



GOVERNMENT OF TAMIL NADU PUBLIC WORKS DEPARTMENT

STANDARD DATA BOOK

[FOR CIVIL WORKS]

VOLUME - II

Volume - I	PWD	1-410 Pages
Volume - II	PWD HR&CE	411-837 Pages
Volume - III	HIGHWAYS TWAD	1-436 Pages
Volume - IV	CMWSSB	1-412 Pages
Volume - V	CMWSSB	413-795 Pages
Volume - VI	CMWSSB	796-1190 Pages
Volume - VII	CMWSSB	1191-1595 Pages
Volume - VIII	CMWSSB	1596-1992 Pages



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GOVERNMENT OF TAMIL NADU
STANDARD DATA BOOK FOR CIVIL WORKS
PREFACE

To arrive at Standard Data Book for Civil Works for the use of various departments under Government of Tamil Nadu, the Government of Tamil Nadu in G.O.Ms.No 124 Public Works (G2) Department dated 07.09.2021 and G.O.Ms.No. 9 Public Works (G2) Department dated 11.06.2024 constituted a committee comprising with the Engineer in Chief and Chief Engineer (General) Tamil Nadu Public Works Department as Chairman and Engineer in Chief and Chief Engineer (General) Water Resources Department, Representative from Finance Department, Representative from Tamil Nadu Infrastructure Development Board (TNIDB), Corporation Commissioner, Coimbatore Municipal Corporation, Representative from IIT - CUBE (Madras), Representative from Anna University, The Director (Highways), Highways Research Station, Engineering Director, Tamil Nadu Water Supply and Drainage Board, Engineering Director, Chennai Metropolitan Water Supply and Sewerage Board, Chief Engineer, Hindu Religious and Charitable Endowments as members of the Committee. Further based on needs / requirements, Special invitees from various other Departments are also invited for discussions.

The primary objective for revision and updating the standard data is to bring the estimate costing as close as possible to real time market price by incorporating the prevailing construction procedures. Many of the construction procedures adopted in the existing Standard Data Book have become obsolete and much technological advancement has happened in due course of time. Hence the revision / updation of standard data becomes inevitable. Now this Standard Data Book for Civil Works has been arrived after detailed discussions and deliberations in several Committee Meetings.

The Water Resources Department vide its letter No.S7 / OT3/SDB 2024-25 / 2024 dated: 14.11.2024 had informed that since huge voluminous nature of works are involved in studying and analysing the data, the department needs at least six months time for completing the process and hence the same will be released separately. Therefore the data pertaining to Water Resources Department could not be included in the Standard Data Book for Civil Works.

This Standard Data Book for Civil Works is a comprehensive document that summarizes the standard data required for construction projects which will be very useful for many departments in the preparation of estimates.

The Contents of the Standard Data Book for Civil Works are detailed below:

- Volume 1 : Public Works Department
- Volume 2 : Public Works Department and Hindu Religious and Charitable Endowments
- Volume 3 : Highways Department and Tamil Nadu Water Supply and Drainage Board
- Volume 4, 5, 6, 7&8 : Chennai Metropolitan Water Supply and Sewerage Board


(Er.S.MANIVANNAN)
Chairman,
Standard Data Committee &
Engineer - in - Chief &
Chief Engineer (General), PWD,
Chepauk, Chennai-5

STANDARD DATA BOOK FOR CIVIL WORKS

VOLUME I

(PUBLIC WORKS DEPARTMENT)

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(Public Works Department & Hindu Religious and Charitable Endowments)

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**Public Works Department
(PWD)**

Sl. No	Qty	Description of work	Rate	Per	Amount
522	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Single Leaf 900 X 2100 Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
		Total	0.0337		
		Shutters			
		Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
		Top rail 1 x 0.800 x 0.075 x 0.04	0.0024		
		Intermittent rail 4 x 0.75 x 0.075 x 0.04	0.0090		
		Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0018		
		Total	0.0132		
		Planks -Panels 5 x 0.674 x 0.328 x 0.012	0.0133		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	
			Shutters		
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0132	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0133	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick	Cu.m	
	1.6360	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture	Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws	Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 1.636 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
523	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Single Leaf 900 X 2100 Type 'B' - (Unequal Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Lock rail 1 x 0.65 x 0.125 x 0.04	0.0033		
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
				0.0105		
			Planks			
			Panels Top 1 x 1.074 x 0.674 x 0.012	0.0087		
			Panels Bottom 1 x 0.669 x 0.674 x 0.012	0.0057		
				0.0144		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0105	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0144	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.6360	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with screws of 50mm length 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 1.636 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
524	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Single Leaf 900 X 2100 Type 'C' - (Single Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					

Sl. No	Qty		Description of work	Rate	Per	Amount
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Bottom rail 1 x 0.80 x 0.15 x 0.04	0.0048		
				0.0072		
			Planks			
			Panels 1 x 1.844 x 0.674 x 0.012	0.0149		
				0.0149		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0072	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0149	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.6360	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with screws of 50mm length 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 1.636 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
525	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Single Leaf 1000 X 2100 Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.0 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Intermittent rail 4 x 0.85 x 0.075 x 0.04	0.0010		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
			Total	0.0091		
			Planks -Panels 5 x 0.774 x 0.328 x 0.012	0.0152		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
		-	Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0091	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0152	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.8410	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 1.841 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
526	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Single Leaf 1000 X 2100 Type 'B' - (Unequal Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.0 x 0.065 x 0.10	0.0065		
			Total	0.0343		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Lock rail 1 x 0.85 x 0.125 x 0.04	0.0043		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
				0.0124		
			Planks			
			Panels Top 1 x 1.074 x 0.774 x 0.012	0.0100		
			Panels Bottom 1 x 0.669 x 0.774 x 0.012	0.0065		
				0.0165		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0124	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0165	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.8410	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with screws of 50mm length 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 1.841 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
527	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Single Leaf 1000 X 2100 Type 'C' - (Single Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.0 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Bottom rail 1 x 0.90 x 0.15 x 0.04	0.0054		
				0.0081		
			Planks			
			Panels 1 x 1.844 x 0.774 x 0.012	0.0171		
				0.0171		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0081	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0171	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.8410	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with screws of 50mm length 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 1.841 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
528	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1200 X 2100 Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
			Total	0.0356		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Intermittent rail 2 x 4 x 0.507 x 0.75 x 0.04	0.0122		
			Bottom rail 2 x 0.557 x 0.150 x 0.04	0.0067		
			Total	0.0222		
			Planks -Panels 2 x 5 x 0.431 x 0.328 x 0.012	0.0170		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0222	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0170	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 9 screws of 50mm length- 8Nos 100 x58x 1.90mm LO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.278 Sq.m			
			Sub Total for 1 sq.m (X)			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
529	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1200 X 2100 Type 'B' - (Unequal Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0151	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0183	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 9 screws of 50mm length- 8Nos 100 x58x 1.90mm LO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.278 Sq.m			
			Sub Total for 1 sq.m (X)			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
530	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1200 X 2100 Type 'C' - (Single Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
				0.0171		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0100	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0191	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 9 screws of 50mm length- 8Nos 100 x58x 1.90mm LO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	

Sl. No	Qty	Description of work	Rate	Per	Amount
		Rate for 2.278 Sq.m			
		Sub Total for 1 sq.m (X)			
		Add water charges @1% of Sub Total X			
		Rate for 1sq.m.			
531	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1350 X 2100 Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
		Total	0.0366		
		Shutters			
		Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
		Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
		Intermittent rail 2 x 4 x 0.582 x 0.075 x 0.04	0.0140		
		Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
		Total	0.0254		
		Planks -Panels 2 x 5 x 0.506 x 0.328 x 0.012	0.0199		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	
			Shutters		
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0254	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0199	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick	Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 9 screws of 50mm length- 8Nos 100 x58x 1.90mm LO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
532	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1350 X 2100 Type 'B' - (Unequal Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
			Lock rail 2 x 0.582 x 0.125 x 0.04	0.0058		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
				0.0172		
			Planks			
			Panels Top 2 x 1.074 x 0.506 x 0.012	0.0130		
			Panels Bottom 2 x 0.669 x 0.506 x 0.012	0.0081		
				0.0211		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0172	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0211	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 9 screws of 50mm length- 8Nos 100 x58x 1.90mm LO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
533	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1350 X 2100 Type 'C' - (Single Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 2 x 2 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
			Bottom rail 2 x 0.632 x 0.15 x 0.04	0.0076		
				0.0114		
			Planks			
			Panels 2 x 1.844 x 0.506 x 0.012	0.0224		
				0.0224		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0114	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0224	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 9 screws of 50mm length- 8Nos 100 x58x 1.90mm LO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
534	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1500 X 2100 Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Intermittent rail 2 x 4 x 0.582 x 0.075 x 0.04	0.0158		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Bottom rail 2 x 0.657 x 0.075 x 0.04	0.0085		
			Total	0.0285		
			Planks -Panels 2 x 5 x 0.581 x 0.328 x 0.012	0.0229		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0285	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0229	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length- 6 Nos 100 x 58 x 1.90 mm IO/100 X 63 X 4.8/4mm Ai.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

Sl. No	Qty	Description of work	Rate	Per	Amount
535	Supplying and Fixing of Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1500 X 2100 Type 'B' - (Unequal Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 1.5 x 0.065 x 0.10	0.0098		
		Total	0.0376		
		Shutters			
		Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
		Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
		Lock rail 2 x 0.657 x 0.125 x 0.04	0.0066		
		Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
			0.0193		
		Planks			
		Panels Top 2 x 1.074 x 0.581 x 0.012	0.0150		
		Panels Bottom 2 x 0.669 x 0.581 x 0.012	0.0093		
			0.0243		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	
			Shutters		
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0193	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0243	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick	Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length- 6 Nos 100 x 58 x 1.90 mm IO/100 X 63 X 4.8/4mm Ai.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
536	Supplying and Fixing of Doors Fully Panelled Doors - External or Internal Moulded Planks Double Leaf 1500 X 2100 Type 'C' - (Single Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 2 x 2 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Bottom rail 2 x 0.707 x 0.15 x 0.04	0.0085		
				0.0127		
			Planks			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Panels 2 x 1.844 x 0.581 x 0.012	0.0257		
				0.0257		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0127	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0257	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 100 x 58 x 1.90 mm IO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

Sl. No	Qty	Description of work	Rate	Per	Amount
537	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 750 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0049		
		Total	0.0327		
		Shutters			
		Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
		Top rail 1 x 0.65 x 0.075 x 0.04	0.0020		
		Intermittent rail 4 x 0.60 x 0.075 x 0.04	0.0072		
		Bottom rail 1 x 0.65 x 0.150 x 0.04	0.0040		
		Total	0.0132		
		Planks -Panels 3 x 0.524 x 0.328 x 0.012	0.0062		
		Beading for Glass Panels 2 x 1.596 x 0.015 x 0.012	0.0006		
		Glass Panels 2 x 0.524 x 0.328	0.344		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0049	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0327	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	
			Shutters		
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0132	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0006	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick	Cu.m	
	0.0062	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick	Cu.m	
	0.3440	Sq.m	Area of Glass	Sq.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.3300	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.33 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
538	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 750 X 2100 - Type 'B' Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0049		
			Total	0.0327		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.65 x 0.075 x 0.04	0.0020		
			Lock rail 1 x 0.60 x 0.125 x 0.04	0.0030		
			Bottom rail 1 x 0.65 x 0.150 x 0.04	0.0040		
			Total	0.0090		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Planks -Panels 1 x 0.669 x 0.524 x 0.012	0.0042		
			Beading for Glass Panels 1 x 3.088 x 0.015 x 0.012	0.0006		
			Glass Panels 1 x 1.074 x 0.524	0.563		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0049	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0327	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0090	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0006	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0042	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.5630	Sq.m	Area of Glass		Sq.m	
	1.3300	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.33 Sq.m			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
539	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 800 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		
			Total	0.0330		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.70 x 0.075 x 0.04	0.0021		
			Intermittent rail 4 x 0.65 x 0.075 x 0.04	0.0078		
			Bottom rail 1 x 0.7 x 0.150 x 0.04	0.0042		
			Total	0.0141		
			Planks -Panels 3 x 0.574 x 0.328 x 0.012	0.0068		
			Beading for Glass Panels 2 x 1.804 x 0.015 x 0.012	0.0007		
			Glass Panels 2 x 0.574 x 0.328	0.3765		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0141	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0007	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0068	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.3765	Sq.m	Area of Glass		Sq.m	
	1.4320	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.432 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
540	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 800 X 2100 - Type 'B' Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		
			Total	0.0330		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.70 x 0.075 x 0.04	0.0021		
			Lock rail 1 x 0.65 x 0.125 x 0.04	0.0033		
			Bottom rail 1 x 0.70 x 0.150 x 0.04	0.0042		
			Total	0.0096		
			Planks -Panels 1 x 0.669 x 0.574 x 0.012	0.0046		
			Beading for Glass Panels 1 x 3.296 x 0.015 x 0.012	0.0006		
			Glass Panels 1 x 1.074 x 0.574	0.6165		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0096	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0006	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0046	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.6165	Sq.m	Area of Glass		Sq.m	
	1.4320	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.432 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
541	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 900 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Intermittent rail 4 x 0.75 x 0.075 x 0.04	0.0090		
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
			Total	0.0162		
			Planks -Panels 3 x 0.674 x 0.328 x 0.012	0.008		
			Beading for Glass Panels 2 x 2.004 x 0.015 x 0.012	0.0007		
			Glass Panels 2 x 0.674 x 0.328	0.4421		
			Main Data			
		-	Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
		-	Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0162	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0007	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0080	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.4421	Sq.m	Area of Glass		Sq.m	
	1.6400	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.64 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
542	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 900 X 2100 - Type 'B' Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					

Sl. No	Qty		Description of work	Rate	Per	Amount
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Lock rail 1 x 0.75 x 0.125 x 0.04	0.0038		
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
			Total	0.0110		
			Planks -Panels 1 x 0.669 x 0.674 x 0.012	0.0054		
			Beading for Glass Panels 1 x 3.496 x 0.015 x 0.012	0.0006		
			Glass Panels 1 x 1.074 x 0.674	0.7239		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0110	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0006	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0054	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.7239	Sq.m	Area of Glass		Sq.m	
	1.6400	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.64 Sq.m =			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
543	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 1000 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.00 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Intermittent rail 4 x 0.85 x 0.075 x 0.04	0.0102		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
			Total	0.0183		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Planks -Panels 3 x 0.774 x 0.328 x 0.012	0.0091		
			Beading for Glass Panels 2 x 2.204 x 0.015 x 0.012	0.0008		
			Glass Panels 2 x 0.774 x 0.328	0.5077		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0183	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0008	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0091	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.5077	Sq.m	Area of Glass		Sq.m	
	1.8405	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.8405 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
544	Supplying and Fixing of Panelled and Glazed Doors - Single Leaf 1000 X 2100 - Type 'B' Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.00 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Lock rail 1 x 0.85 x 0.125 x 0.04	0.0043		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
			Total	0.0124		
			Planks -Panels 1 x 0.669 x 0.774 x 0.012	0.0062		
			Beading for Glass Panels 1 x 3.696 x 0.015 x 0.012	0.0007		
			Glass Panels 1 x 1.074 x 0.774	0.8313		
			Main Data			
		-	Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
		-	Shutters			

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0124	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0007	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0062	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.8313	Sq.m	Area of Glass		Sq.m	
	1.8405	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm IO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 1.8405 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
545	Supplying and Fixing of Panelled and Glazed Doors - Double Leaf 1200 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Total	0.0356		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		
			Intermittent rail 2 x 4 x 0.507 x 0.075 x 0.04	0.0122		
			Bottom rail 2 x 0.557 x 0.150 x 0.04	0.0067		
			Total	0.0222		
			Planks -Panels 2 x 2 x 0.431 x 0.328 x 0.012	0.0102		
			Beading for Glass Panels 2 x 3 x 1.518 x 0.015 x 0.012	0.0011		
			Glass Panels 4 x 0.431 x 0.328	0.5655		
			Main Data			
		-	Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
		-	Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0222	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0102	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.5655	Sq.m	Area of Glass		Sq.m	
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 100 x 58 x 1.90 mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 2.278 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
546	Supplying and Fixing of Panelled and Glazed Doors - Double Leaf 1200 X 2100 - Type 'B' Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
			Total	0.0356		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		
			Lock rail 2 x 0.607 x 0.125 x 0.04	0.0061		
			Bottom rail 2 x 0.507 x 0.150 x 0.04	0.0067		
			Total	0.0161		
			Planks -Panels 2 x 0.669 x 0.431 x 0.012	0.0069		
			Beading for Glass Panels 2 x 3.01 x 0.015 x 0.012	0.0011		
			Glass Panels 1 x 1.074 x 0.431	0.9258		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Main Data			
		-	Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
		-	Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0161	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0069	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.9258	Sq.m	Area of Glass		Sq.m	
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 100 x 58 x 1.90 mm		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 2.278 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Rate for 1sq.m.			
547	Supplying and Fixing of Panelled and Glazed Doors - Double Leaf 1350 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
			Intermittent rail 2 x 4 x 0.582 x 0.075 x 0.04	0.0140		
			Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
			Total	0.0254		
			Planks -Panels 2 x 3 x 0.506 x 0.328 x 0.012	0.012		
			Beading for Glass Panels 2 x 2 x 1.82 x 0.015 x 0.012	0.0013		
			Glass Panels 4 x 0.506 x 0.328	0.664		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0254	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0013	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0120	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.6640	Sq.m	Area of Glass		Sq.m	
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 100 x 58 x 1.90 mm IO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
548	Supplying and Fixing of Panelled and Glazed Doors - Double Leaf 1350 X 2100 - Type 'B' Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Lock rail 2 x 0.582 x 0.125 x 0.04	0.0058		
			Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
			Total	0.0172		
			Planks -Panels 2 x 0.669 x 0.506 x 0.012	0.0081		
			Beading for Glass Panels 2 x 3.112 x 0.015 x 0.012	0.0011		
			Glass Panels 1 x 1.074 x 0.506	1.687		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0172	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0081	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.6870	Sq.m	Area of Glass		Sq.m	
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 100 x 58 x 1.90 mm		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
549	Supplying and Fixing of Panelled and Glazed Doors - Double Leaf 1500 X 2100 - Type 'A' - (5 Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Intermittent rail 2 x 4 x 0.657 x 0.075 x 0.04	0.0158		
			Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
			Total	0.0285		
			Planks -Panels 2 x 3 x 0.581 x 0.328 x 0.012	0.0137		
			Beading for Glass Panels 2 x 2 x 1.77 x 0.015 x 0.012	0.0013		
			Glass Panels 4 x 0.581 x 0.328	0.7623		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0285	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0013	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0137	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	0.7623	Sq.m	Area of Glass		Sq.m	
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 100 x 58 x 1.90 mm IO 100 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
550	Supplying and Fixing of Panelled and Glazed Doors - Double Leaf 1500 X 2100 - Type 'B' - (Two Unequal Panels) Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Lock rail 2 x 0.657 x 0.125 x 0.04	0.0066		
			Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
			Total	0.0193		
			Planks -Panels 2 x 0.669 x 0.581 x 0.012	0.0093		
			Beading for Glass Panels 2 x 3.262 x 0.015 x 0.012	0.0012		
			Glass Panels 2 x 1.074 x 0.581	1.248		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0193	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0012	Cu.m	Teak Wood Planks 15cm to 30cm wide and 12mm to 25mm thick		Cu.m	
	0.0093	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.2480	Sq.m	Area of Glass		Sq.m	
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 100 x 58 x 1.90 mm		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.		LS	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
551	Supplying and Fixing of Doors - Expanded Metal Doors - Single Leaf 750 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0050		
			Total	0.0328		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.65 x 0.075 x 0.04	0.0020		
			Lock rail 1 x 0.60 x 0.125 x 0.04	0.0030		
			Bottom rail 1 x 0.65 x 0.150 x 0.04	0.0039		
				0.0089		
			Beading Bottom 1 x 3.088 x 0.015 x 0.04	0.0006		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Beading Bottom 1 x 2.278 x 0.015 x 0.04	0.0004		
			Total	0.0010		
			Expanded Metal 18mm. SWM			
			Top 1 x 1.074 x 0.474	0.5306		
			Bottom 1 x 0.669 x 0.474	0.3305		
			Total	0.8611		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0050	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0328	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0089	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0010	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.8611	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm		Sq.m	
	1.3290	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.329 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
552	Supplying and Fixing of Doors - Expanded Metal Doors - Single Leaf 800 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		
			Total	0.0330		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.70 x 0.075 x 0.04	0.0021		
			Lock rail 1 x 0.65 x 0.125 x 0.04	0.0033		
			Bottom rail 1 x 0.70 x 0.150 x 0.04	0.0042		
			Total	0.0096		
			Beading Top 1 x 3.296 x 0.015 x 0.04	0.0006		
			Beading Bottom 1 x 2.486 x 0.015 x 0.04	0.0005		
			Total	0.0011		
			Expanded Metal 18mm. SWM			
			Top 1 x 1.074 x 0.574	0.6165		
			Bottom 1 x 0.669 x 0.574	0.3840		
			Total	1.0005		
			Main Data			
			Frames			

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0096	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.0005	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm		Sq.m	
	1.4315	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.4315 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
553	Supplying and Fixing of Doors - Expanded Metal Doors - Single Leaf 900 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Lock rail 1 x 0.75 x 0.125 x 0.04	0.0038		
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
				0.0110		
			Beading Top 1 x 3.496 x 0.015 x 0.04	0.0006		
			Beading Bottom 1 x 2.686 x 0.015 x 0.04	0.0005		
			Total	0.0011		
			Expanded Metal 18mm. SWM			
			Top 1 x 1.074 x 0.674	0.7239		
			Bottom 1 x 0.669 x 0.674	0.4509		
			Total	1.1748		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0110	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.1748	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm		Sq.m	
	1.6360	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.636 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
554	Supplying and Fixing of Doors - Expanded Metal Doors - Single Leaf 1000 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.00 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Lock rail 1 x 0.85 x 0.125 x 0.04	0.0043		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
				0.0124		
			Beading Top 1 x 3.696 x 0.015 x 0.04	0.0007		
			Beading Bottom 1 x 2.886 x 0.015 x 0.04	0.0005		
			Total	0.0012		
			Expanded Metal 18mm. SWM			
			Top 1 x 1.074 x 0.774	0.8313		
			Bottom 1 x 0.669 x 0.774	0.5178		
			Total	1.3491		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0124	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0012	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.3491	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm		Sq.m	
	1.8405	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.8405 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
555	Supplying and Fixing of Doors - Expanded Metal Doors - Single Leaf 1200 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
			Total	0.0356		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		
			Lock rail 2 x 0.507 x 0.125 x 0.04	0.0051		
			Bottom rail 2 x 0.557 x 0.150 x 0.04	0.0067		
				0.0151		
			Beading Top 2 x 3.010 x 0.015 x 0.012	0.0011		
			Beading Bottom 2 x 2.886 x 0.015 x 0.012	0.0008		
			Total	0.0019		
			Expanded Metal 18mm. SWM			
			Top 2 x 1.074 x 0.431	0.9258		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Bottom 2 x 0.669 x 0.431	0.5767		
			Total	1.5025		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0151	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0019	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.5025	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm			
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.278 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

Sl. No	Qty	Description of work	Rate	Per	Amount
556	Supplying and Fixing of Doors - Expanded Metal Doors - Double Leaf 1350 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
		Total	0.0366		
		Shutters			
		Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
		Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
		Lock rail 2 x 0.582 x 0.125 x 0.04	0.0058		
		Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
			0.0172		
		Beading Top 2 x 3.112 x 0.015 x 0.012	0.0011		
		Beading Bottom 2 x 2.312 x 0.015 x 0.012	0.0008		
		Total	0.0019		
			0.0191		
		Expanded Metal 18mm. SWM			
		Top 2 x 1.074 x 0.506	1.0870		
		Bottom 2 x 0.669 x 0.506	0.6770		
		Total	1.7640		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0191	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0019	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.7640	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm			
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
557	Supplying and Fixing of Doors - Expanded Metal Doors - Double Leaf 1500 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Lock rail 2 x 0.657 x 0.125 x 0.04	0.0066		
			Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
				0.0193		
			Beading Top 2 x 3.262 x 0.015 x 0.012	0.0012		
			Beading Bottom 2 x 2.452 x 0.015 x 0.012	0.0009		
			Total	0.0021		
				0.0214		
			Expanded Metal 18mm. SWM			
			Top 2 x 1.074 x 0.581	1.2480		
			Bottom 2 x 0.669 x 0.581	0.7774		
			Total	2.0254		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0214	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0021	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	2.0254	Sq.m	Expanded Metal 18mm. SWM 3 x 3mm			
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
558	Supplying and Fixing of Doors - Flyproof Doors - Single Leaf 750 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0049		
			Total	0.0327		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.65 x 0.075 x 0.04	0.0020		
			Lock rail 1 x 0.60 x 0.125 x 0.04	0.0030		
			Bottom rail 1 x 0.65 x 0.150 x 0.04	0.0039		
				0.0089		
			Beading Top 1 x 3.088 x 0.015 x 0.04	0.0006		
			Beading Bottom 1 x 2.278 x 0.015 x 0.04	0.0004		
			Total	0.0010		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Galvanised Iron Fly Proof Mesh			
			Top 1 x 1.074 x 0.474	0.5306		
			Bottom 1 x 0.669 x 0.474	0.3305		
			Total	0.8611		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0049	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0327	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0099	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0010	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.8611	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.3290	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.329 Sq.m			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
559	Supplying and Fixing of Doors - Fly proof Doors - Single Leaf 800 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		
			Total	0.0330		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.70 x 0.075 x 0.04	0.0021		
			Lock rail 1 x 0.65 x 0.125 x 0.04	0.0033		
			Bottom rail 1 x 0.70 x 0.150 x 0.04	0.0042		
				0.0096		
			Beading Top 1 x 3.296 x 0.015 x 0.04	0.0006		
			Beading Bottom 1 x 2.486 x 0.015 x 0.04	0.0005		
			Total	0.0011		
			Galvanised Iron Fly Proof Mesh			
			Top 1 x 1.074 x 0.574	0.6165		
			Bottom 1 x 0.669 x 0.574	0.3840		
			Total	1.0005		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0096	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.0005	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.4315	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.4315 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
560	Supplying and Fixing of Doors - Flyproof Doors - Single Leaf 900 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Lock rail 1 x 0.75 x 0.125 x 0.04	0.0038		
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
				0.0110		
			Beading Top 1 x 3.496 x 0.015 x 0.04	0.0006		
			Beading Bottom 1 x 2.686 x 0.015 x 0.04	0.0005		
			Total	0.0011		
			Galvanised Iron Fly Proof Mesh			
			Top 1 x 1.074 x 0.674	0.7239		
			Bottom 1 x 0.669 x 0.674	0.4509		
			Total	1.1748		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0110	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0011	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.1748	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.6360	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.636 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
561	Supplying and Fixing of Doors - Flyproof Doors - Single Leaf 1000 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Lock rail 1 x 0.85 x 0.125 x 0.04	0.0043		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
				0.0124		
			Beading Top 1 x 3.696 x 0.015 x 0.04	0.0007		
			Beading Bottom 1 x 2.886 x 0.015 x 0.04	0.0005		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Total	0.0012		
			Galvanised Iron Fly Proof Mesh			
			Top 1 x 1.075 x 0.774	0.8313		
			Bottom 1 x 0.669 x 0.774	0.5178		
			Total	1.3491		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0124	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0012	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.3491	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.8405	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	

Sl. No	Qty	Description of work	Rate	Per	Amount
		Rate for 1.8405 Sq.m			
		Sub Total for 1 sq.m (X)			
		Add water charges @1% of Sub Total X			
		Rate for 1sq.m.			
562	Supplying and Fixing of Doors - Flyproof Doors - Double Leaf 1200 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
		Total	0.0356		
		Shutters			
		Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
		Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		
		Lock rail 2 x 0.507 x 0.125 x 0.04	0.0051		
		Bottom rail 2 x 0.557 x 0.150 x 0.04	0.0067		
			0.0151		
		Beading Top 2 x 3.112 x 0.015 x 0.012	0.0011		
		Beading Bottom 2 x 2.312 x 0.015 x 0.012	0.0008		
		Total	0.0019		
		Galvanised Iron Fly Proof Mesh			
		Top 2 x 1.074 x 0.431	0.9580		
		Bottom 2 x 0.669 x 0.431	0.5760		
		Total	1.5340		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0151	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0019	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.5340	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.4540	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.454 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
563	Supplying and Fixing of Doors - Flyproof Doors - Double Leaf 1350 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
			Lock rail 2 x 0.582 x 0.125 x 0.04	0.0058		
			Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
				0.0172		
			Beading Top 2 x 3.112 x 0.015 x 0.012	0.0011		
			Beading Bottom 2 x 2.312 x 0.015 x 0.012	0.0008		
			Total	0.0019		
			Galvanised Iron Fly Proof Mesh			
			Top 2 x 1.074 x 0.506	1.0870		
			Bottom 2 x 0.669 x 0.506	0.6770		
			Total	1.7640		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0172	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0019	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	1.7640	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	2.7608	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.7608 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
564	Supplying and Fixing of Doors - Flyproof Doors - Double Leaf 1500 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Lock rail 2 x 0.657 x 0.125 x 0.04	0.0066		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
				0.0193		
			Beading Top 2 x 3.262 x 0.015 x 0.012	0.0012		
			Beading Bottom 2 x 2.452 x 0.015 x 0.012	0.0009		
			Total	0.0021		
			Galvanised Iron Fly Proof Mesh			
			Top 2 x 1.074 x 0.581	1.2480		
			Bottom 2 x 0.669 x 0.581	0.7774		
			Total	2.0254		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0193	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0021	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	2.0254	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	3.0675	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 3.0675 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
565	Supplying and Fixing of Doors - Panelled & Ventilated Doors - Single Leaf 750 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0049		
			Total	0.0327		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.65 x 0.075 x 0.04	0.0020		
			Lock rail 1 x 0.60 x 0.125 x 0.04	0.0030		
			Bottom rail 1 x 0.65 x 0.150 x 0.04	0.0039		
				0.0089		
			Panels 1 x 0.524 x 0.669 x 0.012	0.0042		
			Ventilation Blades 15 x 0.524 x 0.125 x 0.012	0.0118		
			Stanchion 1 x 1.050 x 0.025 x 0.018	0.0005		
			Total	0.0123		
			Main Data			
			Frames			

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0049	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0327	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0089	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0123	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.0042	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.3290	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	15.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty, brads, wind Appliances & ventilation hooks.		LS	
			Rate for 1.329 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

Sl. No	Qty	Description of work	Rate	Per	Amount
566	Supplying and Fixing of Doors - Panelled & Ventilated Doors - Single Leaf 800 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		
		Total	0.0330		
		Shutters			
		Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
		Top rail 1 x 0.70 x 0.075 x 0.04	0.0021		
		Lock rail 1 x 0.65 x 0.125 x 0.04	0.0033		
		Bottom rail 1 x 0.70 x 0.150 x 0.04	0.0042		
			0.0096		
		Panels 1 x 0.574 x 0.669 x 0.012	0.0046		
		Ventilation Blades 15 x 0.574 x 0.125 x 0.012	0.0129		
		Stanchion 1 x 1.050 x 0.025 x 0.018	0.0005		
		Total	0.0134		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	
			Shutters		
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0096	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0134	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick	Cu.m	
	0.0046	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick	Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.4315	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	15.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.4315 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
567	Supplying and Fixing of Doors - Panelled & Ventilated Doors - Single Leaf 900 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Lock rail 1 x 0.75 x 0.125 x 0.04	0.0038		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
				0.0110		
			Panels 1 x 0.674 x 0.669 x 0.012	0.0054		
			Ventilation Blades 15 x 0.674 x 0.125 x 0.012	0.0152		
			Stanchion 1 x 1.050 x 0.025 x 0.018	0.0005		
			Total	0.0157		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0110	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0157	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.0054	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.6360	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	15.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.636 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
568	Supplying and Fixing of Doors - Panelled & Ventilated Doors - Single Leaf 1000 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.00 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Lock rail 1 x 0.85 x 0.125 x 0.04	0.0043		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
				0.0124		
			Panels 1 x 0.774 x 0.669 x 0.012	0.0062		
			Ventilation Blades 15 x 0.774 x 0.125 x 0.012	0.0174		
			Stanchion 1 x 1.050 x 0.025 x 0.018	0.0005		
			Total	0.0179		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0124	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0179	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.0062	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.8405	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	15.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.8405 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
569	Supplying and Fixing of Doors - Panelled & Ventilated Doorss - Double Leaf 1200 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
			Total	0.0356		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		
			Lock rail 2 x 0.507 x 0.125 x 0.04	0.0051		
			Bottom rail 2 x 0.557 x 0.150 x 0.04	0.0067		
				0.0151		
			Panels 2 x 0.431 x 0.669 x 0.012	0.0072		
			Ventilation Blades 2x15 x 0.431 x 0.125 x 0.012	0.0194		
			Stanchion 2 x 1.050 x 0.025 x 0.018	0.0010		
			Total	0.0204		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0151	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0204	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.0072	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.2780	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	30.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.278 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
570	Supplying and Fixing of Doors - Panelled & Ventilated Doors - Double Leaf 1350 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
			Lock rail 2 x 0.582 x 0.125 x 0.04	0.0058		
			Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
				0.0172		
			Panels 2 x 0.506 x 0.669 x 0.012	0.0081		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Ventilation Blades 2x15 x 0.506 x 0.125 x 0.012	0.0228		
			Stanchion 2 x 1.050 x 0.025 x 0.018	0.0010		
			Total	0.0238		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0172	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0238	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.0081	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	30.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
571	Supplying and Fixing of Doors - Panelled & Ventilated Doors - Double Leaf 1500 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Lock rail 2 x 0.657 x 0.125 x 0.04	0.0066		
			Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
				0.0193		
			Panels 2 x 0.581 x 0.669 x 0.012	0.0093		
			Ventilation Blades 2x15 x 0.581 x 0.125 x 0.012	0.0261		
			Stanchion 2 x 1.050 x 0.025 x 0.018	0.0010		
			Total	0.0271		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0193	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0271	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick		Cu.m	
	0.0093	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	30.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
572	Supplying and Fixing of Doors - Framed and Planked Doors - Single Leaf 750 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0049		
			Total	0.0327		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.65 x 0.075 x 0.04	0.0020		
			Lock rail 1 x 0.60 x 0.125 x 0.04	0.0030		
			Bottom rail 1 x 0.65 x 0.150 x 0.04	0.0039		
				0.0089		
			Planks Incl. Joints 12mm			
			1 x 1.844 x 0.554 x 0.018	0.0184		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0049	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0327	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0089	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0184	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.3290	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	15.00	Nos	Ventilation Hooks		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of putty, brads, wind Appliances & ventilation hooks.		LS	
			Rate for 1.329 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
573	Supplying and Fixing of Doors - Framed and Planked Doors - Single Leaf 800 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		
			Total	0.0330		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.70 x 0.075 x 0.04	0.0021		
			Lock rail 1 x 0.65 x 0.125 x 0.04	0.0033		
			Bottom rail 1 x 0.70 x 0.150 x 0.04	0.0042		
				0.0096		
			Planks Incl. Joints 12mm			
			1 x 1.844 x 0.634 x 0.018	0.0210		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0096	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0210	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.4315	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.4315 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
574	Supplying and Fixing of Doors - Framed and Planked Doors - Single Leaf 900 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.80 x 0.075 x 0.04	0.0024		
			Lock rail 1 x 0.75 x 0.125 x 0.04	0.0038		
			Bottom rail 1 x 0.80 x 0.150 x 0.04	0.0048		
				0.0110		
			Planks Incl. Joints 12mm			
			1 x 1.844 x 0.746 x 0.018	0.0244		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0110	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0244	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.6350	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	Nos	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	Nos	Aldrop of size 16 x 250mm		Each	
	1.00	Nos	50mm dia Rubber block		Each	
	0.25	Nos	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.635 Sq.m =			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
575	Supplying and Fixing of Doors - Framed and Planked Doors - Single Leaf 1000 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.00 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Styles 2 x 2.045 x 0.075 x 0.04	0.0123		
			Top rail 1 x 0.90 x 0.075 x 0.04	0.0027		
			Lock rail 1 x 0.85 x 0.125 x 0.04	0.0043		
			Bottom rail 1 x 0.90 x 0.150 x 0.04	0.0054		
				0.0124		
			Planks Incl. Joints 12mm			
			1 x 1.844 x 0.834 x 0.018	0.0277		
	Main Data					
		-	Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0123	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0124	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0277	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.8405	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	3.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	1.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 1.8405 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
576	Supplying and Fixing of Doors - Framed and Planked Doors - Single Leaf 1200 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
			Total	0.0356		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.557 x 0.075 x 0.04	0.0033		
			Lock rail 2 x 0.507 x 0.125 x 0.04	0.0056		
			Bottom rail 2 x 0.557 x 0.150 x 0.04	0.0067		
				0.0156		
			Planks Incl. Joints 12mm			
			2 x 1.844 x 0.467 x 0.018	0.0294		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0156	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0294	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.2781	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Bottom Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.2781 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
577	Supplying and Fixing of Doors - Framed and Planked Doors - Double Leaf 1350 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.632 x 0.075 x 0.04	0.0038		
			Lock rail 2 x 0.582 x 0.125 x 0.04	0.0058		
			Bottom rail 2 x 0.632 x 0.150 x 0.04	0.0076		
				0.0172		
			Planks Incl. Joints 12mm			
			2 x 1.844 x 0.554 x 0.018	0.0368		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
		-	Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0172	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0368	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.5850	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.585 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
578	Supplying and Fixing of Doors - Framed and Planked Doors - Double Leaf 1500 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			

Sl. No	Qty		Description of work	Rate	Per	Amount
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Styles 4 x 2.045 x 0.075 x 0.04	0.0245		
			Top rail 2 x 0.707 x 0.075 x 0.04	0.0042		
			Lock rail 2 x 0.657 x 0.125 x 0.04	0.0066		
			Bottom rail 2 x 0.707 x 0.150 x 0.04	0.0085		
				0.0193		
			Planks Incl. Joints 12mm			
			2 x 1.844 x 0.641 x 0.018	0.0426		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0245	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0193	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0426	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.8920	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	6.00	Nos	Butt Hinges fixed with No 10 screws of 50mm length- 8Nos 125 x 65 x 2.12mm LO 125 X 63 X 4.8/4mm AL.		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Bottom Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of wind Appliances.		LS	
			Rate for 2.892 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
579	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Single Leaf 750 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.75 x 0.065 x 0.10	0.0049		
			Total	0.0327		
			Shutters			
			Ledges (Top, Middle & Bottom)			
			3 x 0.65 x 0.100 x 0.03	0.0059		
			Braces - Top 1 x 1.26 x 0.100 x 0.03	0.0038		
			Bottom 1 x 0.93 x 0.100 x 0.03	0.0028		
				0.0125		
			Planks Incl. Joints 12mm			
			1 x 2.045 x 0.710 x 0.018	0.0261		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0049	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0327	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0125	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0261	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.4520	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	3.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.50	kg	65mm wire nail		kg	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 1.452 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
580	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Single Leaf 800 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.80 x 0.065 x 0.10	0.0052		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Total	0.0330		
			Shutters			
			Ledges (Top, Middle & Bottom)			
			3 x 0.70 x 0.100 x 0.03	0.0063		
			Braces - Top 1 x 1.50 x 0.100 x 0.03	0.0030		
			Bottom 1 x 1.20 x 0.100 x 0.03	0.0020		
				0.0113		
			Planks Incl. Joints 12mm			
			1 x 2.045 x 0.760 x 0.018	0.0280		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0052	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0330	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0113	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0280	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.5542	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	3.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.50	kg	65mm wire nail		kg	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 1.5542 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
581	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Single Leaf 900 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 0.90 x 0.065 x 0.10	0.0059		
			Total	0.0337		
			Shutters			
			Ledges (Top, Middle & Bottom)			
			3 x 0.80 x 0.100 x 0.03	0.0072		
			Braces - Top 1 x 1.56 x 0.100 x 0.03	0.0047		
			Bottom 1 x 1.27 x 0.100 x 0.03	0.0038		
				0.0157		
			Planks Incl. Joints 12mm			
			1 x 2.045 x 0.872 x 0.018	0.0328		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0059	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0337	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0157	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	

Sl. No	Qty		Description of work	Rate	Per	Amount
	0.0328	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.7832	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	3.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.50	kg	65mm wire nail		kg	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 1.7832 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
582	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Single Leaf 1000 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.00 x 0.065 x 0.10	0.0065		
			Total	0.0343		
			Shutters			
			Ledges (Top, Middle & Bottom)			
			3 x 0.90 x 0.100 x 0.03	0.0081		
			Braces - Top 1 x 1.62 x 0.100 x 0.03	0.0049		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Bottom 1 x 1.35 x 0.100 x 0.03	0.0041		
				0.0171		
			Planks Incl. Joints 12mm			
			1 x 2.045 x 0.972 x 0.018	0.0358		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0065	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0343	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0171	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0358	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	1.9877	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	1.00	No	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	1.00	No	50mm dia Rubber block		Each	
	3.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.50	kg	65mm wire nail		kg	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 1.9877 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

Sl. No	Qty	Description of work	Rate	Per	Amount
583	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Double Leaf 1200 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.				
		Materials required			
		Frame :			
		Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
		Horizontal top 1 x 1.20 x 0.065 x 0.10	0.0078		
		Total	0.0356		
		Shutters			
		Ledges (Top, Middle & Bottom)			
		2 x 3 x 0.90 x 0.100 x 0.03	0.0099		
		Braces - Top 2 x 1.43 x 0.100 x 0.03	0.0086		
		Bottom 2 x 1.09 x 0.100 x 0.03	0.0033		
			0.0218		
		Planks Incl. Joints 12mm			
		2 x 2.045 x 0.598 x 0.018	0.0440		
		Main Data			
		Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length	Cu.m	
	0.0078	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0356	Cu.m	Labour Wrought and put up in position for Frames	Cu.m	
			Shutters		
	0.0218	Cu.m	Teak Wood Scantlings upto 2m in length	Cu.m	
	0.0440	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick	Cu.m	
	2.4458	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture	Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws	Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm	Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	6.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.60	kg	65mm wire nail		kg	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 2.4458 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			
584	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Double Leaf 1350 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.35 x 0.065 x 0.10	0.0088		
			Total	0.0366		
			Shutters			
			Ledges (Top, Middle & Bottom)			
			2 x 3 x 0.625 x 0.100 x 0.03	0.0113		
			Braces - Top 2 x 1.483 x 0.100 x 0.03	0.0089		
			Bottom 2 x 0.992 x 0.100 x 0.03	0.0060		
				0.0262		
			Planks Incl. Joints 12mm			
			2 x 2.045 x 0.554 x 0.018	0.0408		

Sl. No	Qty		Description of work	Rate	Per	Amount
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0366	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0262	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0408	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	2.5560	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	6.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.60	kg	65mm wire nail		kg	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 2.556 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

Sl. No	Qty		Description of work	Rate	Per	Amount
585	Supplying and Fixing of Doors - Ledged, Braced and Planked Doors - Double Leaf 1500 X 2100mm Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Materials required			
			Frame :			
			Posts 2 x 2.14 x 0.065 x 0.10	0.0278		
			Horizontal top 1 x 1.50 x 0.065 x 0.10	0.0098		
			Total	0.0376		
			Shutters			
			Ledges (Top, Middle & Bottom)			
			2 x 3 x 0.70 x 0.100 x 0.03	0.0126		
			Braces - Top 2 x 1.533 x 0.100 x 0.03	0.0092		
			Bottom 2 x 0.760 x 0.100 x 0.03	0.0064		
				0.0282		
			Planks Incl. Joints 12mm			
			2 x 2.045 x 0.760 x 0.018	0.0560		
			Main Data			
			Frames			
	0.0278	Cu.m	Teak Wood Scantlings over 2m & below 3m in length		Cu.m	
	0.0098	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0376	Cu.m	Labour Wrought and put up in position for Frames		Cu.m	
			Shutters			
	0.0282	Cu.m	Teak Wood Scantlings upto 2m in length		Cu.m	
	0.0560	Cu.m	Teak Wood Planks over 30cm wide and 12mm to 25mm thick		Cu.m	
	3.1080	Sq.m	Labour Wrought and put up for Shutters fully panelled doors including labour charges for Fixing Furniture		Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws		Each	
	2.00	Nos	Top Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	

Sl. No	Qty		Description of work	Rate	Per	Amount
	1.00	No	Bottom Tower Bolt 12mm dia 200 x 38 x 2.4mm		Each	
	1.00	No	Lock Rail Tower Bolt 12mm dia 150 x 38 x 2.4mm		Each	
	1.00	No	Aldrop of size 16 x 250mm		Each	
	2.00	Nos	50mm dia Rubber block		Each	
	6.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 400 x 135 x 2.5 mm		Each	
	0.60	kg	65mm wire nail		kg	
	0.25	No	Fitter Class - I		Each	
		LS	Sundries inclusive of all wind Appliances & Screws for Planks.		LS	
			Rate for 3.108 Sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1sq.m.			

WOODEN WINDOWS

Sl. No.	Description	No.	L	B	D	Contents	
586	Supplying and Fixing of Windows - Fully Glazed (Single Leaf) - 600 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Posts	1	2	1.3	0.06	0.075	0.0117
	Horizontals	1	2	0.6	0.06	0.075	0.0054
							0.0171
	Shutters						
	Styles	1	2	1.21	0.075	0.035	0.0064
	Top, Central, Bottom Rails	1	2	0.51	0.075	0.035	0.0027
							0.0091
	Beading for Glass Panes	1	1	2.98	0.015	0.012	0.0005
	Glass Panes 3mm thick	1	1	1.08	0.384		0.4163
	Main - Data						
	Frame :						
0.0171	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
0.0171	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters						
0.4163	Sq.m	Glass Panes 3mm thick				Sq.m	
0.0091	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
0.0005	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Cu.m	
0.6050	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m	
6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
1.00	No	Top Tower Bolt 10mm dia, 100mm long				Each	
1.00	No	Bottom Tower Bolt 10mm dia, 100mm long				Each	

Sl. No.	Description		No.	L	B	D	Contents	
	1.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	2.00	Nos	50mm dia Rubber block			Each		
	0.25	Nos	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.605 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
587	Supplying and Fixing of Windows - Fully Glazed (Double Leaf) - 1000 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.08	0.0117
	Horizontals		1	2	1.00	0.06	0.08	0.0090
							0.0207	
	Shutters							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails		2	2	0.46	0.075	0.035	0.0048
							0.0175	
	Beading for Glass Panes		1	2	2.78	0.015	0.012	0.0010
	Glass Panes 4mm thick		1	2	1.08	0.329		0.7133
	Main - Data							
	Frame :							
	0.0207	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m		
	0.0207	Cu.m	Labour Wrought and put up in position for Frames			Cu.m		
	Shutters							
	0.714	Sq.m	Glass Panes 3mm thick			Sq.m		
	0.0175	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m		

Sl. No.	Description		No.	L	B	D	Contents	
	0.0010	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick			Cu.m		
	1.1011	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture			Sq.m		
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long			Each		
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long			Each		
	2.00	Nos	Cabin hook 200mm and eye made out of 6mm round steel			Each		
	2.00	Nos	50mm dia Rubber block			Each		
	0.25	Nos	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 1.1011 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
588	Supplying and Fixing of Windows - Fully Glazed (Double Leaf) - 1200 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.08	0.0117
	Horizontals		1	2	1.20	0.06	0.08	0.0108
								0.0225
	Shutters							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails		2	2	0.56	0.075	0.035	0.0058
								0.0185
	Beading for Glass Panes		1	2	2.93	0.015	0.012	0.0011
	Glass Panes 4mm thick		1	2	1.08	0.429		0.9301

Sl. No.	Description		No.	L	B	D	Contents
	Main - Data						
	Frame :						
	0.0225	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.0225	Cu.m	Labour Wrought and put up in position for Frames			Cu.m	
	Shutters						
	0.9301	Sq.m	Glass Panes 3mm thick			Sq.m	
	0.0185	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.0011	Cu.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick			Cu.m	
	1.3430	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture			Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each	
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long			Each	
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long			Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each	
	2.00	Nos	50mm dia Rubber block			Each	
	0.25	No	Fitter Class - I			Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS	
			Rate for 1.343 Sq.m				
			Sub Total for 1 sq.m (X)				
			Add water charges @1% of Sub Total X				
			Rate for 1sq.m.				
589	Supplying and Fixing of Windows - Fully Panelled (Single Leaf) - Without Central Rail - 600 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Posts		1	2	1.30	0.06	0.075 0.0117

Sl. No.	Description		No.	L	B	D	Contents	
	Horizontals		1	2	0.60	0.06	0.075	0.0054
								0.0171
	Shutters							
	Styles		1	2	1.21	0.075	0.035	0.0064
	Top, Central, Bottom Rails		1	2	0.51	0.075	0.035	0.0027
								0.0091
	Panels		1	1	1.08	0.384	0.012	0.0050
	Main - Data							
	Frame :							
	0.0171	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0171	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0091	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0050	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.6170	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	1.00	No	Top Tower Bolt 10mm dia, 100mm long				Each	
	1.00	No	Bottom Tower Bolt 10mm dia, 100mm long				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	1.00	No	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.617 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

Sl. No.	Description		No.	L	B	D	Contents	
590	Supplying and Fixing of Windows - Fully Panelled (Single Leaf) - Without Central Rail- 1000 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.075	0.0117
	Horizontals		1	2	1.00	0.06	0.075	0.0090
								0.0207
	Shutters							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails		2	2	0.46	0.075	0.035	0.0048
								0.0175
	Panels		2	1	1.08	0.329	0.012	0.0086
	Main - Data							
	Frame :							
	0.0207	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0207	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0175	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0086	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	1.100	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	2.00	Nos	Top Tower Bolt 10mm dia, 150mm long				Each	
	2.00	Nos	Bottom Tower Bolt 10mm dia, 150mm long				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	2.00	Nos	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	

Sl. No.	Description			No.	L	B	D	Contents	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
								Rate for 1.1 Sq.m	
								Sub Total for 1 sq.m (X)	
								Add water charges @1% of Sub Total X	
								Rate for 1sq.m.	
591	Supplying and Fixing of Windows - Fully Panelled (Single Leaf) - With out Central Rail- 1200 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Posts			1	2	1.30	0.06	0.075	0.0117
	Horizontals			1	2	1.20	0.06	0.075	0.0108
	0.0225								
	Shutters								
	Styles			2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails			2	2	0.56	0.075	0.035	0.0058
	0.0185								
	Panels			2	1	1.08	0.429	0.012	0.0112
	Main - Data								
	Frame :								
	0.0225	Cu.m	Teak Wood Scantlings upto 2m in length					Cu.m	
	0.0225	Cu.m	Labour Wrought and put up in position for Frames					Cu.m	
	Shutters								
	0.0185	Cu.m	Teak Wood Scantlings upto 2m in length					Cu.m	
	0.0112	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick					Sq.m	
	1.3400	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture					Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws					Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.					Each	

Sl. No.	Description			No.	L	B	D	Contents	
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each		
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long				Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
	2.00	Nos	50mm dia Rubber block				Each		
	0.25	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 1.34 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
592	Supplying and Fixing of Windows - Fully Panelled (Single Leaf) - With Central Rail- 600 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Posts			1	2	1.30	0.06	0.075	0.0117
	Horizontals			1	2	0.60	0.06	0.075	0.0054
									0.0171
	Shutters								
	Styles			1	2	1.21	0.075	0.035	0.0064
	Top, Central, Bottom Rails			1	3	0.51	0.075	0.035	0.0040
									0.0104
	Panels			1	2	0.53	0.5160	0.012	0.0066
	Main - Data								
	Frame :								
	0.0171	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0171	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0104	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		

Sl. No.	Description		No.	L	B	D	Contents	
	0.0066	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick			Sq.m		
	0.6170	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture			Sq.m		
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	1.00	No	Top Tower Bolt 10mm dia, 100mm long			Each		
	1.00	No	Bottom Tower Bolt 10mm dia, 100mm long			Each		
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	1.00	No	50mm dia Rubber block			Each		
	0.25	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.617 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
593	Supplying and Fixing of Windows - Fully Panelled (Double Leaf) - With Central Rail - 1000 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.075	0.0117
	Horizontals		1	2	1.00	0.06	0.075	0.0090
								0.0207
	Shutters							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails		2	3	0.46	0.075	0.035	0.0072
								0.0199
	Panels		2	2	0.52	0.329	0.012	0.0081

Sl. No.	Description			No.	L	B	D	Contents
	Main - Data							
	Frame :							
0.0207	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0207	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters							
0.0199	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0081	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
1.1000	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m		
6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each		
2.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each		
2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long				Each		
2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
2.00	Nos	50mm dia Rubber block				Each		
0.25	No	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
		Rate for 1.1 Sq.m						
		Sub Total for 1 sq.m (X)						
		Add water charges @1% of Sub Total X						
		Rate for 1sq.m.						
594	Supplying and Fixing of Windows - Fully Panelled (Double Leaf) - With Central Rail - 1200 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.075	0.0117
	Horizontals		1	2	1.20	0.06	0.075	0.0108
								0.0225

Sl. No.	Description		No.	L	B	D	Contents	
	Shutters							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails		2	3	0.56	0.075	0.035	0.0087
								0.0214
	Panels		2	2	0.52	0.429	0.012	0.0106
	Main - Data							
	Frame :							
	0.0225	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0225	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0214	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0106	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	1.3400	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each	
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	2.00	Nos	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 1.34 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

Sl. No.	Description			No.	L	B	D	Contents	
595	Supplying and Fixing of Windows - Ventilated (Single Leaf) - 600 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Posts	1	2	1.30	0.06	0.075		0.0117	
	Horizontals	1	2	0.60	0.06	0.075		0.0054	
								0.0171	
	Shutters								
	Styles	1	2	1.21	0.075	0.035		0.0064	
	Top, Central, Bottom Rails	1	2	0.51	0.075	0.035		0.0027	
								0.0091	
	Ventilation Blades	1	14	0.4	0.1250	0.012		0.0085	
	Stanchion	1	1	1.12	0.0250	0.018		0.0005	
								0.0090	
	Main - Data								
	Frame :								
	0.0171	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0171	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0091	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0090	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
	0.6170	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m		
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each		
	1.00	No	Top Tower Bolt 10mm dia, 100mm long				Each		
	1.00	No	Bottom Tower Bolt 10mm dia, 100mm long				Each		
	14.00	Nos	Ventilation hooks				Each		

Sl. No.	Description			No.	L	B	D	Contents
	1.00	No	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.617 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
596	Supplying and Fixing of Windows - Ventilated (Double Leaf) - 1000 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts	1	2	1.30	0.06	0.075	0.0117	
	Horizontals	1	2	1.00	0.06	0.075	0.0090	
								0.0207
	Shutters							
	Styles	2	2	1.21	0.075	0.035	0.0127	
	Top, Central, Bottom Rails	2	2	0.46	0.075	0.035	0.0048	
								0.0175
	Ventilation Blades	2	14	0.35	0.1250	0.012	0.0149	
	Stanchion	2	1	1.12	0.0250	0.018	0.0010	
								0.0159
	Main - Data							
	Frame :							
	0.0207	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0207	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0175	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0159	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	

Sl. No.	Description		No.	L	B	D	Contents	
	1.10	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture			Sq.m		
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long			Each		
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long			Each		
	28.00	Nos	Ventilation hooks			Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	2.00	Nos	50mm dia Rubber block			Each		
	0.25	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 1.1 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
597	Supplying and Fixing of Windows - Ventilated (Double Leaf) - 1200 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.075	0.0117
	Horizontals		1	2	1.20	0.06	0.075	0.0108
							0.0225	
	Shutters							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top, Central, Bottom Rails		2	2	0.56	0.075	0.035	0.0058
							0.0185	
	Ventilation Blades		2	14	0.45	0.1250	0.012	0.0191
	Stanchion		2	1	1.12	0.0250	0.018	0.0010
							0.0201	

Sl. No.	Description		No.	L	B	D	Contents
	Main - Data						
	Frame :						
	0.0225	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.0225	Cu.m	Labour Wrought and put up in position for Frames			Cu.m	
	Shutters						
	0.0185	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.0201	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick			Sq.m	
	1.3400	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture			Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each	
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long			Each	
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long			Each	
	28.00	Nos	Ventilation hooks			Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each	
	2.00	Nos	50mm dia Rubber block			Each	
	0.25	No	Fitter Class - I			Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS	
			Rate for 1.34 Sq.m				
			Sub Total for 1 sq.m (X)				
			Add water charges @1% of Sub Total X				
			Rate for 1sq.m.				
598	Supplying and Fixing of Windows - Ledged Braced & Planked (Single Leaf) - 600 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Posts		1	2	1.30	0.06	0.075 0.0117

Sl. No.	Description		No.	L	B	D	Contents	
	Horizontals		1	2	0.60	0.06	0.075	0.0054
								0.0171
	Shutters							
	Ledges Top		1	1	0.51	0.075	0.025	0.0010
	Ledges Central, Bottom		1	2	0.51	0.075	0.025	0.0019
	Top Braces		1	1	0.65	0.075	0.025	0.0012
	Bottom Braces		1	1	0.65	0.075	0.025	0.0012
								0.0053
	Planks Incl. Joints 12mm		1	1	1.2	0.548	0.018	0.0118
	Main - Data							
	Frame :							
0.0171	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0171	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters							
0.0053	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0118	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
0.6576	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m		
6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
2.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 200 x 90 x 2.0 mm				Each		
1.00	No	Top Tower Bolt 10mm dia, 100mm long				Each		
1.00	No	Bottom Tower Bolt 10mm dia, 100mm long				Each		
1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each		
0.25	kg	50mm wire nail				kg		
1.00	No	50mm dia Rubber block				Each		
0.25	No	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
		Rate for 0.6576 Sq.m						

Sl. No.	Description			No.	L	B	D	Contents	
			Sub Total for 1 sq.m (X)						
			Add water charges @1% of Sub Total X						
			Rate for 1sq.m.						
599	Supplying and Fixing of Windows - Ledged Braced & Planked (Double Leaf) - 1000 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Posts	1	2	1.30	0.06	0.075	0.0117		
	Horizontals	1	2	1.00	0.06	0.075	0.0090		
								0.0207	
	Shutters								
	Ledges Top	1	2	0.46	0.075	0.025	0.0017		
	Ledges Central, Bottom	2	2	0.46	0.075	0.025	0.0034		
	Top Braces	1	2	0.55	0.075	0.025	0.0021		
	Bottom Braces	1	2	0.55	0.075	0.025	0.0021		
								0.0093	
	Planks Incl. Joints 12mm	1	2	1.2	0.498	0.018	0.0215		
	Main - Data								
	Frame :								
	0.0207	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0207	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0093	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0215	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
	1.1952	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m		
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
	4.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 200 x 90 x 2.0 mm				Each		

Sl. No.	Description			No.	L	B	D	Contents	
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each		
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long				Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
	0.50	kg	50mm wire nail				kg		
	2.00	Nos	50mm dia Rubber block				Each		
	0.25	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
			Rate for 1.1952 Sq.m						
			Sub Total for 1 sq.m (X)						
			Add water charges @1% of Sub Total X						
			Rate for 1sq.m.						
600	Supplying and Fixing of Windows - Ledged Braced & Planked (Double Leaf) - 1200 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Posts			1	2	1.30	0.06	0.075	0.0117
	Horizontals			1	2	1.20	0.06	0.075	0.0108
	0.0225								
	Shutters								
	Ledges Top			1	2	0.56	0.075	0.025	0.0021
	Ledges Central, Bottom			2	2	0.56	0.075	0.025	0.0042
	Top Braces			1	2	0.65	0.075	0.025	0.0024
	Bottom Braces			1	2	0.65	0.075	0.025	0.0024
	0.0111								
	Planks Incl. Joints 12mm			1	2	1.2	0.598	0.018	0.0258
	Main - Data								
	Frame :								
	0.0225	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0225	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		

Sl. No.	Description			No.	L	B	D	Contents
	Shutters							
	0.0111	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0258	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	1.4352	Sq.m	Labour Wrought and put up for Shutters of Glazed windows including labour charges for Fixing Furniture				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	"T" Hinges fixed with 6.3mm dia bolts blurred at nuts on the inside MS 200 x 90 x 2.0 mm				Each	
	2.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each	
	2.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	0.50	kg	50mm wire nail				kg	
	2.00	Nos	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 1.4352 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
601	Supplying and Fixing of Windows - Glazed Outside and Flyproof Inside (Single Leaf) - 600 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.120	0.0187
	Horizontals		1	2	0.60	0.06	0.120	0.0086
								0.0273
	Glazed Shutters (Outside)							
	Styles		1	2	1.21	0.075	0.035	0.0064
	Top rails		1	1	0.51	0.075	0.035	0.0013

Sl. No.	Description		No.	L	B	D	Contents	
	Bottom Rails		1	1	0.51	0.075	0.035	0.0013
	Flyproof Shutters (Inside)							
	Styles		1	2	1.21	0.075	0.035	0.0064
	Top rails		1	1	0.51	0.075	0.035	0.0013
	Bottom Rails		1	1	0.51	0.075	0.035	0.0013
								0.0181
	Beading for glass panels		1	1	2.98	0.015	0.012	0.0005
	Beading for flyproof panels		1	2	1.71	0.015	0.012	0.0006
								0.0011
	Galvanised Iron Fly Proof Mesh		1	2	0.39	0.516		0.3984
	Glass panes		1	1	1.08	0.384		0.4163
	Main - Data							
	Frame :							
	0.0273	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0273	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0192	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0011	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.6170	Sq.m	Labour Wrought and put up for Shutters of Glazed Inside				Sq.m	
	0.6170	Sq.m	Labour Wrought and put up for Shutters of Flyproof window including labour charges for Fixing Furniture				Sq.m	
	0.416	Sq.m	Glass Panels 3mm				Sq.m	
	0.398	Sq.m	Galvanised Fly proof mesh				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	2.00	Nos	Top Tower Bolt 10mm dia, 100mm long				Each	
	2.00	Nos	Bottom Tower Bolt 10mm dia, 100mm long				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	

Sl. No.	Description			No.	L	B	D	Contents
	2.00	Nos	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.617 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
602	Supplying and Fixing of Windows - Glazed Outside and Flyproof Inside (Double Leaf) - 1000 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts	1	2	1.30	0.06	0.120	0.0187	
	Horizontals	1	2	1.00	0.06	0.120	0.0144	
								0.0331
	Glazed Shutters (Outside)							
	Styles	2	2	1.21	0.075	0.035	0.0127	
	Top & Bottom rails	2	2	0.46	0.075	0.035	0.0048	
	Flyproof Shutters (Inside)							
	Styles	2	2	1.21	0.075	0.035	0.0127	
	Top & Bottom rails	2	3	0.46	0.075	0.035	0.0072	
								0.0374
	Beading for glass panels	2	2	2.83	0.015	0.012	0.0020	
	Beading for flyproof panels	2	2	1.59	0.015	0.012	0.0011	
								0.0032
	Galvanised Iron Fly Proof Mesh	2	2	0.33	0.516		0.6791	
	Glass panes	1	2	1.08	0.329		0.7133	
	Main - Data							
	Frame :							
	0.0331	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	

Sl. No.	Description			No.	L	B	D	Contents
	0.0331	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0374	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0032	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	1.1000	Sq.m	Labour Wrought and put up for Shutters of Glazed Inside				Sq.m	
	1.1000	Sq.m	Labour Wrought and put up for Shutters of Flyproof window including labour charges for Fixing Furniture				Sq.m	
	0.7133	Sq.m	Glass Panels 3mm				Sq.m	
	0.6791	Sq.m	Galvanised Fly proof mesh				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	8.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each	
	4.00	Nos	Bottom Tower Bolt 10mm dia, 75mm long				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	4.00	Nos	50mm dia Rubber block				Each	
	0.25	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
							Rate for 1.1 Sq.m	
							Sub Total for 1 sq.m (X)	
							Add water charges @1% of Sub Total X	
							Rate for 1sq.m.	
603	Supplying and Fixing of Windows - Glazed Outside and Flyproof Inside (Double Leaf) - 1200 x 1300 etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Posts		1	2	1.30	0.06	0.120	0.0187
	Horizontals		1	2	1.20	0.06	0.120	0.0173
								0.0360

Sl. No.	Description		No.	L	B	D	Contents	
	Glazed Shutters (Outside)							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top & Bottom rails		2	2	0.56	0.075	0.035	0.0058
	Flyproof Shutters (Inside)							
	Styles		2	2	1.21	0.075	0.035	0.0127
	Top & Bottom rails		2	3	0.56	0.075	0.035	0.0087
								0.0399
	Beading for glass panels		2	3		0.015	0.012	
	Beading for flyproof panels		2	2		0.015	0.012	
	Galvanised Iron Fly Proof Mesh		2	2	0.43	0.516		0.8855
	Glass panes		1	2	1.08	0.429		0.9301
	Main - Data							
	Frame :							
	0.0360	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0360	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0399	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0035	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	1.3400	Sq.m	Labour Wrought and put up for Shutters of Glazed Inside				Sq.m	
	1.3400	Sq.m	Labour Wrought and put up for Shutters of Flyproof window including labour charges for Fixing Furniture				Sq.m	
	0.9301	Sq.m	Glass Panels 3mm				Sq.m	
	0.8860	Sq.m	Galvanised Fly proof mesh				Sq.m	
	6.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	8.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	Top Tower Bolt 10mm dia, 75mm long				Each	

Sl. No.	Description			No.	L	B	D	Contents	
	4.00	Nos	BottomTower Bolt 10mm dia, 75mm long				Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
	4.00	Nos	50mm dia Rubber block				Each		
	0.25	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 1.34 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
604	Supplying and Fixing of Ventilators - Top Hung (Single Leaf) - 600 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	2	0.60	0.06	0.075	0.0054
	Vertical			1	2	0.45	0.06	0.075	0.0041
	0.0095								
	Shutters ;								
	Styles			1	2	0.36	0.06	0.035	0.0015
	Top rails & Bottom Rails			1	2	0.51	0.06	0.035	0.0021
	Beading for glass panels			1	1	1.49	0.015	0.012	0.0003
	0.0039								
	Glass panes 3mm thick			1	1	0.41	0.264		0.1093
	Main - Data								
	Frame :								
	0.0095	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0095	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0039	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		

Sl. No.	Description		No.	L	B	D	Contents	
	0.1836	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture			Sq.m		
	0.1093	Sq.m	Glass Panels 3mm			Sq.m		
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	4.00	Nos	MS rod 10mm dia & 600mm long			Each		
	1.00	No	50mm dia hook & eye			Each		
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	0.20	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.1836 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
605	Supplying and Fixing of Ventilators - Top Hung (Single Leaf) - 750 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	0.75	0.06	0.075	0.0068
	Vertical		1	2	0.45	0.06	0.075	0.0041
							0.0109	
	Shutters ;							
	Styles		1	2	0.36	0.06	0.035	0.0015
	Top rails & Bottom Rails		1	2	0.66	0.06	0.035	0.0028
	Beading for glass panels		1	1	1.61	0.015	0.012	0.0003
							0.0046	
	Glass panes 3mm thick		1	1	0.56	0.264		0.1489

Sl. No.	Description			No.	L	B	D	Contents
	Main - Data							
	Frame :							
0.0109	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0109	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters							
0.0046	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.2376	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
0.149	Sq.m	Glass Panels 3mm				Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each		
4.00	Nos	MS rod 10mm dia & 750mm long				Each		
1.00	No	50mm dia hook & eye				Each		
1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each		
0.20	No	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
			Rate for 0.2376 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
606	Supplying and Fixing of Ventilators - Top Hung (Single Leaf) - 600 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals	1	2	0.60	0.06	0.075	0.0054	
	Vertical	1	2	0.60	0.06	0.075	0.0054	
							0.0108	
	Shutters ;							

Sl. No.	Description		No.	L	B	D	Contents	
	Styles		1	2	0.51	0.06	0.035	0.0021
	Top rails & Bottom Rails		1	2	0.51	0.06	0.035	0.0021
	Beading for glass panels		1	1	1.61	0.015	0.012	0.0003
								0.0046
	Glass panes 3mm thick		1	1	0.41	0.414		0.1714
	Main - Data							
	Frame :							
	0.0108	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0108	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0046	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.2376	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.1714	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	1.00	No	50mm dia hook & eye				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	4.00	Nos	MS rod 10mm dia & 600mm long				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.2376 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
607	Supplying and Fixing of Ventilators - Top Hung - 1300 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							

Sl. No.	Description		No.	L	B	D	Contents	
	Frame :							
	Horizontal		1	2	1.30	0.06	0.075	0.0117
	Vertical		1	3	0.60	0.06	0.075	0.0081
								0.0198
	Shutters ;							
	Styles		2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails		2	2	0.59	0.06	0.035	0.0050
								0.0093
	Beading for glass panels		1	2	1.77	0.015	0.012	0.0006
	Glass panes 3mm thick		1	2	0.49	0.414		0.4100
	Main - Data							
	Frame :							
	0.0198	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0198	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0093	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0006	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.6000	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.4100	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	2.00	Nos	50mm dia hook & eye				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	4.00	Nos	MS rod 10mm dia & 1300mm long				Each	
	0.20	Nos	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.6 Sq.m					

Sl. No.	Description			No.	L	B	D	Contents	
				Sub Total for 1 sq.m (X)					
				Add water charges @1% of Sub Total X					
				Rate for 1sq.m.					
608	Supplying and Fixing of Ventilators - Top Hung - 1500 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	2	1.50	0.06	0.075	0.0135
	Vertical			1	4	0.60	0.06	0.075	0.0108
								0.0243	
	Shutters ;								
	Styles			2	3	0.51	0.06	0.035	0.0064
	Top rails & Bottom Rails			2	3	0.45	0.06	0.035	0.0057
								0.0121	
	Beading for glass panels			1	3	1.49	0.015	0.012	0.0008
	Glass panes 3mm thick			1	3	0.35	0.414		0.4397
	Main - Data								
	Frame :								
	0.0243	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0243	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0121	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0008	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
	0.6900	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
	0.44	Sq.m	Glass Panels 3mm				Sq.m		
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		

Sl. No.	Description		No.	L	B	D	Contents	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	3.00	Nos	50mm dia hook & eye			Each		
	3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	4.00	Nos	MS rod 10mm dia & 1500mm long			Each		
	0.20	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.69 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
609	Supplying and Fixing of Ventilators - Top Hung - 1800 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontal		1	2	1.80	0.06	0.075	0.0162
	Vertical		1	4	0.60	0.06	0.075	0.0108
							0.0270	
	Shutters ;							
	Styles		2	3	0.51	0.06	0.035	0.0064
	Top rails & Bottom Rails		2	3	0.55	0.06	0.035	0.0069
							0.0133	
	Beading for glass panels		1	3	1.69	0.015	0.012	0.0009
	Glass panes 3mm thick		1	3	0.45	0.414		0.5639
	Main - Data							
	Frame :							
	0.0270	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m		
	0.0270	Cu.m	Labour Wrought and put up in position for Frames			Cu.m		

Sl. No.	Description			No.	L	B	D	Contents
Shutters								
0.0133	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0009	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
0.85	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
0.5640	Sq.m	Glass Panels 3mm				Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
6.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each		
3.00	Nos	50mm dia hook & eye				Each		
3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
4.00	Nos	MS rod 10mm dia & 1800mm long				Each		
0.20	No	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
		Rate for 0.85 Sq.m						
		Sub Total for 1 sq.m (X)						
		Add water charges @1% of Sub Total X						
		Rate for 1sq.m.						
610	Supplying and Fixing of Ventilators - Bottom Hung (Single Leaf) - 600 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
Sub - Data								
Frame :								
	Horizontals	1	2	0.60	0.06	0.075	0.0054	
	Vertical	1	2	0.45	0.06	0.075	0.0041	
								0.0095
Shutters ;								
	Styles	1	2	0.36	0.06	0.035	0.0015	
	Top rails & Bottom Rails	1	2	0.51	0.06	0.035	0.0021	
	Beading for glass panels	1	1	1.49	0.015	0.012	0.0003	
								0.0039

Sl. No.	Description		No.	L	B	D	Contents	
	Glass panes 3mm thick		1	1	0.41	0.264	0.1093	
Main - Data								
Frame :								
0.0095	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0095	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
Shutters								
0.0039	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.1836	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
0.1090	Sq.m	Glass Panels 3mm				Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each		
4.00	Nos	MS rod 10mm dia & 600mm long				Each		
1.00	No	50mm dia hook & eye				Each		
1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each		
0.20	No	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
						Rate for 0.1836 Sq.m		
						Sub Total for 1 sq.m (X)		
						Add water charges @1% of Sub Total X		
						Rate for 1sq.m.		
611	Supplying and Fixing of Ventilators - Bottom Hung (Single Leaf) - 750 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
Sub - Data								
	Frame :							
	Horizontals		1	2	0.75	0.06	0.075	0.0068
	Vertical		1	2	0.45	0.06	0.075	0.0041
								0.0109

Sl. No.	Description		No.	L	B	D	Contents
	Shutters ;						
	Styles		1	2	0.36	0.06	0.0015
	Top rails & Bottom Rails		1	2	0.66	0.06	0.0028
	Beading for glass panels		1	1	1.61	0.015	0.012
							0.0046
	Glass panes 3mm thick		1	1	0.56	0.264	0.1489
Main - Data							
Frame :							
	0.0109	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.0109	Cu.m	Labour Wrought and put up in position for Frames			Cu.m	
Shutters							
	0.0046	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.2376	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture			Sq.m	
	0.149	Sq.m	Glass Panels 3mm			Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each	
	4.00	Nos	MS rod 10mm dia & 750mm long			Each	
	1.00	No	50mm dia hook & eye			Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel			Each	
	0.20	No	Fitter Class - I			Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS	
			Rate for 0.2376 Sq.m				
			Sub Total for 1 sq.m (X)				
			Add water charges @1% of Sub Total X				
			Rate for 1sq.m.				

Sl. No.	Description		No.	L	B	D	Contents	
612	Supplying and Fixing of Ventilators - Bottom Hung (Single Leaf) - 600 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	0.60	0.06	0.075	0.0054
	Vertical		1	2	0.60	0.06	0.075	0.0054
	0.0108							
	Shutters ;							
	Styles		1	2	0.51	0.06	0.035	0.0021
	Top rails & Bottom Rails		1	2	0.51	0.06	0.035	0.0021
	0.0042							
	Beading for glass panels		1	1	1.61	0.015	0.012	0.0003
	Glass panes 3mm thick		1	1	0.41	0.414		0.1714
	Main - Data							
	Frame :							
	0.0108	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0108	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0042	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0003	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.2376	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.1714	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	1.00	No	50mm dia hook & eye				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	4.00	Nos	MS rod 10mm dia & 600mm long				Each	

Sl. No.	Description			No.	L	B	D	Contents	
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
			Rate for 0.2376 Sq.m						
			Sub Total for 1 sq.m (X)						
			Add water charges @1% of Sub Total X						
			Rate for 1sq.m.						
613	Supplying and Fixing of Ventilators - Bottom Hung (Double Leaf) - 1000 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	2	1.00	0.06	0.075	0.0090
	Vertical			1	2	0.60	0.06	0.075	0.0054
	0.0144								
	Shutters ;								
	Styles			2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails			2	2	0.44	0.06	0.035	0.0037
	0.0080								
	Beading for glass panels			1	2	1.47	0.015	0.012	0.0005
	Glass panes 3mm thick			1	2	0.34	0.414		0.2848
	Main - Data								
	Frame :								
	0.0144	Cu.m	Teak Wood Scantlings upto 2m in length					Cu.m	
	0.0144	Cu.m	Labour Wrought and put up in position for Frames					Cu.m	
	Shutters								
	0.0080	Cu.m	Teak Wood Scantlings upto 2m in length					Cu.m	
	0.0005	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick					Sq.m	
	0.450	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture					Sq.m	
	0.285	Sq.m	Glass Panels 3mm					Sq.m	

Sl. No.	Description		No.	L	B	D	Contents	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	4.00	Nos	MS rod 10mm dia & 1000mm long			Each		
	2.00	Nos	50mm dia hook & eye			Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	0.20	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.45 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
614	Supplying and Fixing of Ventilators - Bottom Hung (Double Leaf) - 1200 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.20	0.06	0.075	0.0108
	Vertical		1	3	0.60	0.06	0.075	0.0081
							0.0189	
	Shutters ;							
	Styles		2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails		2	2	0.54	0.06	0.035	0.0045
							0.0088	
	Beading for glass panels		1	2	1.67	0.015	0.012	0.0006
	Glass panes 3mm thick		1	2	0.44	0.414		0.3676
	Main - Data							
	Frame :							
	0.0189	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m		
	0.0189	Cu.m	Labour Wrought and put up in position for Frames			Cu.m		

Sl. No.	Description		No.	L	B	D	Contents
	Shutters						
0.0088	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
0.0006	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
0.55	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
0.368	Sq.m	Glass Panels 3mm				Sq.m	
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
4.00	Nos	MS rod 10mm dia & 1200mm long				Each	
2.00	Nos	50mm dia hook & eye				Each	
2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
0.20	No	Fitter Class - I				Each	
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
						Rate for 0.55 Sq.m	
						Sub Total for 1 sq.m (X)	
						Add water charges @1% of Sub Total X	
						Rate for 1sq.m.	
615	Supplying and Fixing of Ventilators - Bottom Hung - 1300 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Horizontals	1	2	1.30	0.06	0.075	0.0117
	Vertical	1	3	0.60	0.06	0.075	0.0081
							0.0198
	Shutters ;						
	Styles	2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails	2	2	0.59	0.06	0.035	0.0050
							0.0093

Sl. No.	Description		No.	L	B	D	Contents	
	Vertical		1	4	0.60	0.06	0.075	0.0108
								0.0243
	Shutters ;							
	Styles		2	3	0.51	0.06	0.035	0.0064
	Top rails & Bottom Rails		2	3	0.45	0.06	0.035	0.0057
								0.0121
	Beading for glass panels		1	3	1.49	0.015	0.012	0.0008
	Glass panes 3mm thick		1	3	0.35	0.414		0.4397
	Main - Data							
	Frame :							
	0.0243	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0243	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0121	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0008	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.690	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.440	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	MS rod 10mm dia & 1500mm long				Each	
	3.00	Nos	50mm dia hook & eye				Each	
	3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	0.20	Nos	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.69 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

Sl. No.	Description		No.	L	B	D	Contents	
617	Supplying and Fixing of Ventilators - Bottom Hung - 1800 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.80	0.06	0.075	0.0162
	Vertical		1	4	0.60	0.06	0.075	0.0108
								0.0270
	Shutters ;							
	Styles		2	3	0.51	0.06	0.035	0.0064
	Top rails & Bottom Rails		2	3	0.55	0.06	0.035	0.0069
								0.0133
	Beading for glass panels		1	3	1.69	0.015	0.012	0.0009
	Glass panes 3mm thick		1	3	0.45	0.414		0.5639
	Main - Data							
	Frame :							
	0.0270	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0270	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0133	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0009	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.850	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.564	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	MS rod 10mm dia & 1800mm long				Each	
	3.00	Nos	50mm dia hook & eye				Each	
	3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	

Sl. No.	Description		No.	L	B	D	Contents	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	4.00	Nos	MS rod 10mm dia & 600mm long			Each		
	1.00	No	50mm dia hook & eye			Each		
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	0.20	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.1836 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
619	Supplying and Fixing of Ventilators - Side Hung (Single Leaf) - 750 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	0.75	0.06	0.075	0.0068
	Vertical		1	2	0.45	0.06	0.075	0.0041
							0.0109	
	Shutters ;							
	Styles		1	2	0.36	0.06	0.035	0.0015
	Top rails & Bottom Rails		1	2	0.66	0.06	0.035	0.0028
	Beading for glass panels		1	1	1.61	0.015	0.012	0.0003
							0.0046	
	Glass panes 3mm thick		1	1	0.56	0.264		0.1489
	Main - Data							
	Frame :							
	0.0109	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m		
	0.0109	Cu.m	Labour Wrought and put up in position for Frames			Cu.m		

Sl. No.	Description			No.	L	B	D	Contents
	Shutters							
	0.0046	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.2376	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.149	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	MS rod 10mm dia & 750mm long				Each	
	1.00	No	50mm dia hook & eye				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	
		Nos	50mm dia Rubber block				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
							Rate for 0.2376 Sq.m	
							Sub Total for 1 sq.m (X)	
							Add water charges @1% of Sub Total X	
							Rate for 1sq.m.	
620	Supplying and Fixing of Ventilators - Side Hung (Single Leaf) - 600 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	0.60	0.06	0.075	0.0054
	Vertical		1	2	0.60	0.06	0.075	0.0054
								0.0108
	Shutters ;							
	Styles		1	2	0.51	0.06	0.035	0.0021
	Top rails & Bottom Rails		1	2	0.51	0.06	0.035	0.0021
								0.0042

Sl. No.	Description		No.	L	B	D	Contents	
	Beading for glass panels		1	1	1.61	0.015	0.012	0.0003
	Glass panes 3mm thick		1	1	0.41	0.414		0.1714
	Main - Data							
	Frame :							
	0.0108	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0108	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0042	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0003	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.2600	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.1714	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	1.00	No	50mm dia hook & eye				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	4.00	Nos	MS rod 10mm dia & 600mm long				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.26 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
621	Supplying and Fixing of Ventilators - Side Hung (Double Leaf) - 1000 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.00	0.06	0.075	0.0090

Sl. No.	Description		No.	L	B	D	Contents	
	Vertical		1	2	0.60	0.06	0.075	0.0054
								0.0144
	Shutters ;							
	Styles		2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails		2	2	0.44	0.06	0.035	0.0037
								0.0080
	Beading for glass panels		1	2	1.47	0.015	0.012	0.0005
	Glass panes 3mm thick		1	2	0.34	0.414		0.2848
Main - Data								
Frame :								
0.0144	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0144	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
Shutters								
0.0080	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0005	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
0.45	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
0.285	Sq.m	Glass Panels 3mm				Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each		
4.00	Nos	MS rod 10mm dia & 1000mm long				Each		
2.00	Nos	50mm dia hook & eye				Each		
2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
0.20	Nos	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
			Rate for 0.45 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

Sl. No.	Description		No.	L	B	D	Contents	
622	Supplying and Fixing of Ventilators - Side Hung (Double Leaf) - 1200 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.20	0.06	0.075	0.0108
	Vertical		1	3	0.60	0.06	0.075	0.0081
								0.0189
	Shutters ;							
	Styles		2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails		2	2	0.54	0.06	0.035	0.0045
								0.0088
	Beading for glass panels		1	2	1.67	0.015	0.012	0.0006
	Glass panes 3mm thick		1	2	0.44	0.414		0.3676
	Main - Data							
	Frame :							
	0.0189	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0189	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0088	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0006	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.5500	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.368	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	MS rod 10mm dia & 1200mm long				Each	
	2.00	Nos	50mm dia hook & eye				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	

Sl. No.	Description			No.	L	B	D	Contents	
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
			Rate for 0.55 Sq.m						
			Sub Total for 1 sq.m (X)						
			Add water charges @1% of Sub Total X						
			Rate for 1sq.m.						
623	Supplying and Fixing of Ventilators - Side Hung - Double Leaf -1300 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	2	1.30	0.06	0.075	0.0117
	Vertical			1	3	0.60	0.06	0.075	0.0081
	0.0198								
	Shutters ;								
	Styles			2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails			2	2	0.59	0.06	0.035	0.0050
	0.0093								
	Beading for glass panels			1	2	1.77	0.015	0.012	0.0006
	Glass panes 3mm thick			1	2	0.49	0.414		0.4090
	Main - Data								
	Frame :								
	0.0198	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0198	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0093	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0006	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
	0.6000	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
	0.41	Sq.m	Glass Panels 3mm				Sq.m		

Sl. No.	Description		No.	L	B	D	Contents	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	4.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.			Each		
	4.00	Nos	MS rod 10mm dia & 1300mm long			Each		
	2.00	Nos	50mm dia hook & eye			Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	0.20	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.6 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
624	Supplying and Fixing of Ventilators - Side Hung - 1500 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.50	0.06	0.075	0.0135
	Vertical		1	4	0.60	0.06	0.075	0.0108
							0.0243	
	Shutters ;							
	Styles		2	3	0.51	0.06	0.035	0.0064
	Top rails & Bottom Rails		2	3	0.45	0.06	0.035	0.0057
							0.0121	
	Beading for glass panels		1	3	1.49	0.015	0.012	0.0008
	Glass panes 3mm thick		1	3	0.35	0.414		0.4397
	Main - Data							
	Frame :							
	0.0243	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m		
	0.0243	Cu.m	Labour Wrought and put up in position for Frames			Cu.m		

Sl. No.	Description		No.	L	B	D	Contents
	Shutters						
0.0121	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
0.0008	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
0.6900	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
0.440	Sq.m	Glass Panels 3mm				Sq.m	
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
6.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
4.00	Nos	MS rod 10mm dia & 1500mm long				Each	
3.00	Nos	50mm dia hook & eye				Each	
3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
0.20	No	Fitter Class - I				Each	
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
						Rate for 0.69 Sq.m	
						Sub Total for 1 sq.m (X)	
						Add water charges @1% of Sub Total X	
						Rate for 1sq.m.	
625	Supplying and Fixing of Ventilators - Side Hung - 1800 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Horizontals	1	2	1.80	0.06	0.075	0.0162
	Vertical	1	4	0.60	0.06	0.075	0.0108
							0.0270
	Shutters ;						
	Styles	2	3	0.51	0.06	0.035	0.0064
	Top rails & Bottom Rails	2	3	0.55	0.06	0.035	0.0069
							0.0133

Sl. No.	Description		No.	L	B	D	Contents	
	Beading for glass panels		1	3	1.69	0.015	0.012	0.0009
	Glass panes 3mm thick		1	3	0.45	0.414		0.5639
	Main - Data							
	Frame :							
	0.0270	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0270	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0133	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0009	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.8500	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.564	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	6.00	Nos	Butt Hinges fixed with screws of 50mm length 75 x 47 x 1.70 mm LO 75 X 63 X 4.8/4mm AL.				Each	
	4.00	Nos	MS rod 10mm dia & 1800mm long				Each	
	3.00	Nos	50mm dia hook & eye				Each	
	3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.85 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
626	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted (Single Leaf) - 600 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	0.60	0.06	0.075	0.0054

Sl. No.	Description		No.	L	B	D	Contents	
	Vertical		1	2	0.45	0.06	0.075	0.0041
								0.0095
	Shutters ;							
	Styles		1	2	0.36	0.06	0.035	0.0015
	Top rails & Bottom Rails		1	2	0.51	0.06	0.035	0.0021
	Beading for glass panels		1	1	1.49	0.015	0.012	0.0003
								0.0039
	Glass panes 3mm thick		1	1	0.41	0.264		0.1093
	Main - Data							
	Frame :							
	0.0095	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0095	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0039	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.1836	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.109	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Pairs	Iron Sash Centres 68 x 18 x 6mm				Each	
	2.00	Nos	MS rod 10mm dia & 600mm long				Each	
	1.00	No	50mm dia hook & eye				Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.1836 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

Sl. No.	Description		No.	L	B	D	Contents
627	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted (Single Leaf) - 750 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Horizontals		1	2	0.75	0.06	0.0068
	Vertical		1	2	0.45	0.06	0.0041
							0.0109
	Shutters ;						
	Styles		1	2	0.36	0.06	0.0015
	Top rails & Bottom Rails		1	2	0.66	0.06	0.0028
	Beading for glass panels		1	1	1.61	0.015	0.0003
							0.0046
	Glass panes 3mm thick		1	1	0.56	0.264	0.1489
	Main - Data						
	Frame :						
	0.0109	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.0109	Cu.m	Labour Wrought and put up in position for Frames			Cu.m	
	Shutters						
	0.0046	Cu.m	Teak Wood Scantlings upto 2m in length			Cu.m	
	0.2376	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture			Sq.m	
	0.149	Sq.m	Glass Panels 3mm			Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each	
	2.00	Pairs	Iron Sash Centres 68 x 18 x 6mm			Each	
	2.00	Nos	MS rod 10mm dia & 750mm long			Each	
	1.00	No	50mm dia hook & eye			Each	
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel			Each	
	0.20	No	Fitter Class - I			Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS	

Sl. No.	Description			No.	L	B	D	Contents
			Rate for 0.2376 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
628	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted (Single Leaf) - 600 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals	1	2	0.60	0.06	0.075	0.0054	
	Vertical	1	2	0.60	0.06	0.075	0.0054	
								0.0108
	Shutters ;							
	Styles	1	2	0.51	0.06	0.035	0.0021	
	Top rails & Bottom Rails	1	2	0.51	0.06	0.035	0.0021	
								0.0042
	Beading for glass panels	1	1	1.61	0.015	0.012	0.0003	
	Glass panes 3mm thick	1	1	0.41	0.414		0.1714	
	Main - Data							
	Frame :							
	0.0108	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0108	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0042	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0003	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.2600	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.1714	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	2.00	Pairs	Iron Sash Centres 68 x 18 x 6mm				Each	

Sl. No.	Description			No.	L	B	D	Contents	
	1.00	No	50mm dia hook & eye				Each		
	1.00	No	Cabinhook 200mm and eye made out of 6mm round steel				Each		
	2.00	Nos	MS rod 10mm dia & 600mm long				Each		
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 0.26 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
629	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted (Double Leaf) - 1000 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	2	1.00	0.06	0.075	0.0090
	Vertical			1	2	0.60	0.06	0.075	0.0054
	0.0144								
	Shutters ;								
	Styles			2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails			2	2	0.44	0.06	0.035	0.0037
	0.0080								
	Beading for glass panels			1	2	1.47	0.015	0.012	0.0005
	Glass panes 3mm thick			1	2	0.34	0.414		0.2848
	Main - Data								
	Frame :								
	0.0144	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0144	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.0080	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		

Sl. No.	Description		No.	L	B	D	Contents	
	0.0005	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick			Sq.m		
	0.4500	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture			Sq.m		
	0.285	Sq.m	Glass Panels 3mm			Sq.m		
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws			Each		
	4.00	Pairs	Iron Sash Centres 68 x 18 x 6mm			Each		
	2.00	Nos	MS rod 10mm dia & 1000mm long			Each		
	2.00	Nos	50mm dia hook & eye			Each		
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel			Each		
	0.20	No	Fitter Class - I			Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.			LS		
			Rate for 0.45 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					
630	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted (Double Leaf) - 1200 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.20	0.06	0.075	0.0108
	Vertical		1	3	0.60	0.06	0.075	0.0081
								0.0189
	Shutters ;							
	Styles		2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails		2	2	0.54	0.06	0.035	0.0045
								0.0088
	Beading for glass panels		1	2	1.67	0.015	0.012	0.0006
	Glass panes 3mm thick		1	2	0.44	0.414		0.3676

Sl. No.	Description		No.	L	B	D	Contents	
	Main - Data							
	Frame :							
0.0189	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0189	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters							
0.0088	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0006	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m		
0.5500	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
0.368	Sq.m	Glass Panels 3mm				Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
4.00	Pairs	Iron Sash Centres 68 x 18 x 6mm				Each		
2.00	Nos	MS rod 10mm dia & 1200mm long				Each		
2.00	Nos	50mm dia hook & eye				Each		
2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
0.20	No	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
						Rate for 0.55 Sq.m		
						Sub Total for 1 sq.m (X)		
						Add water charges @1% of Sub Total X		
						Rate for 1sq.m.		
631	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted - 1300 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals		1	2	1.30	0.06	0.075	0.0117
	Vertical		1	3	0.60	0.06	0.075	0.0081
								0.0198

Sl. No.	Description		No.	L	B	D	Contents	
	Shutters ;							
	Styles		2	2	0.51	0.06	0.035	0.0043
	Top rails & Bottom Rails		2	2	0.59	0.06	0.035	0.0050
								0.0093
	Beading for glass panels		1	2	1.77	0.015	0.012	0.0006
	Glass panes 3mm thick		1	2	0.49	0.414		0.4090
	Main - Data							
	Frame :							
	0.0198	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0198	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
	Shutters							
	0.0093	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0006	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick				Sq.m	
	0.6000	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.41	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Pairs	Iron Sash Centres 68 x 18 x 6mm				Each	
	2.00	Nos	MS rod 10mm dia & 1300mm long				Each	
	2.00	Nos	50mm dia hook & eye				Each	
	2.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each	
	0.20	Nos	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.6 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

Sl. No.	Description			No.	L	B	D	Contents	
632	Supplying and Fixing of Swing - Ventilators - Horizontal Pivoted - 1500 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers								
Sub - Data									
Frame :									
Horizontals				1	2	1.50	0.06	0.075	0.0135
Vertical				1	4	0.60	0.06	0.075	0.0108
0.0243									
Shutters ;									
Styles				2	3	0.51	0.06	0.035	0.0064
Top rails & Bottom Rails				2	3	0.45	0.06	0.035	0.0057
0.0121									
Beading for glass panels				1	3	1.49	0.015	0.012	0.0008
Glass panes 3mm thick				1	3	0.35	0.414		0.4397
Main - Data									
Frame :									
0.0243	Cu.m	Teak Wood Scantlings upto 2m in length					Cu.m		
0.0243	Cu.m	Labour Wrought and put up in position for Frames					Cu.m		
Shutters									
0.0121	Cu.m	Teak Wood Scantlings upto 2m in length					Cu.m		
0.0008	Sq.m	Teak Wood Planks upto 15cm wide and 12mm to 25mm thick					Sq.m		
0.6900	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture					Sq.m		
0.44	Sq.m	Glass Panels 3mm					Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws					Each		
6.00	Pairs	Iron Sash Centres 68 x 18 x 6mm					Each		
2.00	Nos	MS rod 10mm dia & 1500mm long					Each		
3.00	Nos	50mm dia hook & eye					Each		
3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel					Each		
0.20	No	Fitter Class - I					Each		

Sl. No.	Description			No.	L	B	D	Contents	
	6.00	Pairs	Iron Sash Centres 68 x 18 x 6mm				Each		
	2.00	Nos	MS rod 10mm dia & 1800mm long				Each		
	3.00	Nos	50mm dia hook & eye				Each		
	3.00	Nos	Cabinhook 200mm and eye made out of 6mm round steel				Each		
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 0.85 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
634	Supplying and Fixing of N - Type Ventilators - (Single Leaf) - 600 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	4	0.60	0.06	0.035	0.0050
	Vertical			1	4	0.29	0.06	0.035	0.0024
	Shutters ;								
	Beading for glass panels			1	2	1.34	0.015	0.012	0.0005
	Beading for Wire Netting			1	2	0.6	0.035	0.012	0.0005
	T.W Block			1	1	0.12	0.1	0.075	0.0009
									0.0093
	Glass panes 3mm thick			1	2	0.5	0.189		0.1905
	Area of wire netting			1	1	0.6	0.212		0.1272
	Main - Data								
	Frame :								
	0.0093	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0093	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		

Sl. No.	Description		No.	L	B	D	Contents
	Shutters						
0.3420	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
0.191	Sq.m	Glass Panels 3mm				Sq.m	
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
4.00	Nos	MS Flat 6 x 35mm 450mm long				Each	
3.00	Nos	MS rod 10mm dia & 600mm long				Each	
0.20	No	Fitter Class - I				Each	
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
						Rate for 0.342 Sq.m	
						Sub Total for 1 sq.m (X)	
						Add water charges @1% of Sub Total X	
						Rate for 1sq.m.	
635	Supplying and Fixing of N - Type Ventilators (Single Leaf) - 750 x 450mm etc., Complete Complying with Standard Specification and as directed by the departmental officers						
	Sub - Data						
	Frame :						
	Horizontals		1	4	0.75	0.06	0.0063
	Vertical		1	4	0.29	0.06	0.0024
	Shutters ;						
	Beading for glass panels		1	2	1.64	0.015	0.0006
	Beading for Wire Netting		1	2	0.75	0.035	0.0006
	T.W Block		1	1	0.12	0.1	0.0009
							0.0108
	Glass panes 3mm thick		1	2	0.65	0.189	0.2480
	Area of wire netting		1	1	0.75	0.212	0.1590
	Main - Data						
	Frame :						
0.0108	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	

Sl. No.	Description			No.	L	B	D	Contents	
	0.0108	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
Shutters									
	0.4280	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
	0.2480	Sq.m	Glass Panels 3mm				Sq.m		
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
	4.00	Nos	MS Flat 6 x 35mm 450mm long				Each		
	3.00	Nos	MS rod 10mm dia & 750mm long				Each		
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 0.428 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
636	Supplying and Fixing of N - Type Ventilators (Single Leaf) - 600 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
Sub - Data									
	Frame :								
	Horizontals			1	4	0.36	0.06	0.035	0.0030
	Vertical			1	4	0.60	0.06	0.035	0.0050
	Shutters ;								
	Beading for glass panels			1	2	1.49	0.015	0.012	0.0005
	Beading for Wire Netting			1	2	0.6	0.035	0.012	0.0005
	T.W Block			1	1	0.12	0.1	0.075	0.0009
									0.0099
	Glass panes 3mm thick			1	2	0.5	0.264		0.2661
	Area of wire netting			1	1	0.6	0.212		0.1272
Main - Data									
	Frame :								

Sl. No.	Description			No.	L	B	D	Contents
	0.0099	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0099	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
Shutters								
	0.4320	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.266	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	MS Flat 6 x 35mm 600mm long				Each	
	3.00	Nos	MS rod 10mm dia & 600mm long				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
							Rate for 0.432 Sq.m	
							Sub Total for 1 sq.m (X)	
							Add water charges @1% of Sub Total X	
							Rate for 1sq.m.	
637	Supplying and Fixing of N - Type Ventilators (Single Leaf) - 900 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers							
	Sub - Data							
	Frame :							
	Horizontals	1	4	0.90	0.06	0.035	0.0076	
	Vertical	1	6	0.36	0.06	0.035	0.0045	
	Shutters ;							
	Beading for glass panels	1	4	1.25	0.015	0.012	0.0009	
	Beading for Wire Netting	1	2	0.9	0.035	0.012	0.0008	
	T.W Block	1	1	0.12	0.1	0.075	0.0009	
								0.0147
	Glass panes 3mm thick	1	4	0.38	0.264		0.4055	
	Area of wire netting	1	1	0.9	0.212		0.1908	

Sl. No.	Description			No.	L	B	D	Contents	
	Main - Data								
	Frame :								
	0.0147	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0147	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.6480	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
	0.406	Sq.m	Glass Panels 3mm				Sq.m		
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
	4.00	Nos	MS Flat 6 x 35mm 600mm long				Each		
	3.00	Nos	MS rod 10mm dia & 900mm long				Each		
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 0.648 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
638	Supplying and Fixing of N - Type Ventilators (Double Leaf) - 1000 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontals			1	4	1.00	0.06	0.035	0.0084
	Vertical			1	6	0.36	0.06	0.035	0.0045
	Shutters ;								
	Beading for glass panels			1	4	1.35	0.015	0.012	0.0010
	Beading for Wire Netting			1	2	1	0.035	0.012	0.0008
	T.W Block			1	1	0.12	0.1	0.075	0.0009
									0.0156
	Glass panes 3mm thick			1	4	0.43	0.264		0.4583
	Area of wire netting			1	1	1	0.212		0.2120

Sl. No.	Description			No.	L	B	D	Contents	
	Main - Data								
	Frame :								
	0.0156	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
	0.0156	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
	Shutters								
	0.7200	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
	0.458	Sq.m	Glass Panels 3mm				Sq.m		
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
	4.00	Nos	MS Flat 6 x 35mm 600mm long				Each		
	3.00	Nos	MS rod 10mm dia & 1000mm long				Each		
	0.20	No	Fitter Class - I				Each		
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
							Rate for 0.72 Sq.m		
							Sub Total for 1 sq.m (X)		
							Add water charges @1% of Sub Total X		
							Rate for 1sq.m.		
639	Supplying and Fixing of N - Type Ventilators (Double Leaf) - 1200 x 600mm etc., Complete Complying with Standard Specification and as directed by the departmental officers								
	Sub - Data								
	Frame :								
	Horizontal			1	4	1.20	0.06	0.035	0.0101
	Vertical			1	6	0.36	0.06	0.035	0.0045
	Shutters ;								
	Beading for glass panels			1	4	1.55	0.015	0.012	0.0011
	Beading for Wire Netting			1	2	1.2	0.035	0.012	0.0010
	T.W Block			1	1	0.12	0.1	0.075	0.0009
								0.0176	
	Glass panes 3mm thick			1	4	0.53	0.264		0.5639

Sl. No.	Description		No.	L	B	D	Contents
	Area of wire netting		1	1	1.2	0.212	0.2544
Main - Data							
Frame :							
0.0176	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
0.0176	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
Shutters							
0.8640	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
0.564	Sq.m	Glass Panels 3mm				Sq.m	
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
4.00	Nos	MS Flat 6 x 35mm 600mm long				Each	
3.00	Nos	MS rod 10mm dia & 1200mm long				Each	
0.20	No	Fitter Class - I				Each	
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 0.864 Sq.m				
			Sub Total for 1 sq.m (X)				
			Add water charges @1% of Sub Total X				
			Rate for 1sq.m.				
640	Supplying and Fixing of N - Type Ventilators - 1500 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers						
Sub - Data							
Frame :							
	Horizontal	1	4	1.50	0.06	0.035	0.0126
	Vertical	1	6	0.36	0.06	0.035	0.0045
Shutters ;							
	Beading for glass panels	1	4	1.85	0.015	0.012	0.0013
	Beading for Wire Netting	1	2	1.5	0.035	0.012	0.0013
	T.W Block	1	1	0.12	0.1	0.075	0.0009
							0.0206

Sl. No.	Description		No.	L	B	D	Contents	
	Glass panes 3mm thick		1	4	0.68	0.264	0.7223	
	Area of wire netting		1	1	1.5	0.212	0.3180	
Main - Data								
Frame :								
0.0206	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m		
0.0206	Cu.m	Labour Wrought and put up in position for Frames				Cu.m		
Shutters								
1.080	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m		
0.722	Sq.m	Glass Panels 3mm				Sq.m		
4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each		
4.00	Nos	MS Flat 6 x 35mm 600mm long				Each		
3.00	Nos	MS rod 10mm dia & 1500mm long				Each		
0.20	Nos	Fitter Class - I				Each		
	LS	Sundries inclusive of putty brads and all wind Appliances.				LS		
						Rate for 1.08 Sq.m		
						Sub Total for 1 sq.m (X)		
						Add water charges @1% of Sub Total X		
						Rate for 1sq.m.		
641	Supplying and Fixing of N - Type Ventilators - 1800 x 600mm - Three leaves etc., Complete Complying with Standard Specification and as directed by the departmental officers							
Sub - Data								
	Frame :							
	Horizontals		1	4	1.80	0.06	0.035	0.0151
	Vertical		1	6	0.36	0.06	0.035	0.0045
	Shutters ;							
	Beading for glass panels		1	4	2.15	0.015	0.012	0.0015
	Beading for Wire Netting		1	2	1.8	0.035	0.012	0.0015
	T.W Block		1	1	0.12	0.1	0.075	0.0009
								0.0235

Sl. No.	Description		No.	L	B	D	Contents	
	Glass panes 3mm thick		1	4	0.83	0.264	0.8807	
	Area of wire netting		1	1	1.8	0.212	0.3816	
Main - Data								
Frame :								
	0.0235	Cu.m	Teak Wood Scantlings upto 2m in length				Cu.m	
	0.0235	Cu.m	Labour Wrought and put up in position for Frames				Cu.m	
Shutters								
	1.2960	Sq.m	Labour Wrought and put up for Shutters of Ventilators including labour charges for Fixing Furniture				Sq.m	
	0.8800	Sq.m	Glass Panels 3mm				Sq.m	
	4.00	Nos	Iron "Z" Hold fast 230 x 40 x 5mm fixed with screws				Each	
	4.00	Nos	MS Flat 6 x 35mm 600mm long				Each	
	3.00	Nos	MS rod 10mm dia & 1800mm long				Each	
	0.20	No	Fitter Class - I				Each	
		LS	Sundries inclusive of putty brads and all wind Appliances.				LS	
			Rate for 1.296 Sq.m					
			Sub Total for 1 sq.m (X)					
			Add water charges @1% of Sub Total X					
			Rate for 1sq.m.					

WATER SUPPLY & SANITARY WORKS

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
642			Supplying, laying and jointing G.I. Pipes of approved quality and best variety of "B" class pipe of the following dia including labour fixing G.I. Specials, (excluding charges for cutting and threading of pipes, cost of such specials) to wall with necessary teak wood plugs, clamps, screws, thread balls, shellac, etc., making holes on the walls (or) drilling holes in roof and making good the dismantled portions to original condition with neceSORay brick work / concrete and plastering wherever neceSORy with necessary scaffolding charges. The pipes are to be painted with the 2 coats of good variety and approved best quality of synthetic enamel paint over a priming coat of red oxide etc., complete in all floors complying with standard specification. G.I. pipes shall be got approved by the Executive Engineer before use on works - Internal water supply - above Ground Level / External water supply - above Ground Level			
I			Internal Water Supply - Above Ground Level			
A			Laying pipe line of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour Charges 10 RM			
	0.30	Nos.	Stone Cutter I Class		Each	
	0.75	Nos.	Plumber I Class		Each	
	0.10	Nos.	Plumber II Class		Each	
	0.60	Nos.	Mazdoor Category I		Each	
			Total for 10 RM			
			Labour for 1 RM			
			Sub-Data			
			Sundries for 1 RM			
	8.33	gram	Shellac		100 gms.	
	1.66	Nos.	Clamps, plugs and screws		set	
	1.66	Nos.	Thread Balls		Each	
			Sundries for 1 RM			
			Sub-Data			
			Painting	15mm	20mm	
			Painting area	0.047	0.063	
	227.15	sq.m.	Cost of painting	10.71	14.28	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Main Data			
			For laying GI pipe line of dia	15mm	20mm	25mm
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Add for painting			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			Laying pipe line of dia 32mm and 40mm			
			Sub-Data			
			Labour Charges 10 RM			
	0.45	No	Stone Cutter I Class		Each	
	1.15	Nos.	Plumber I Class		Each	
	0.15	No	Plumber II Class		Each	
	0.90	No	Mazdoor Category I		Each	
	0.45	No	Mazdoor Category II		Each	
			Total for 10 RM			
			Labour for 1 RM			
			Sub-Data			
			Sundries for 1 RM			
	10.00	gram	Shellac		100 gms.	
	1.00	No	Clamps, plugs and screws		set	
	0.50	No	Thread Balls		Each	
			Sundries for 1 RM			
			Sub-Data			
			Painting	32mm	40mm	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Painting area	0.101	0.126	
	227.15	sq.m.	Cost of painting			
			Main Data			
			For laying GI pipe line of dia	32mm	40mm	
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Add for painting			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			Laying pipe line of dia 50mm and 65mm			
			Sub-Data			
			Labour Charges 10 RM			
	0.60	No	Stone Cutter I Class		Each	
	1.50	Nos.	Plumber I Class		Each	
	0.20	No	Plumber II Class		Each	
	1.20	Nos.	Mazdoor Category I		Each	
	0.60	No	Mazdoor Category II		Each	
			Total for 10 RM			
			Labour for 1 RM			
			Sub-Data			
			Sundries for 1 RM			
	15.00	gram	Shellac		100 gms.	
	1.00	No	Clamps, plugs and screws		set	
	0.75	No	Thread Balls		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries for 1 RM			
			Sub-Data			
			Painting	50mm	65mm	
			Painting area	0.157	0.204	
	227.15	sq.m.	Cost of painting	35.70	46.40	
			Main Data			
			For laying GI pipe line of dia	50mm	65mm	
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Add for painting			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
II			External Water Supply - Above Ground Level			
A			Laying pipe line of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour Charges 10 RM			
	0.35	No	Stone Cutter I Class		Each	
	0.85	No	Plumber I Class		Each	
	0.10	No	Plumber II Class		Each	
	0.70	No	Mazdoor Category I		Each	
	0.35	No	Mazdoor Category II		Each	
			Total for 10 RM			
			Labour for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub-Data			
			Sundries for 1 RM			
	8.33	gram	Shellac		100 gms.	
	1.00	No	Clamps, plugs and screws		set	
	1.11	Nos.	Thread Balls		Each	
			Sundries for 1 RM			
			Main Data			
			For laying GI pipe line of dia	15mm	20mm	25mm
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Add for painting			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			Laying pipe line of dia 32mm and 40mm			
			Sub-Data			
			Labour Charges 10 RM			
	0.55	No	Stone Cutter I Class		Each	
	1.30	Nos.	Plumber I Class		Each	
	0.15	No	Plumber II Class		Each	
	1.05	Nos.	Mazdoor Category I		Each	
	0.55	No	Mazdoor Category II		Each	
			Total for 10 RM			
			Labour for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub-Data			
			Sundries for 1 RM			
	10.00	gram	Shellac		100 gms.	
	1.11	Nos.	Clamps, plugs and screws		set	
	1.50	Nos.	Thread Balls		Each	
			Sundries for 1 RM			
			Main Data			
			For laying GI pipe line of dia	32mm	40mm	
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Add for painting			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			Laying pipe line of dia 50mm and 65mm			
			Sub-Data			
			Labour Charges 10 RM			
	0.70	No	Stone Cutter I Class		Each	
	1.70	Nos.	Plumber I Class		Each	
	0.20	No	Plumber II Class		Each	
	1.40	Nos.	Mazdoor Category I		Each	
	0.70	No	Mazdoor Category II		Each	
			Total for 10 RM			
			Labour for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub-Data			
			Sundries for 1 RM			
	15.00	gram	Shellac		100 gms.	
	1.50	Nos.	Clamps, plugs and screws		set	
	2.00	Nos.	Thread Balls		Each	
			Sundries for 1 RM			
			Main Data			
			For laying GI pipe line of dia	50mm	65mm	
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Add for painting			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
		Note:24	For every additional floor (not less than 3 metre height) upto 3rd floor level, the labour component is to be increased by 30% for each floor			
643	Supplying, laying and jointing GI pipes of approved quality and best variety of B Class pipes of the following dia including labour for fixing GI Specials (excluding charges for cutting and threading and cost of such specials) with necessary shellac, thread ball, etc., and making holes on the wall / concrete and making good the dismantled portion to the original condition with necessary brick work / concrete. The pipes are to be painted with one coat of tar and tightly pastened with tar dipped gunny tape, etc., complete complying with standard specification. The G.I. pipes shall be got approved by the Executive Engineer before use on work. (The earth work excavation, re-filling the trench with excavated earth, crushed stone sandfilling, etc., shall be measured and paid separately under respective items) - External water supply - Below Ground Level.					
			External Water Supply - Below Ground Level			
A			Laying pipe line of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour Charges 10 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.85	No	Plumber I Class		Each	
	0.70	No	Mazdoor Category I		Each	
	0.35	No	Mazdoor Category II		Each	
	0.25	No	Painter II Class		Each	
			Total for 10 RM			
			Labour for 1 RM			
			Sub-Data			
			Sundries for 1 RM			
	8.33	gram	Shellac		100 gms.	
	0.50	No	Thread Balls		Each	
	1.20	sq.m.	Gunny Tape		sq.m.	
	2.50	Kg.	Tar		Kg.	
			Sundries for 1 RM			
			Main Data			
			For laying GI pipe line of dia	15mm	20mm	25mm
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			Laying pipe line of dia 32mm and 40mm			
			Sub-Data			
			Labour Charges 10 RM			
	1.30	Nos.	Plumber I Class		Each	
	1.05	Nos.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.55	No	Mazdoor Category II		Each	
	0.30	No	Painter II Class		Each	
			Total for 10 RM			
			Labour for 1 RM			
			Sub-Data			
			Sundries for 1 RM			
	10.00	gram	Shellac		100 gms.	
	1.50	Nos.	Thread Balls		Each	
	1.80	sq.m.	Gunny Tape		sq.m.	
	4.00	Kg.	Tar		Kg.	
			Sundries for 1 RM			
			Main Data			
			For laying GI pipe line of dia	32mm	40mm	
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			Laying pipe line of dia 50mm and 65mm			
			Sub-Data			
			Labour Charges 10 RM			
	1.70	Nos.	Plumber I Class		Each	
	1.40	Nos.	Mazdoor Category I		Each	
	0.70	No	Mazdoor Category II		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.40	No	Painter II Class		Each	
			Total for 10 RM			
			Labour for 1 RM			
			Sub-Data			
			Sundries for 1 RM			
	15.00	gram	Shellac		100 gms.	
	2.00	Nos.	Thread Balls		Each	
	3.00	sq.m.	Gunny Tape		sq.m.	
	6.00	Kg.	Tar		Kg.	
			Sundries for 1 RM			
			Main Data			
			For laying GI pipe line of dia	50mm	65mm	
			Cost of GI Pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
644	Supplying and fixing in position first quality and approved variety of Gun metal Gate Valve / Wheel Valve with BIS make of the following dia including cost of shellac, thread balls, etc., complete complying with standard specifications (for both internal and external water supply arrangements). The valves to be used on work shall be got approved by the Executive Engineer before use on work.					
I			Gate Valve			
A			Fixing Gun Metal Gate Valve of dia 20mm and 25mm			
			Sub-Data			
			Labour Charges			
	0.25	No	Fitter I Class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.25	No	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.30	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
			Gun Metal Gate Valve	20mm	25mm	
			Cost of Gun Metal Gate Valve			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
B			Fixing Gun Metal Gate Valve of dia 32mm and 40mm			
			Sub-Data			
			Labour Charges			
	0.33	No	Fitter I Class		Each	
	0.33	No	Mazdoor Category I		Each	
	18.00	gram	Shellac		100 gms.	
	0.70	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
			Gun Metal Gate Valve	32mm	40mm	
			Cost of Gun Metal Gate Valve			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
C			Fixing Gun Metal Gate Valve of dia 50mm and 65mm			
			Sub-Data			
			Labour Charges			
	0.50	No	Fitter I Class		Each	
	0.50	No	Mazdoor Category I		Each	
	30.00	gram	Shellac		100 gms.	
	1.00	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
			Gun Metal Gate Valve	50mm	65mm	
			Cost of Gun Metal Gate Valve			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
II			Wheel Valve			
A			Fixing Gun Metal Wheel Valve of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour Charges			
	0.25	No	Fitter I Class		Each	
	0.25	No	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.30	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
			Gun Metal Wheel Valve	15mm	20mm	25mm

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Cost of Gun Metal Wheel Valve			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
B			Fixing Gun Metal Wheel Valve of dia 32mm and 40mm			
			Sub-Data			
			Labour Charges			
	0.33	No	Fitter I Class		Each	
	0.33	No	Mazdoor Category I		Each	
	18.00	gram	Shellac		100 gms.	
	0.70	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
			Gun Metal Wheel Valve	32mm	40mm	
			Cost of Gun Metal Wheel Valve			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
645	Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap / Swan neck tap (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the Executive Engineer before use on the works)					
			Sub-Data			
			Labour Charges			
	0.10	No	Fitter I Class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.10	No	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
				SD Tap	Pillar Tap	Swan Neck Tap
			Cost of Tap			
			Labour charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
646	Supplying and fixing in position Indian make bevelled edge mirror of approved quality and brand PVC / Fibre Glass framed 5.5mm thick mirror of following size , Shelf type with hard board backing of approved colour fixed with brass screws, rawl plug, etc., complete complying with standard specification. (The mirror should be got approved by the Executive Engineer before use on woks) Size :600 x 450 mm / 500 x 400mm / 1000 x 780 mm.					
	1.00	No	Cost of Mirror		Each	
	0.33	No	Carpenter II Class		Each	
	0.33	No	Mazdoor Category I		Each	
	3.00	Nos.	Rawl Plugs		Each	
	3.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
647	Supplying and fixing approved best quality brass CP towel rail 600mm long and 20mm dia with brackets of same materials including cost of teak wood plugs and CP screws, etc., complete complying with standard specifications. (The tower rail should be got approved by Executive Engineer before use on works).					
	1.00	No	Cost of Brass CP Towel Rail		Each	
	0.15	No	Fitter I Class		Each	
	0.15	No	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	6.00	Nos.	Teak wood plugs		Each	
	6.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
648	Supplying and fixing approved best quality aluminium anodised towel rail 600mm long and 20mm dia with brackets of same materials including cost of teak wood plugs and CP screws, etc., complete complying with standard specifications. (The tower rail should be got approved by Executive Engineer before use on works).					
	1.00	No	Cost of aluminium anodised towel rail		Each	
	0.15	No	Fitter I Class		Each	
	0.15	No	Mazdoor Category I		Each	
	6.00	Nos.	Teak wood plugs		Each	
	6.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
649	Supplying and fixing best approved best quality brass CP soap tray of size 150 x 100mm including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The soap tray should be got approved by Executive Engineer before use on works).					
	1.00	No	Cost of Brass CP Soap Tray		Each	
	0.10	No	Carpenter II Class		Each	
	0.10	No	Mazdoor Category II		Each	
	2.00	Nos.	Teak wood plugs		Each	
	2.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
650	Supplying and fixing best approved best quality Procelain CP soap tray of size 150 x 150mm including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The soap tray should be got approved by Executive Engineer before use on works).					
	1.00	No	Cost of Procelain CP soap tray		Each	
	0.10	No	Carpenter II Class		Each	
	0.10	No	Mazdoor Category II		Each	
	2.00	Nos.	Teak wood plugs		Each	
	2.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
651	Supplying and fixing in position GI unions of heavy duty of approved quality and good variety of various sizes including necessary cutting and threading of GI pipes for jointing the union and providing two coats of painting with good variety and approved quality of synthetic enamel paint over one coat of primer in case of pipe line above ground level / one coat of tar in case of below ground level for both internal and external water supply arrangements, etc., complete complying with standard specifications. (The GI unions should be got approved by Executive Engineer before use on works).					
			Sub-Data			
			Labour Charges			
	0.20	No	Fitter I Class		Each	
	0.20	No.	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No	Thread ball		Each	
			Total / 1 No.			
			Main Data			
			Dia of GI Union	15mm	20mm	25mm
			Cost of GI Union			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Main Data			
			Dia of GI Union	32mm	40mm	50mm
			Cost of GI Union			
			Labour Charges			
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
652	Supplying and fixing in position the following GI Specials of heavy type and approved quality and good variety excluding fixing charges but including necessary cutting and threading of GI pipes, jointing the GI specials and painting with two coats with good variety and best quality synthetic enamel paint over a coat of red oxide primer and jointing the specials with pipe line using shellac etc., complete complying with standard specification. (The GI specials should be got approved by the Executive Engineer concerned before use on works.)					
I			GI Elbow			
a			50 mm dia			
	1.00	No	Cost of Elbow		Each	
	1.00	No	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 mm dia			
	1.00	No	Cost of Elbow		Each	
	1.00	No	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
c			32 mm dia			
	1.00	No.	Cost of Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 mm dia			
	1.00	No.	Cost of Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 mm dia			
	1.00	No.	Cost of Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			15 mm dia			
	1.00	No.	Cost of Elbow		Each	
	1.00	No.	Cutting		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
II			GI Bend			
a			50 mm dia			
	1.00	No.	Cost of Bend		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 mm dia			
	1.00	No.	Cost of Bend		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 mm dia			
	1.00	No.	Cost of Bend		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 mm dia			
	1.00	No.	Cost of Bend		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 mm dia			
	1.00	No.	Cost of Bend		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			15 mm dia			
	1.00	No.	Cost of Bend		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
III			GI Tee			
a			50 mm dia			
	1.00	No.	Cost of Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 mm dia			
	1.00	No.	Cost of Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 mm dia			
	1.00	No.	Cost of Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 mm dia			
	1.00	No.	Cost of Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 mm dia			
	1.00	No.	Cost of Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			15 mm dia			
	1.00	No.	Cost of Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
IV			GI Coupling			
a			50 mm dia			
	1.00	No.	Cost of Coupling		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 mm dia			
	1.00	No.	Cost of Coupling		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 mm dia			
	1.00	No.	Cost of Coupling		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
d			25 mm dia			
	1.00	No.	Cost of Coupling		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 mm dia			
	1.00	No.	Cost of Coupling		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			15 mm dia			
	1.00	No.	Cost of Coupling		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
V			GI Reducer			
a			50 x 40 mm dia			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 x 32 mm dia			
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 x 25 mm dia			
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 x 20 mm dia			
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 x 15 mm dia			
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			40 x 25 mm dia			
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
g			32 x 20 mm dia			
	1.00	No.	Cost of Reducer		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
VI			GI Reducer Elbow			
a			50 x 40 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 x 32 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 x 25 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 x 20 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 x 15 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			40 x 25 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
g			32 x 20 mm dia			
	1.00	No.	Cost of Reducer Elbow		Each	
	1.00	No.	Cutting		Each	
	2.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
VII			GI Reducer Tee			
a			50 x 40 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			40 x 32 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 x 25 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 x 20 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 x 15 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
f			40 x 25 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
g			32 x 20 mm dia			
	1.00	No.	Cost of Reducer Tee		Each	
	2.00	Nos.	Cutting		Each	
	3.00	Nos.	Threading		Each	
		LS	Sundries for painting / shellac		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
VIII			GI Hex Nipple			
a			50 mm dia			
	1.00	No.	Cost of GI Hex Nipple		Each	
	1.00	No.	Add for painting / shellac		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
b			40 mm dia			
	1.00	No.	Cost of GI Hex Nipple		Each	
	1.00	No.	Add for painting / shellac		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c			32 mm dia			
	1.00	No.	Cost of GI Hex Nipple		Each	
	1.00	No.	Add for painting / shellac		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d			25 mm dia			
	1.00	No.	Cost of GI Hex Nipple		Each	
	1.00	No.	Add for painting / shellac		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
e			20 mm dia			
	1.00	No.	Cost of GI Hex Nipple		Each	
	1.00	No.	Add for painting / shellac		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
f			15 mm dia			
	1.00	No.	Cost of GI Hex Nipple		Each	
	1.00	No.	Add for painting / shellac		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
653	Supplying and fixing in position best quality and approved make Indian made white / colour glazed earthenware wash hand basin of size 550 x 400mm (with pedestal / without pedestal) with a pair of cast iron brackets, including cost 15mm dia brass CP pillar tap, 32mm dia "B" class GI waste pipe with rubber plug and chain, 15mm dia GM wheel valve, 15mm brass nipple, 15mm dia nylon connection, 32mm dia CP brass waste coupling including fixing of wash basin using CI brackets on to the wall in position with TW plugs and screws, rubber washers, white lead and giving necessary water supply connection and painting the brackets with two coat of painting over a priming coat of anti-corrosive paint including testing for leakages etc., complete complying with standard specification and as directed by the departmental officers. (The wash hand basin and specials should be got approved by the Executive Engineer before use on works).					
i			White Glazed Wash Hand Basin			
a			Without Pedestal			
	1.00	Set	Cost of white glazed earthenware wash hand basin without pedestal, One pair of cast iron brackets, One No. 15mm dia brass CP pillar tap, One No. 32mm dia "B" class GI waste pipe with rubber plug and chain, One No. 15mm dia GM wheel valve, One No. 15mm brass nipple, One No. 15mm dia nylon connection, One No. 32mm dia CP brass waste coupling		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.50	No.	Mason I Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	6.00	Nos.	Teak wood plugs		Each	
	6.00	Nos.	38mm Brass screws		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			With Pedestal			
	1.00	Set	Cost of white glazed earthenware wash hand basin with pedestal, One pair of cast iron brackets, One No. 15mm dia brass CP pillar tap, One No. 32mm dia "B" class GI waste pipe with rubber plug and chain, One No. 15mm dia GM wheel valve, One No. 15mm brass nipple, One No. 15mm dia nylon connection, One No. 32mm dia CP brass waste coupling		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.50	No.	Mason I Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	6.00	Nos.	Teak wood plugs		Each	
	6.00	Nos.	38mm Brass screws		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
ii			Colour Glazed Wash Hand Basin			
a			Without Pedestal			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	Set	Cost of colour glazed earthenware wash hand basin without pedestal, One pair of cast iron brackets, One No. 15mm dia brass CP pillar tap, One No. 32mm dia "B" class GI waste pipe with rubber plug and chain, One No. 15mm dia GM wheel valve, One No. 15mm brass nipple, One No. 15mm dia nylon connection, One No. 32mm dia CP brass waste coupling		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.50	No.	Mason I Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	6.00	Nos.	Teak wood plugs		Each	
	6.00	Nos.	38mm Brass screws		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			With Pedestal			
	1.00	Set	Cost of colour glazed earthenware wash hand basin without pedestal, One pair of cast iron brackets, One No. 15mm dia brass CP pillar tap, One No. 32mm dia "B" class GI waste pipe with rubber plug and chain, One No. 15mm dia GM wheel valve, One No. 15mm brass nipple, One No. 15mm dia nylon connection, One No. 32mm dia CP brass waste coupling		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No..	Plumber II Class		Each	
	0.50	No.	Mason I Class		Each	
	1.00	No.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	6.00	Nos.	Teak wood plugs		Each	
	6.00	Nos.	38mm Brass screws		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
654	Supplying and fixing in position best quality approved make white glazed earthenware sink of size of 600 x 450 x 200mm including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Executive Engineer before use on works]					
		a	For Fixing the sink without CI bracket			
	1.00	Set	Cost of sink including One No. 32mm dia CP waste coupling, One No. 32mm dia PVC waste pipe with rubber plug and chain, One No. 15mm dia brass nipple		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
		b.	For fixing the sink with CI bracket			
	1.00	No.	Rate for Supply and fixing white glazed sink of size of 600 x 450 x 200mm without water charges (X) as above		Each	
	1.00	set	CI bracket		set	
	0.50	No.	Stone Cutter I Class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.50	No.	Mazdoor Category I		Each	
	2.00	Kgs.	Cement		1MT	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X1			
			Rate for 1 No.			
655	Supplying and fixing in position best quality cuddapah sink of following sizes including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Executive Engineer before use on works]					
a			Cuddapah sink of 600 x 450 x 200mm			
	1.00	Set	Cost of sink including One No. 32mm dia CP waste coupling, One No. 32mm dia PVC waste pipe with rubber plug and chain, One No. 15mm dia brass nipple		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			Cuddapah sink of 600 x 600 x 200mm			
	1.00	Set	Cost of sink including One No. 32mm dia CP waste coupling, One No. 32mm dia PVC waste pipe with rubber plug and chain, One No. 15mm dia brass nipple		Set	
	1.00	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	1.00	No.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X1			
			Rate for 1 No.			
656	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm white glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with crushed stone sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two crushed stone sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to CI soil pipes (including the cost of 100mm dia CI pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed by the departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).					
	1.00	Set	Cost of IWC (Oriya Type) with 'P' or 'S' trap		set	
	0.60	RM	100mm dia CI pipe of 0.60m long		RM	
	0.45	Cu.m	crushed stone sand for filling		Cu.m	
	0.11	Cu.m	Brick jelly lime concrete 1:2:5		Cu.m	
	1.00	No.	Plumber I Class		Each	
	1.00	No.	Mason I Class		Each	
	0.25	No.	Plumber II class		Each	
	1.00	No.	Mazdoor Category I		Each	
	1.00	Kg.	White cement		Kg.	
	6.00	Kgs.	Cement		MT	
	400.00	gram	Spun yarn		Kg	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
657	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm colour glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with crushed stone sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two crushed stone sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to CI soil pipes (including the cost of 100mm dia CI pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed by the departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).					
	1.00	Set	Cost of IWC (Oriya Type) with 'P' or 'S' trap		Set	
	0.60	RM	100mm dia CI pipe of 0.60m long		RM	
	0.45	Cu.m	crushed stone sand for filling		Cu.m	
	0.11	Cu.m	Brick jelly lime concrete 1:2:5		Cu.m	
	1.00	No.	Plumber I Class		Each	
	1.00	No.	Mason I Class		Each	
	0.25	No.	Plumber II class		Each	
	1.00	No.	Mazdoor Category I		Each	
	1.00	Kg.	White cement		Kg.	
	6.00	Kgs.	Cement		MT	
	400.00	gram	Spun yarn		Kg	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
658	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm white glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with crushed stone sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two crushed stone sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to PVC pipes (including the cost of 110mm dia PVC pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed by the departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).					
	1.00	Set	Cost of IWC (Oriya Type) with 'P' or 'S' trap		set	
	0.60	RM	110mm dia PVC pipe of 0.60m long		RM	
	0.45	Cu.m	crushed stone sand for filling		Cu.m	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.11	Cu.m	Brick jelly lime concrete 1:2:5		Cu.m	
	1.00	No.	Plumber I Class		Each	
	1.00	No.	Mason I Class		Each	
	0.25	No.	Plumber II class		Each	
	1.00	No.	Mazdoor Category I		Each	
	1.00	Kg.	White cement		Kg.	
	6.00	Kgs.	Cement		MT	
	400.00	gram	Spun yarn		Kg	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
659	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm colour glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with crushed stone sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two crushed stone sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to PVC pipes (including the cost of 110mm dia PVC pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed by the departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).					
	1.00	Set	Cost of IWC (Oriya Type) with 'P' or 'S' trap		set	
	0.60	RM	110mm dia PVC pipe of 0.60m long		RM	
	0.45	Cu.m	crushed stone sand for filling		Cu.m	
	0.11	Cu.m	Brick jelly lime concrete 1:2:5		Cu.m	
	1.00	No.	Plumber I Class		Each	
	1.00	No.	Mason I Class		Each	
	0.25	No.	Plumber II class		Each	
	1.00	No.	Mazdoor Category I		Each	
	1.00	Kg.	White cement		Kg.	
	6.00	Kgs.	Cement		MT	
	400.00	gram	Spun yarn		Kg	
			Sub Total for 1 No (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
660	Supplying and fixing in position white / colour glazed European Water Closet of best quality and approved make with 100 mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valve with polythene float with brass handle, union, coupling connected by means of 40mm white PVC flush hand using Indian adopter joint including all internal fittings such as 15mm brass connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe including cost of 600mm length of 110mm dia PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition etc. complete complying with standard specifications. (The EWC and flushing tank with all accessories should be got approved by the Executive Engineer before use on works)					
			Sub-Data			
	1.00	Set	Cost of white glazed European Water Closet with 10 litres capacity PVC flushing tank with all accessories		Nos.	3090.00
	0.50	No.	Mason II Class		Each	512.50
	0.50	No.	Plumber I Class		Each	476.00
	0.10	No.	Plumber II Class		Each	92.20
	1.00	No.	Mazdoor Category I		Each	716.00
	0.50	No.	Mazdoor Category II		Each	293.50
	1.00	Kg.	White cement		Kg.	22.60
	6.00	Kgs.	Cement		Kgs.	35.76
	400.00	gram	Spun yarn		kg	5.24
	4.00	Nos.	TW plugs (50 x 50 x 100mm)		Each	21.60
	4.00	Nos.	Brass screws (75 x 10mm)		Each	19.52
			Total (A)			5284.92
a	White glazed European Water Closet with 10 litre capacity PVC flushing tank fixed on to wall					
	1.00	Set	Rate as above (A) i.e X		Set	
			Fixing charges for flushing tank			
	0.30	No.	Plumber I class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.30	No.	Mason II Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	2.00	Nos.	TW plugs		Each	
	2.00	Nos.	Brass screws		Each	
	2.00	Kg.	White cement		Kg.	
	10.00	gram	Shellac		100 gms.	
	0.50	No.	Thread ball		Each	
			Sub Total B for 1 No.			
			Add water charges @1% of Sub Total X1			
			Rate for 1 No.			
b	White glazed European Water Closet with 10 litre capacity PVC flushing tank fixed with CI brackets					
	1.00	Set	Rate as above (B) i.e X1		Set	
			Supplying and fixing charges for CI brackets			
	1.00	Set	Cost of CI brackets		Set	
	0.50	No.	Plumber I class		Each	
	0.50	No.	Mason II Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	0.50	No.	Stone Cutter I Class		Each	
	2.00	Kg.	Cement		MT	
	2.00	Kg.	White cement		Kg.	
	10.00	gram	Shellac		100 gms.	
	0.50	No.	Thread ball		Each	
	200.00	gram	Spun yarn		kg	
			Sub Total C for 1 No.			
			Add water charges @1% of Sub Total X2			
			Rate for 1 No.			
c	Colour glazed European Water Closet with 10 litre capacity PVC flushing tank fixed on to wall					
	1.00	Set	Rate as above in (B) without water charges (i.e) X1		Set	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	Set	Add difference in cost of colour glazed EWC		Set	
			Sub Total D for 1 No.			
			Add water charges @1% of Sub Total X3			
			Rate for 1 No.			
d	Colour glazed European Water Closet with 10 litre capacity PVC flushing tank fixed with CI brackets					
	1.00	Set	Rate as above in (C) without water charges (i.e) X2		Set	
	1.00	Set	Add difference in cost of colour glazed EWC		Set	
			Sub Total E for 1 No.			
			Add water charges @1% of Sub Total X4			
			Rate for 1 No.			
e	White glazed European Water Closet with 12.5 litre capacity porcelin flushing tank fixed on to wall					
			Sub-Data			
			Fixing charges for porcelin flushing tank			
	0.50	No.	Plumber I class		Each	
	0.50	No.	Mason II Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	2.00	Nos.	TW plugs		Each	
	2.00	Nos.	Brass screws		Each	
	2.00	Kg.	White cement		Kg.	
	10.00	gram	Shellac		100 gms.	
	0.50	No.	Thread ball		Each	
	200.00	gram	Spun yarn		kg	
			Sub Total (F) for 1 No.			
	1.00	Set	Rate as above in (A) (i.e) X		Set	
	1.00	Set	Rate as above in (F) (i.e) X5		Set	
	1.00	Set	Add difference in cost of porcelin flushing tank		Set	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub Total (G) for 1 No.			
			Add water charges @1% of Sub Total X6			
			Rate for 1 No.			
f	White glazed European Water Closet with 12.5 litre capacity porcelin flushing tank fixed with CI brackets					
	1.00	Set	Rate as above in (A) (i.e) X		Set	
	1.00	Set	Rate as above in (F) (i.e) X5		Set	
	1.00	Set	Rate as above in (C-B) (i.e) (X2-X1)		Set	
	1.00	Set	Add difference in cost of porcelin flushing tank		Set	
			Sub Total (H) for 1 No.			
			Add water charges @1% of Sub Total X7			
			Rate for 1 No.			
g	Colour glazed European Water Closet with 12.5 litre capacity porcelin flushing tank fixed on to wall					
	1.00	Set	Rate as above in (G) (i.e) X6		Set	
	1.00	Set	Add difference in cost of porcelin flushing tank		Set	
			Sub Total (I) for 1 No.			
			Add water charges @1% of Sub Total X8			
			Rate for 1 No.			
h	Colour glazed European Water Closet with 12.5 litre capacity porcelin flushing tank fixed with CI brackets					
	1.00	Set	Rate as above in (G) (i.e) X6		Set	
	1.00	Set	Rate as above in (C-B) (i.e) (X2-X1)		Set	
	1.00	Set	Add difference in cost of porcelin flushing tank		Set	
			Sub Total for 1 No.			
			Add water charges @1% of Sub Total X9			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
661	Supply and fixing in position of best Indian make white / colour glazed earthenware lipped mouth flat back urinal of best quality and approved make of size 430mm x 260mm x 350mm with GI pipe, 32mm dia bell mouth PVC connection and waste pipe, 15mm dia GI pipe of required length, 15mm dia GM wheel valve, 15mm dia brass nipple 2 Nos., and fixing the urinals in position with necessary TW plugs, clamps, screws, etc., including dismantling masnory and re-doing the same to the original condition, etc., including painting the pipe with two coats of best quality approved synthetic enamel paint over one coat of red oxide primer and checked without any leakage etc. complete complying with standard specifications and as directed by the departmental officers. (The urinal should be got approved by the Executive Engineer before use on works.)					
a	White glazed earthenwere lipped mouth flat back urinal					
	1.00	Set	Cost of urinal, 32mm dia bell mouth PVC connection and waste pipe, 15mm dia GI pipe of required length, 15mm dia GM wheel valve, 15mm dia brass nipple 2 Nos.		Set	
	0.50	No.	Plumber I class		Each	
	0.50	No.	Mason I Class		Each	
	0.50	No.	Mazdoor Category I		Each	
	2.00	sets	TW plugs, clamps and screws		set	
	10.00	gram	Shellac		100 gms	
	0.50	No.	Thread balls		Each	
	1.00	set	Special clamp for waste pipe, TW plugs and screws		set	
			Sub Total (A) for 1 No.			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b			Colour glazed earthenwere lipped mouth flat back urinal			
	1.00	set	Rate as above in (A) (i.e) X		set	
	1.00	set	Add difference in cost of colour urinal		set	
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X1			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
662	Supplying and fixing in position Indian make white glazed earthenware squatting type urinal of best quality and approved make including dismantling masonry, if necessary and re-doing the same to original condition, etc., complete complying with standard specification. (The squatting urinal should be got approved by the Executive Engineer before use on works).					
	1.00	Set	Cost of squatting urinal		Set	
	0.50	No.	Plumber I class		Each	
	0.50	No.	Mason II Class		Each	
	0.50	No.	Mazdoor Category I		Each	
	0.002	Cu.m	Cement mortar 1:3		Cu.m	
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
663	Supplying and fixing position CI Nahani Trap / Floor Trap of the following sizes with best stainless steel gratings of approved brand and quality, fixed over a bed of brick jelly lime concrete 1:2:5 (One part of lime, two part of crushed stone sand and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three sand) including dismantling masonry works wherever found necessary and making good the dismantled portions to the original condition and giving connection to the CI / PVC pipes, etc., complete complying with standard specification. (The Nahani Trap should be got approved by the Executive Engineer before use on works)					
a	Nahani Trap of size 100 x 75mm with stainless steel gratings					
	1.00	set	Cost of Nahani Trap with stainless steel grating		Each	
	0.20	No.	Plumber I Class		Each	
	0.20	No.	Stone Cutter I Class		Each	
	0.20	No.	Mason II Class		Each	
	0.005	cu.m	Brick jelly lime concrete 1:2:5 using 40mm size brick jelly		cu.m	
	0.002	cu.m	Cement mortar 1:3		cu.m	
			Sub Total (A) for 1 No.			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
b	Nahani Trap of size 100 x 75mm with pvc gratings					
	1.00	set	Cost of Nahani Trap with PVC grating		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.15	No.	Plumber I Class		Each	
	0.15	No.	Stone Cutter I Class		Each	
	0.15	No.	Mason II Class		Each	
	0.005	cu.m	Brick jelly lime concrete 1:2:5 using 40mm size brick jelly		cu.m	
	0.002	cu.m	Cement mortar 1:3		cu.m	
			Sub Total (A) for 1 No.			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
c	Nahani Trap of size 75 x 50mm with stainless steel gratings					
	1.00	set	Cost of Nahini Trap with stainless steel grating		Each	
	0.20	No.	Plumber I Class		Each	
	0.20	No.	Stone Cutter I Class		Each	
	0.20	No.	Mason II Class		Each	
	0.005	cu.m	Brick jelly lime concrete 1:2:5 using 40mm size brick jelly		cu.m	
	0.002	cu.m	Cement mortar 1:3		cu.m	
			Sub Total (A) for 1 No.			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
d	Nahani Trap of size 75x 50mm with PVC gratings					
	1.00	set	Cost of Nahini Trap with stainless steel grating		Each	
	0.15	No.	Plumber I Class		Each	
	0.15	No.	Stone Cutter I Class		Each	
	0.15	No.	Mason II Class		Each	
	0.005	cu.m	Brick jelly lime concrete 1:2:5 using 40mm size brick jelly		cu.m	
	0.002	cu.m	Cement mortar 1:3		cu.m	
			Sub Total (A) for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
664	Supplying, laying and jointing glazed stone ware pipes of the following dia of approved quality with spigot and socket ends and fixing them using spun yarn and cement including petty masonry shoring and strutting wherever found necessary and laying the pipe line in the alignment at the specified gradient and testing with necessary tools and plants, etc., and re-filling the trench with excavated earth and levelling the ground etc., complete complying with standard specifications. (Earth work excavation, re-filling with excavated earth will be measured and paid separately).					
a	100mm dia stoneware pipe (cement joint)					
	50.00	Nos.	Cost of pipes (each of length 0.60 metre)		Each	
	1.00	No.	Plumber I class		Each	
	5.00	Nos.	Mazdoor Category I		Each	
	2.00	Nos.	Mazdoor Category II		Each	
	30.00	Kg	Cement		MT	
	7.50	Kg	Spun yarn		Kg	
			Total for 30 RM			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
b	150mm dia stoneware pipe (cement joint)					
	50.00	Nos.	Cost of pipes (each of length 0.60 metre)		Each	
	2.00	Nos.	Plumber I class		Each	
	6.00	Nos.	Mazdoor Category I		Each	
	3.00	Nos.	Mazdoor Category II		Each	
	30.00	Kg	Cement		MT	
	7.50	Kg	Spun yarn		Kg	
			Total for 30 RM			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
665	Supplying, laying and jointing glazed stoneware pipes of following dia of approved best quality with spigot and socket ends (in reverse direction) in dry condition and laid in loose joints (i.e.) without cement and spun yarn, so that the waste water can be drained to the trenches already available, excluding cost of earth work excavation, cost of re-filling with crushed stone sand/ earth, but including laying the pipe in true alignment and gradient and conducting required water supply test for draining with necessary tools and plants, etc., complete complying with standard specifications.(Earth work excavation, re-filling with excavated earth will be measured and paid separately).					
			Sub-Data			
			Labour for laying for 30m length (loose joint)			
	1.00	No.	Plumber II Class		Each	
	3.00	Nos.	Mazdoor Category I		Each	
	1.00	No.	Mazdoor Category II		Each	
			Total for 30 RM			
			Rate / 1 RM			
			Main Data			
				100 mm	150 mm	
	1.00	RM	Cost of pipes (each of length 0.60 metre)			
			Labour Charges			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
666	Supplying and fixing in position 150mm dia stoneware tee of approved best quality and providing leak proof joints with cement, spun yarn, etc., including dismantling the brick work and re-doing the dismantled portion to the original condition, etc., complete complying with standard specifications (The stoneware tee shall be got approved by the Executive Engineer before use on work)					
	1.00	No.	Cost of 150mm stoneware tee		Each	
	0.25	No.	Plumber I Class		Each	
	1.00	Kg.	Cement		MT	
	0.125	Kg.	Spun yarn		Kg	
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
667			Supplying and fixing in position 150 x 100mm "P" or "S" stoneware gully trap 'A' grade with CI double gratings of size 150 x 150mm and 230 x 230mm at bottom and top respectively with necessary earth work excavation laid over a bed of brick jelly cement concrete 1:3:6 (One cement, Three crushed stone sand and Six broken brick jelly) 150mm thick using 40mm size broken brick jelly including necessary brick work and plastering including dismantling masonry wherever necessary and re-doing the damaged portions to the original conditions using cement concrete 1:3:6 using 20mm stone jelly for fixing the gully trap and giving connections to stoneware sewer line etc., complete complying with standard specifications. [Earth work excavation, brick work, plastering shall be measured and paid separately]. The stoneware gully trap should be got approved by the Executive Engineer before use on works.			
			Main Data			
	1.00	No.	Cost of Gully Trap with CI double gratings		Each	
	0.25	No.	Mason I Class		Each	
	0.25	No.	Mazdoor Category I		Each	
	0.03	cu.m	CC 1:3:6 using 20mm stone jelly		cu.m	
	0.05	cu.m	Brick jelly cement concrete 1:3:6 using 40mm brick jelly		cu.m	
			Sub Total (A) for 1 Cu.m			
			Add water charges @1% of Sub Total X			
			Rate for 1 Cu.m			
			Sub-Data brick jelly cement concrete 1:3:6			
	9.00	Cu.m	Brick jelly 40mm thick		Cu.m	
	4.50	Cu.m	Cement Mortar 1:3		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Rate for 10 Cu.m			
			Rate for 1 Cu.m			
			Sub-Data plain cement concrete 1:3:6			
	9.00	Cu.m	Stone jelly 20mm thick		Cu.m	
	4.50	Cu.m	Cement Mortar 1:3		Cu.m	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Rate for 10 Cu.m			
			Rate for 1 Cu.m			
668	Supplying and fixing AC ventilating shaft of 100mm dia with 3 metre height including cost of 100mm dia AC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental officers					
	3.00	RM	Cost of 3 metre height AC pipe		3 RM	
	0.30	No.	Plumber I Class		Each	
	0.30	No.	Mazdoor Category I		Each	
	1.00	No.	AC cowl		Each	
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
669	Supplying and fixing PVC ventilating shaft of 110mm dia (having working pressure 4 kg. / sq.cm) with 3 metre height including cost of PVC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental officers					
	3.00	RM	Cost of 3 metre height PVC pipe		RM	
	0.30	No.	Plumber I Class		Each	
	0.30	No.	Mazdoor Category I		Each	
	1.00	No.	PVC cowl		Each	
	20.00	gram	PVC adhesive		100 gram	
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
670	Supplying and fixing in position CI manhole covers with CI frames (Heavy duty) of size 60cm x 60cm of best approved quality as per standard specification etc., complete complying with standard specifications					
			Sub-Data			
			Labour for fixing 3 Nos. of CI Manhole Cover			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	No.	Mason I Class		Each	1098.00
	1.00	No.	Mazdoor Category I		Each	716.00
			Total for fixing 3 Nos.			1814.00
			For fixing 1 No.			604.67
			Main Data			
	1.00	No.	Cost of CI Manhole Cover (Heavy Duty)		Each	
	1.00	No.	Labour charges		Each	
	0.004	cu.m	Cement Mortar 1:3		cu.m	
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
671	Supplying, laying and position best quality Indian cast iron soil / waste pipes of following dia of approved brand and quality conforming to BIS and providing leak proof joints with spun yarn and making connection to all sanitary fittings with required number of special, clamps, cement and spun yarn, dismantling the masonry / RCC wherever necessary and making good the dismantled portion to the original condition including painting the cast iron pipes and fittings with two coats of anti corrosive paint of approved quality and colour and the pipes fixed in position in true alignment, etc., complete complying with standard specifications (The CI pipes shall be got approved by the Executive Engineer before use on work)					
			Sub-Data			
			Labour for laying CI pipe line for 1.83 metre long			
	0.50	No.	Plumber I Class		Each	
	0.25	No.	Stone Cutter II Class		Each	
	1.00	No.	Mazdoor Category I		Each	
			Total for 1.83 RM			
			Rate / 1 RM (A) (X1)			
			Sub-Data for anti-corrosive paint two coats			
	2.22	litre	Anti-corrosive paint		litre	
	1.10	Nos.	Painter I Class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Sundries for brushes, etc.		LS	
			Total for 10 sq.m.			
			Rate per 1 sq.m.(B) (X2)			
			Sub-Data for painting			
				150 mm	100mm	75mm
			Painting area	0.47	0.314	0.24
	146.89	sq.m.	Cost of painting (X3)	69.25	46.16	34.62
			Main Data			
				150 mm	100mm	75mm
	1.00	RM	Cost of pipes (each of length 1.83 metre)			
			Labour Charges for 1 RM as per (A) (i.e) X1			
	2.00	Nos.	Special clamp			
	1.00	Kg.	Cement			
	250.00	grams	Spun yarn			
			Two coats of anti corrosive paint (i.e) X3			
			Sub Total for 1 RM (X4)			
			Add water charges @1% of Sub Total X4			
			Rate for 1 RM			
672	Supplying and fixing in position following CI specials of various dia of approved quality conforming to BIS and providing leak proof joints with cement, spun yarn, etc., including fixing to wall and giving connections to the CI soil stacks, dismantling the brick work / RCC floor or roof slab and re-doing the dismantled portion to the original condition including the CI specials with two coats of anti corrosive paint of approved quality and colour etc., complete complying with standard specifications (The CI specials shall be got approved by the Executive Engineer before use on work)					
			Sub-Data			
			Labour for fixing CI specials 4 Nos.			
	1.00	No.	Plumber I class		Each	
	1.00	No.	Mazdor I class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.80	No.	Plumber II Class		Each	
			Total for fixing 4 Nos.			
			Rate for 1 No.			
			Sundries for 1 No.			
	2.00	Kgs.	Cement		MT	
	500.00	gram	Spun yarn		Kg.	
		LS	Anti-corrosive paint		LS	
			Total			
A			CI Plain Bend	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing			
	1.00	No.	Sundries			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
B			CI Bend with Door	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing			
	1.00	No.	Sundries			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
C			CI Plain Tee	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	No.	Sundries			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
D			CI Tee with Door	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing			
	1.00	No.	Sundries			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
E			CI "Y" Junction with Door (single)	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing			
	1.00	No.	Sundries			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
F			CI "Y" Junction with Door (Double)	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing			
	1.00	No.	Sundries			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub-Data			
			Labour for fixing CI Cowl			
	0.25	No.	Plumber I class	952.00	Each	238.00
	1.00	Kg.	Cement	5960.00	MT	5.96
	125.00	gram	Spun yarn	13.10	Kg.	1.64
		LS	Add for anti-corrosive painting		LS	1.50
			Rate for 1 No.(A)			2.70.10
G			CI Cowl	150mm	100mm	75mm
	1.00	No.	Cost			
	1.00	No.	Labour for fixing as per A (i.e) X1			
			Sub Total for 1 No (X).			
			Add water charges @1% of Sub Total X2			
			Rate for 1 No.			
673	Supplying and fixing in position best quality PVC soil / waste pipes of various dia having 6 kg / sq.cm. pressure BIS mark and providing leak proof joints using PVC adhesives including fixing to the wall with special PVC / MS clamp, teak wood plugs, brass screws, etc., and making connection to all sanitary fittings, dismantling masonry / RCC works wherever found necessary and making the good dismantled portion to the original condition, including testing for any leakages, etc., complete complying with standard specifications. (The PVC pipes should be got approved by the Executive Engineer before use on works). The rate for earth work excavation will be measured and paid separately in the cases where the pipe lines are proposed to laid below ground level					
			Sub-Data			
			Labour for 6.10 RM (one length)			
	0.40	No.	Plumber I Class		Each	
	0.25	No.	Stone Cutter II Class		Each	
	0.75	No.	Mazdoor Category I		Each	
	6.00	set	PVC / MS special clamp, TW plugs and screws		set	
	20.00	gram	PVC adhesive		100 gram	
			Total for 6.10 RM (one length)			
			Rate for 1 RM (A) (X1)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Main Data			
			Dia of pipe	75mm	110mm	160mm
			Cost of PVC pipe per RM			
			Labour charges as per (A) (i.e) X1			
			Sub Total for 1 RM (X2)			
			Add water charges @1% of Sub Total X2			
			Rate for 1 RM			
674	Supplying and fixing in position PVC specials of the following dia and types of approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. (The PVC specials should be got approved by the Executive Engineer before use on works).					
			Sub-Data			
			Labour for fixing 4 Nos.			
	0.60	No.	Plumber I Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.50	No.	Plumber II Class		Each	
			Total for fixing 4 Nos.			
			Rate for 1 No.(A) (X1)			
			Sundries for 1 No.			
	20.00	gram	PVC adhesive		100 gram.	
			Rate for 1 No. (B) (X2)			
			Main Data			
A			PVC Elbow	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing as per (A) (i.e) X1			
	1.00	No.	Sundries for 1 No. as per (B) (i.e) X2			
			Sub Total for 1 No. (X3)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X3			
			Rate for 1 No.			
B			PVC Elbow with Door	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A) as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X4)			
			Add water charges @1% of Sub Total X4			
			Rate for 1 No.			
C			PVC Tee	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A) as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X5)			
			Add water charges @1% of Sub Total X5			
			Rate for 1 No.			
D			PVC Tee with Single Door	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A) as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X6)			
			Add water charges @1% of Sub Total X6			
			Rate for 1 No.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
E			PVC Tee with Double Door	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A) as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X7)			
			Add water charges @1% of Sub Total X7			
			Rate for 1 No.			
F			PVC Bend	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A)as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X8)			
			Add water charges @1% of Sub Total X8			
			Rate for 1 No.			
G			PVC "Y"	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A)as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X9)			
			Add water charges @1% of Sub Total X9			
			Rate for 1 No.			
H			PVC "Y" with Single Door	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A)as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub Total for 1 No. (X10)			
			Add water charges @1% of Sub Total X10			
			Rate for 1 No.			
I			PVC "Y" with Double Door	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A)as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X11)			
			Add water charges @1% of Sub Total X11			
			Rate for 1 No.			
675	Supplying and fixing in position PVC 4 way junction plain or with door of various dia of best approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. (The PVC specials should be got approved by the Executive Engineer before use on works).					
			Sub-Data			
			Labour for fixing 2 Nos.			
	0.60	No.	Plumber I Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.25	No.	Plumber II Class		Each	
			Total for fixing 2 Nos.			
			Rate for 1 No.(A) (X1)			
			Sundries for 1 No.			
	30.00	gram	PVC adhesive		100 gram.	
			Rate for 1 No.(B) (X2)			
			Main Data			
A			PVC Double Tee with Single Door (4 way junction)	160mm	110mm	75mm

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A) as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X3)			
			Add water charges @1% of Sub Total X3			
			Rate for 1 No.			
B			PVC Double "Y" with Single Door (4 way junction)	160mm	110mm	75mm
	1.00	No.	Cost of special			
	1.00	No.	Labour for fixing (A) as per (i.e) X1			
	1.00	No.	Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 No. (X4)			
			Add water charges @1% of Sub Total X4			
			Rate for 1 No.			
676			Supplying and fixing in position PVC cowls of following dia of best approved quality conforming to BIS, etc., complete complying with standard specifications. (The PVC cowl should be got approved by the Executive Engineer before use on works).			
			Sub-Data			
			Labour Charges PVC Cowl			
	0.20	No.	Plumber I Class		Each	
	20.00	gram	PVC adhesive		100 gram.	
			Total for 1 No.(A) (X1)			
			Main Data			
			PVC Cowl	110mm	75mm	50mm
	1.00	No.	Cost of cowl			
	1.00	No.	Labour charges as per A as per (i.e) X1			
			Sub Total for 1 No. (X2)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X2			
			Rate for 1 No.			
677			Supplying and fixing in position CP shower rose with CP stop cock arrangement of size 15mm dia inlet and 100mm outlet to the pipe line with necessary cutting, threading and jointing using shellac etc., complete complying with standard specification and as directed by the departmental officers (The CP shower rose should be got approved by the Executive Engineer before use on works).			
	1.00	No.	Cost of CP Shower Rose		Each	
	1.00	No.	Cost of CP stop cock		Each	
	0.10	No.	Plumber I Class		Each	
	0.10	No.	Mazdoor Category I		Each	
	10.00	gram	Shellac		100 gms.	
	0.25	No.	Thread ball		Each	
			Sub Total for 1 No. (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No.			
			Internal Water Supply Arrangements using PVC pipes and PVC specials			
678			Supplying, laying and jointing PVC pipes (having working pressure 10 kg. / sq.cm) of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing PVC specials using PVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works. - Internal water supply above ground level.			
A			For laying PVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.30	No.	Stone Cutter I Class		Each	
	0.45	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.40	No.	Mazdoor Category I		Each	
	0.30	No.	Mazdoor Category II		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 10 RM			
			Total for 1 RM (A) (X1)			
			Sundries for 1 RM			
	8.33	gram	PVC adhesive		100 gram.	
	1.66	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM(B) (X2)			
			Main Data			
			For laying PVC pipe line of dia	15mm	20mm	25mm
			Cost of PVC pipe per RM			
			Labour for fixing (A) as per (i.e) X1			
			Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 RM (X3)			
			Add water charges @1% of Sub Total X3			
			Rate for 1 Rm			
B			For laying PVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.45	No.	Stone Cutter I Class		Each	
	0.70	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.45	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM (C) (X4)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries for 1 RM			
	10.00	gram	PVC adhesive		100 gram.	
	1.00	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM (D) (X5)			
			Main Data			
			For laying PVC pipe line of dia	32mm	40mm	
			Cost of PVC pipe per RM			
			Labour for fixing (c) as per (i.e) X4			
			Sundries for 1 No.(d) as per (i.e) X5			
			Sub Total for 1 RM (X6)			
			Add water charges @1% of Sub Total X6			
			Rate for 1 Rm			
C			For laying PVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.60	No.	Stone Cutter I Class		Each	
	0.90	No.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.75	No.	Mazdoor Category I		Each	
	0.60	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM(E) (X7)			
			Sundries for 1 RM			
	15.00	gram	PVC adhesive		100 gram.	
	1.00	Set	PVC clamps, TW plugs and screws		Set	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 1 RM (F) (X8)			
			Main Data			
			For laying PVC pipe line of dia		50mm	
			Cost of PVC pipe per RM			
			Labour for fixing (e) as per (i.e) X7			
			Sundries for 1 No.(f) as per (i.e) X8			
			Sub Total for 1 RM (X9)			
			Add water charges @1% of Sub Total X9			
			Rate for 1 Rm			
			External Water Supply Arrangements using PVC pipes and PVC specials			
679	Supplying, laying and jointing PVC pipes (having working pressure 10 kg. / sq.cm) of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing PVC specials using PVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works. - External water supply - above ground level/Below ground level					
I			Above Ground Level			
A			For laying PVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.35	No.	Stone Cutter I Class		Each	
	0.55	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 1 RM (A) (X1)			
			Sundries for 1 RM			
	8.33	gram	PVC adhesive		100 gram.	
	1.11	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM (B) (X2)			
			Main Data			
			For laying PVC pipe line of dia	15mm	20mm	25mm
			Cost of PVC pipe per RM			
			Labour for fixing (A) as per (i.e) X1			
			Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 RM (X3)			
			Add water charges @1% of Sub Total X3			
			Rate for 1 Rm			
B			For laying PVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Stone Cutter I Class		Each	
	0.80	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM (C) (X4)			
			Sundries for 1 RM			
	10.00	gram	PVC adhesive		100 gram.	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM (D) (X5)			
			Main Data			
			For laying PVC pipe line of dia	32mm	40mm	
			Cost of PVC pipe per RM			
			Labour for fixing (c) as per (i.e) X4			
			Sundries for 1 No.(d) as per (i.e) X5			
			Sub Total for 1 RM (X6)			
			Add water charges @1% of Sub Total X6			
			Rate for 1 Rm			
C			For laying PVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.70	No.	Stone Cutter I Class		Each	
	1.05	Nos.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM (E) (X7)			
			Sundries for 1 RM			
	15.00	gram	PVC adhesive		100 gram.	
	1.50	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM (F) (X8)			
			Main Data			
			For laying PVC pipe line of dia		50mm	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Cost of PVC pipe per RM			
			Labour for fixing (e) as per (i.e) X7			
			Sundries for 1 No.(f) as per (i.e) X8			
			Sub Total for 1 RM (X9)			
			Add water charges @1% of Sub Total X9			
			Rate for 1 Rm			
II			Below Ground Level			
A			For laying PVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Plumber I Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM (A) (X1)			
			Sundries for 1 RM			
	8.33	gram	PVC adhesive		100 gram.	
			Total for 1 RM (B) (X2)			
			Main Data			
			For laying PVC pipe line of dia	15mm	20mm	25mm
			Cost of PVC pipe per RM			
			Labour for fixing (A) as per (i.e) X1			
			Sundries for 1 No.(B) as per (i.e) X2			
			Sub Total for 1 RM (X3)			
			Add water charges @1% of Sub Total X3			
			Rate for 1 Rm			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
B			For laying PVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.80	No.	Plumber I Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM (C) (X4)			
			Sundries for 1 RM			
	10.00	gram	PVC adhesive		100 gram.	
			Total for 1 RM (D) (X5)			
			Main Data			
			For laying PVC pipe line of dia	32mm	40mm	
			Cost of PVC pipe per RM			
			Labour for fixing (c) as per (i.e) X4			
			Sundries for 1 No.(d) as per (i.e) X5			
			Sub Total for 1 RM (X6)			
			Add water charges @1% of Sub Total X6			
			Rate for 1 Rm			
C			For laying PVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	1.05	Nos.	Plumber I Class		Each	
	0.85	No.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM (E) (X7)			
			Sundries for 1 RM			
	15.00	gram	PVC adhesive		100 gram.	
			Total for 1 RM (F) (X8)			
			Main Data			
			For laying PVC pipe line of dia		50mm	
			Cost of PVC pipe per RM			
			Labour for fixing (e) as per (i.e) X7			
			Sundries for 1 No.(f) as per (i.e) X8			
			Sub Total for 1 RM (X9)			
			Add water charges @1% of Sub Total X9			
			Rate for 1 Rm			
680	Supplying PVC Specials (with working pressure 10 kg. / sq.cm.) in water supply arrangements (both in internal and external water supply arrangements)					
		Note:	Since the labour for cutting, threading / pasting, sundries have already been included under pipe line item of works, no separate provision for fixing PVC specials needs to be allowed			
A			Coupler			
a	1.00	No.	15 mm Dia		Each	
b	1.00	No.	20 mm Dia		Each	
c	1.00	No.	25 mm Dia		Each	
d	1.00	No.	32 mm Dia		Each	
e	1.00	No.	40 mm Dia		Each	
f	1.00	No.	50 mm Dia		Each	
B			Elbow			
a	1.00	No.	15 mm Dia		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
b	1.00	No.	20 mm Dia		Each	
c	1.00	No.	25 mm Dia		Each	
d	1.00	No.	32 mm Dia		Each	
e	1.00	No.	40 mm Dia		Each	
f	1.00	No.	50 mm Dia		Each	
C			BEND			
a	1.00	No.	15 mm Dia		Each	
b	1.00	No.	20 mm Dia		Each	
c	1.00	No.	25 mm Dia		Each	
d	1.00	No.	32 mm Dia		Each	
e	1.00	No.	40 mm Dia		Each	
f	1.00	No.	50 mm Dia		Each	
D			Tee			
a	1.00	No.	15 mm Dia		Each	
b	1.00	No.	20 mm Dia		Each	
c	1.00	No.	25 mm Dia		Each	
d	1.00	No.	32 mm Dia		Each	
e	1.00	No.	40 mm Dia		Each	
f	1.00	No.	50 mm Dia		Each	
E			End Cap			
a	1.00	No.	15 mm Dia		Each	
b	1.00	No.	20 mm Dia		Each	
c	1.00	No.	25 mm Dia		Each	
d	1.00	No.	32 mm Dia		Each	
e	1.00	No.	40 mm Dia		Each	
f	1.00	No.	50 mm Dia		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
F			Reducer			
a	1.00	No.	20 mm x 15 mm		Each	
b	1.00	No.	25 mm x 20 mm		Each	
c	1.00	No.	32 mm x 25 mm		Each	
d	1.00	No.	40 mm x 32 mm		Each	
e	1.00	No.	50 mm x 40 mm		Each	
G			Reducer Tee			
a	1.00	No.	20 mm x 15 mm		Each	
b	1.00	No.	25 mm x 20 mm		Each	
c	1.00	No.	32 mm x 25 mm		Each	
d	1.00	No.	40 mm x 32 mm		Each	
e	1.00	No.	50 mm x 40 mm		Each	
H			Reducer Elbow			
a	1.00	No.	20 mm x 15 mm		Each	
b	1.00	No.	25 mm x 20 mm		Each	
c	1.00	No.	32 mm x 25 mm		Each	
d	1.00	No.	40 mm x 32 mm		Each	
e	1.00	No.	50 mm x 40 mm		Each	
J			Jet Nipple			
a	1.00	No.	25 mm Dia		Each	
b	1.00	No.	32 mm Dia		Each	
681	Supplying and fixing if marble of 0.61*1.22m.,18/20mm thick in all floors for urinal partition including for labour charges for fixing and polishing etc.,					
	0.74	sq.m.	Cost of marble slab		sq.m	
	2.00	Nos.	Clamp with bolts&nuts		nos	
		LS	Labour for fixing		LS	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Cement mortar & dismantling and redoing the same		LS	
		LS	Nozing edges and polishing		LS	
			Rate for 0.74 sq.m			
			Sub Total for 1 sq.m (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 sq.m			
682	Supplying and fixing best approved best quality porcelain soap dish of size 150 x 150 x 50mm (white/colour) including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The soap tray should be got approved by Executive Engineer before use on works). - White / Colour					
	1.00	No.	porcelain soap dish of size 150 x 150 x 50mm (white)		Each	
	0.10	No.	Carpenter II Class		Each	
	0.10	No.	Mazdoor Category II		Each	
	2.00	Nos.	Teak wood plugs		Each	
	2.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No			
	1.00	No.	porcelain soap dish of size 150 x 150 x 50mm (colour)		Each	
	0.10	No.	Carpenter II Class		Each	
	0.10	No.	Mazdoor Category II		Each	
	2.00	Nos.	Teak wood plugs		Each	
	2.00	Nos.	Brass CP Screws (30 x 6mm)		Each	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
683	Construction of INSPECTION CHAMBER following clear sizes including earth work excavation, CC 1:5:10 of 10 cm thick and brick work in Cement Mortar 1:5 [One cement and Five sand] using best quality of Clay burnt Bricks of size 9" x 4 3/8" x 2 3/4" with Class designation of 7.5 and Plastering with Cement Mortar 1:3 [One Cement and Three Plastering Sand] 12 mm thick to inner and outer sides and wearing coat 1:3:6 [One Cement, Three crushed stone sand and Six Aggregate] 15 cm thick and covered with precast slab 5 cm thick etc., complete complying as directed by the departmental officers as per standard specification.					
			Sub Data C.C. 1:3:6 using 20mm jelly.			
	9.00	Cu.m	Broken stone jelly 20mm gauge		Cu.m	
	4.50	Cu.m	Cement mortar 1:3		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor I category		Each	
	14.10	Nos.	Mazdoor II category		Each	
			Total for 10Cu.m			
			Rate for 1Cu.m	-	-	
		a.	CLEAR SIZE 0.45 X 0.45			
			Earth work	1.11 X 1.11 X 0.60 = 0.74 m ³		
			C.C.1:5:10	1.11 x 1.11 x 0.10 = 0.12 m ³		
			B.W. in C.M.1:5	2.702 x 0.23 x 0.53 = 0.33 m ³		
			Plastering C.M.1:3,12MMTk.			
			Inside alround	1.80 X 0.53 = 0.954 m ²		
			Outer alround	3.64 X 0.30 = 1.092 m ²		
			Top	2.702 X 0.23 = 0.626 m ²		
			MAIN DATA.			
	0.74	Cu.m	Earth work		Cu.m	
	0.12	Cu.m	C.C.1:5:10		Cu.m	
	0.33	Cu.m	B.W. C.M.1:5 using Clay burnt Bricks of size 9" x 4 3/8" x 2 3/4" with Class designation of 7.5		Cu.m	
	2.672	Sq.m	Plastering C.M.1:3 12mm Tk WPC		Sq.m	
	0.83	Sq.m	Precast slab 50mm Thk		Sq.m	
	0.03	Cu.m	P.C.C.1:3:6		Cu.m	
			Sub Total for 1 No (X)			-

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 No			
		b.	CLEAR SIZE 0.60 X 0.60			
			Earth work	1.26 X 1.26 X 0.60 = 0.95 M3		
			C.C.1:5:10	1.26 x 1.26 x 0.10 = 0.16 M3		
			B.W. in C.M.1:5	3.32 x 0.23 x 0.60 = 0.46 M3		
			Plastering C.M.1:3,12MMTk.			
			Inside alround	2.40 X 0.60 = 1.44 m ²		
			Outer alround	4.24 X 0.30 = 1.27 m ²		
			Top	3.32 X 0.23 = 0.76 m ²		
					3.47 m ²	
			MAIN DATA.			
	0.95	Cu.m	Earth work		Cu.m	
	0.16	Cu.m	C.C.1:5:10		Cu.m	
	0.46	Cu.m	B.W. C.M.1:5 using Clay burnt Bricks of size 9" x 4 3/8" x 2 3/4" with Class designation of 7.5		Cu.m	
	3.47	Sq.m	Plastering C.M.1:3 12mm Tk WPC		Sq.m	
	1.12	Sq.m	Precast slab 50mm Thk		Sq.m	
	0.054	Cu.m	P.C.C.1:3:6		Cu.m	
			Sub Total for 1 No (X)		-	-
			Add water charges @1% of Sub Total X			
			Rate for 1 No			
		c.	CLEAR SIZE 0.90 X 0.90			
			Earth work	1.56 X 1.56 X 0.60 = 1.46 M3		
			C.C.1:5:10	1.56 x 1.56 x 0.10 = 0.24 M3		
			B.W. in C.M.1:5	4.52 x 0.23 x 0.60 = 0.62 M3		
			Plastering C.M. 1:5, 12 mm Tk.			
			Inside alround	3.60 X 0.60 = 2.16 m²		

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Outer alround	4.52 X 0.23 = 1.04 m²		
			Top	5.44 X 0.30 = 1.63 m²		
					4.83 m²	
			MAIN DATA.			
	1.46	Cu.m	Earth work		Cu.m	
	0.24	Cu.m	C.C.1:5:10		Cu.m	
	0.62	Cu.m	B.W. C.M.1:5 using Clay burnt Bricks of size 9" x 4 3/8" x 2 3/4" with Class designation of 7.5		Cu.m	
	4.83	Sq.m	Plastering C.M.1:3 12mm Tk WPC		Sq.m	
	1.85	Sq.m	Precast slab 50mm Thk		Sq.m	
	0.12	Cu.m	P.C.C.1:3:6		Cu.m	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No			
			Internal Water Supply Arrangements using UPVC pipes and UPVC specials			
684	Supplying, laying and jointing UPVC pipes of Class 5 (having working pressure of 10 kg/sq.cm) conforming to IS 4985- 2000 of approved quality and best variety of the following dia including cutting, and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) in accordance with IS 7634-3(2003) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges, etc., complete complying with standard specifications. The UPVC pipes shall be got approved by Executive Engineer before use on works. - Internal water supply - above ground level.					
A			For laying UPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.30	Nos.	Stone Cutter I Class		Each	
	0.45	Nos.	Plumber I Class		Each	
	0.10	Nos.	Plumber II Class		Each	
	0.40	Nos.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.30	Nos.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	UPVC adhesive		100 gram.	
	1.66	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	15mm	20mm	25mm
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying UPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.45	No.	Stone Cutter I Class		Each	
	0.70	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.45	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries for 1 RM			
	10.00	gram	UPVC adhesive		100 gram.	
	1.00	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	32mm	40mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying UPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.60	No.	Stone Cutter I Class		Each	
	0.90	No.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.75	No.	Mazdoor Category I		Each	
	0.60	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	15.00	gram	UPVC adhesive		100 gram.	
	1.00	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia		50mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
			External Water Supply Arrangements using UPVC pipes and UPVC specials			
685	Supplying, laying and jointing UPVC pipes of Class 5 (having working pressure of 10 kg/sq.cm) conforming to IS 4985- 2000 of approved quality and best variety of the following dia including cutting and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) in accordance with IS 7634-3 (2003) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works - External water supply above ground level / Below ground level.					
I			Above Ground Level			
A			For laying UPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.35	No.	Stone Cutter I Class		Each	
	0.55	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.45	No.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	UPVC adhesive		100 gram.	
	1.11	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	15mm	20mm	25mm
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying UPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Stone Cutter I Class		Each	
	0.80	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	UPVC adhesive		100 gram.	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	32mm	40mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying UPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.70	No.	Stone Cutter I Class		Each	
	1.05	Nos.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	UPVC adhesive		100 gram.	
	1.50	Set	PVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			For laying UPVC pipe line of dia		50mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
II			Below Ground Level			
A			For laying UPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Plumber I Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	UPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	15mm	20mm	25mm
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
B			For laying UPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.80	No.	Plumber I Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	UPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	32mm	40mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying UPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	1.05	Nos.	Plumber I Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	UPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia		50mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
			Internal Water Supply Arrangements using UPVC pipes and UPVC specials			
686	Supplying, laying and jointing UPVC pipes of Class 6 (having working pressure of 12.50 kg/sq.cm) conforming to IS 4985- 2000 of approved quality and best variety of the following dia including cutting and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) in accordance with IS 7634-3 (2003) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works - Internal water supply above ground level.					
A			For laying UPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.30	No.	Stone Cutter I Class		Each	
	0.45	No.	Plumber I Class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.10	No.	Plumber II Class		Each	
	0.40	No.	Mazdoor Category I		Each	
	0.30	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	UPVC adhesive		100 gram.	
	1.66	Set	UPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	15mm	20mm	25mm
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying UPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.45	No.	Stone Cutter I Class		Each	
	0.70	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.45	No.	Mazdoor Category II		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	UPVC adhesive		100 gram.	
	1.00	Set	UPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	32mm	40mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying UPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.60	No.	Stone Cutter I Class		Each	
	0.90	No.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.75	No.	Mazdoor Category I		Each	
	0.60	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries for 1 RM			
	15.00	gram	UPVC adhesive		100 gram.	
	1.00	Set	UPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia		50mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
			External Water Supply Arrangements using UPVC pipes and UPVC specials			
687	Supplying, laying and jointing UPVC pipes of Class 6 (having working pressure of 12.50 kg/sq.cm) conforming to IS 4985- 2000 of approved quality and best variety conforming to BIS of the following dia including cutting and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) in accordance with IS 7634-3 (2003) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works - External water supply above ground level / Below ground level.					
I			Above Ground Level			
A			For laying UPVC pipes of dia 15mm, 20mm and 25mm	(Commercial applications)		
			Sub-Data			
			Labour for 10 RM			
	0.35	No.	Stone Cutter I Class		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.55	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	UPVC adhesive		100 gram.	
	1.11	Set	UPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	15mm	20mm	25mm
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying UPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Stone Cutter I Class		Each	
	0.80	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	UPVC adhesive		100 gram.	
	1.00	Set	UPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	32mm	40mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying UPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.70	No.	Stone Cutter I Class		Each	
	1.05	Nos.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	UPVC adhesive		100 gram.	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.50	Set	UPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia		50mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
II			Below Ground Level			
A			For laying UPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Plumber I Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	UPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	15mm	20mm	25mm
			Cost of UPVC pipe per RM			
			Labour Charges			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying UPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.80	No.	Plumber I Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	UPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia	32mm	40mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying UPVC pipes of dia 50mm			
			Sub-Data			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Labour for 10 RM			
	1.05	Nos.	Plumber I Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	UPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying UPVC pipe line of dia		50mm	
			Cost of UPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
688	Supplying UPVC Specials in water supply arrangements (both in internal and external water supply arrangements)					
		Note:	Since the labour for cutting, pasting, sundries have already been included under pipe line item of works, no separate provision for fixing UPVC specials needs to be allowed			
I			Elbow			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
II			Tee			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
III			UNION			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
IV			BEND			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
V			COUPLER			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
VI			REDUCER			
a	1.00	No.	50 mm x 40 mm Dia		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
b	1.00	No.	40 mm x 32 mm Dia		Each	
c	1.00	No.	32 mm x 25 mm Dia		Each	
d	1.00	No.	25 mm x 20 mm Dia		Each	
e	1.00	No.	20 mm x 15 mm Dia		Each	
VII			REDUCER ELBOW			
a	1.00	No.	50 mm x 40 mm Dia		Each	
b	1.00	No.	40 mm x 32 mm Dia		Each	
c	1.00	No.	32 mm x 25 mm Dia		Each	
d	1.00	No.	25 mm x 20 mm Dia		Each	
e	1.00	No.	20 mm x 15 mm Dia		Each	
VIII			REDUCER TEE			
a	1.00	No.	50 mm x 40 mm Dia		Each	
b	1.00	No.	40 mm x 32 mm Dia		Each	
c	1.00	No.	32 mm x 25 mm Dia		Each	
d	1.00	No.	25 mm x 20 mm Dia		Each	
e	1.00	No.	20 mm x 15 mm Dia		Each	
IX			HEX NIPPLE			
i	1.00	No.	50 mm Dia		Each	
ii	1.00	No.	40 mm Dia		Each	
iii	1.00	No.	32 mm Dia		Each	
iv	1.00	No.	25 mm Dia		Each	
v	1.00	No.	20 mm Dia		Each	
vi	1.00	No.	15 mm Dia		Each	
			Internal Water Supply Arrangements using CPVC pipes and CPVC specials			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
689			Supplying, laying and jointing CPVC pipes OF Standard Dimension Ratio 11 (Pressure class 1) conforming to IS:15778 - 2007 of approved quality and best variety of the following dia including cutting and fixing CPVC specials using CPVC adhesives (Solvent Cement) (but excluding cost of such specials) and fixing into wall with teak wood plugs, CPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges, etc., complete complying with standard specifications and as directed by the departmental officers. (The CPVC pipes shall be got approved by Executive Engineer before use on works) - Internal water supply above ground level.			
A			For laying CPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	1.00	No.	Stone Cutter I Class		Each	
	1.00	No.	Plumber I Class		Each	
	1.00	No.	Plumber II Class		Each	
	1.00	No.	Mazdoor Category I		Each	
	1.00	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	CPVC adhesive		100 gram.	
	1.66	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	15mm	20mm	25mm
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Rate for 1 RM			
B			For laying CPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.45	No.	Stone Cutter I Class		Each	
	0.70	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.45	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	CPVC adhesive		100 gram.	
	1.00	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	32mm	40mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying CPVC pipes of dia 50mm			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub-Data			
			Labour for 10 RM			
	0.60	No.	Stone Cutter I Class		Each	
	0.90	No.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.75	No.	Mazdoor Category I		Each	
	0.60	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	CPVC adhesive		100 gram.	
	1.00	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia		50mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
			External Water Supply Arrangements using CPVC pipes and CPVC specials			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
690			Supplying, laying and jointing CPVC pipes of Standard Dimension Ratio-11 (Pressure class 1) conforming to IS:15778 - 2007 of approved quality and best variety of the following dia including cutting and fixing CPVC specials using CPVC adhesives (Solvent Cement) (but excluding cost of such specials) and fixing into wall with teak wood plugs, CPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications and as directed by the departmental officers. (The CPVC pipes shall be got approved by Executive Engineer before use on works). - External water supply above ground level / Below ground level.			
I			Above Ground Level			
A			For laying CPVC pipes of dia 15mm, 20mm and 25mm	Standard Dimension ratio 11		
			Sub-Data			
			Labour for 10 RM			
	0.35	No.	Stone Cutter I Class		Each	
	0.55	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	CPVC adhesive		100 gram.	
	1.11	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	15mm	20mm	25mm
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying CPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Stone Cutter I Class		Each	
	0.80	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	CPVC adhesive		100 gram.	
	1.00	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	32mm	40mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
C			For laying CPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.70	No.	Stone Cutter I Class		Each	
	1.05	Nos.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	CPVC adhesive		100 gram.	
	1.50	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia		50mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
II			Below Ground Level			
A			For laying CPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.55	No.	Plumber I Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	CPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	15mm	20mm	25mm
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying CPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.80	No.	Plumber I Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	CPVC adhesive		100 gram.	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	32mm	40mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying CPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	1.05	Nos.	Plumber I Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	CPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia		50mm	
			Cost of CPVC pipe per RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
			Internal Water Supply Arrangements using CPVC pipes and CPVC specials			
691	Supplying, laying and jointing CPVC pipes OF Standard Dimension Ratio -13.50 (Pressure class 2) conforming to IS:15778 - 2007 of approved quality and best variety of the following dia including cutting and fixing CPVC specials using CPVC adhesives (Solvent Cement) (but excluding cost of such specials) and fixing into wall with teak wood plugs, CPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges, etc., complete complying with standard specifications and as directed by the departmental officers. (The CPVC pipes shall be got approved by Executive Engineer before use on works) - Internal water supply above ground level.					
A			For laying CPVC pipes of dia 15mm, 20mm and 25mm	Standard Dimension ratio 13.50		
			Sub-Data			
			Labour for 10 RM			
	0.30	No.	Stone Cutter I Class		Each	
	0.45	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.40	No.	Mazdoor Category I		Each	
	0.30	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	CPVC adhesive		100 gram.	
	1.66	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Main Data			
			For laying CPVC pipe line of dia	15mm	20mm	25mm
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying CPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.45	No.	Stone Cutter I Class		Each	
	0.70	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.60	No.	Mazdoor Category I		Each	
	0.45	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	CPVC adhesive		100 gram.	
	1.00	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			For laying CPVC pipe line of dia	32mm	40mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying CPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.60	No.	Stone Cutter I Class		Each	
	0.90	No.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.75	No.	Mazdoor Category I		Each	
	0.60	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	CPVC adhesive		100 gram.	
	1.00	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia		50mm	
			Cost of CPVC pipe per RM			
			Labour Charges			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
			External Water Supply Arrangements using CPVC pipes and CPVC specials			
692	Supplying, laying and jointing CPVC pipes Standard Dimension Ratio -13.5 (Pressure class 2) conforming to IS:15778 - 2007 of approved quality and best variety of the following dia including cutting and fixing CPVC specials using CPVC adhesives (Solvent Cement) (but excluding cost of such specials) and fixing into wall with teak wood plugs, CPVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications and as directed by the departmental officers. (The CPVC pipes shall be got approved by Executive Engineer before use on works) - External water supply above ground level / Below ground level.					
I			Above Ground Level			
A			For laying CPVC pipes of dia 15mm, 20mm and 25mm	Standard Dimension ratio 13.50		
			Sub-Data			
			Labour for 10 RM			
	0.35	No.	Stone Cutter I Class		Each	
	0.55	No.	Plumber I Class		Each	
	0.10	No.	Plumber II Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	CPVC adhesive		100 gram.	
	1.11	Set	CPVC clamps, TW plugs and screws		Set	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	15mm	20mm	25mm
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying CPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Stone Cutter I Class		Each	
	0.80	No.	Plumber I Class		Each	
	0.15	No.	Plumber II Class		Each	
	0.65	No.	Mazdoor Category I		Each	
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	CPVC adhesive		100 gram.	
	1.00	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	32mm	40mm	
			Cost of CPVC pipe per RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying CPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	0.70	No.	Stone Cutter I Class		Each	
	1.05	Nos.	Plumber I Class		Each	
	0.20	No.	Plumber II Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	CPVC adhesive		100 gram.	
	1.50	Set	CPVC clamps, TW plugs and screws		Set	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia		50mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Rate for 1 RM			
II			Below Ground Level			
A			For laying CPVC pipes of dia 15mm, 20mm and 25mm			
			Sub-Data			
			Labour for 10 RM			
	0.55	No.	Plumber I Class		Each	
	0.45	No.	Mazdoor Category I		Each	
	0.35	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	8.33	gram	CPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	15mm	20mm	25mm
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
B			For laying CPVC pipes of dia 32mm & 40mm			
			Sub-Data			
			Labour for 10 RM			
	0.80	No.	Plumber I Class		Each	
	0.65	No.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.55	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	10.00	gram	CPVC adhesive		100 gram.	
			Total for 1 RM			
			Main Data			
			For laying CPVC pipe line of dia	32mm	40mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
C			For laying CPVC pipes of dia 50mm			
			Sub-Data			
			Labour for 10 RM			
	1.05	Nos.	Plumber I Class		Each	
	0.85	No.	Mazdoor Category I		Each	
	0.70	No.	Mazdoor Category II		Each	
			Total for 10 RM			
			Total for 1 RM			
			Sundries for 1 RM			
	15.00	gram	CPVC adhesive		100 gram.	
			Total for 1 RM			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Main Data			
			For laying CPVC pipe line of dia		50mm	
			Cost of CPVC pipe per RM			
			Labour Charges			
			Sundries			
			Sub Total for 1 RM (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 RM			
693	Supplying CPVC Specials of SDR 11 Conforming to IS 17546-2021 in water supply arrangements (both in internal and external water supply arrangements)					
		Note:	Since the labour for cutting, pasting, sundries have already been included under pipe line item of works, no separate provision for fixing PVC specials needs to be allowed			
I			Elbow			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
II			Tee			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
III			Bend			
a	1.00	No.	25mm dia		Each	
b	1.00	No.	20mm dia		Each	
c	1.00	No.	15mm dia		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
IV			COUPLING			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
V			UNION			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	
VI			NIPPLE			
a	1.00	No.	50 mm Dia		Each	
b	1.00	No.	40 mm Dia		Each	
c	1.00	No.	32 mm Dia		Each	
d	1.00	No.	25 mm Dia		Each	
e	1.00	No.	20 mm Dia		Each	
f	1.00	No.	15 mm Dia		Each	

MISCELLANEOUS

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
MISCELLANEOUS-SUB DATA						
MORTAR						
694	LIME MORTAR 1:1.5					
	0.67	Cu.m	Lime		Cu.m	
	1.00	Cu.m	Fine Sand		Cu.m	
	1.00	Cu.m	Grinding Mortar (Special Grinding)		Cu.m	
			Rate for 1 Cu.m			
695	Surki MORTAR 1:0.5.1					
	0.67	Cu.m	Lime		Cu.m	
	0.33	Cu.m	Surki		Cu.m	
	0.67	Cu.m	Fine Sand		Cu.m	
	1.00	Cu.m	Grinding Mortar (Special Grinding)		Cu.m	
			Rate for 1 Cu.m			
696	Surki MORTAR for Concrete and Masonry Mortar (1:0.5:1.5)					
	0.50	Cu.m	Lime		Cu.m	
	0.25	Cu.m	Surki		Cu.m	
	0.75	Cu.m	Sand		Cu.m	
	1.00	Cu.m	Grinding Mortar		Cu.m	
			Rate for 1 Cu.m			
697	Concrete Broken stone (40mm size) in Lime Mortar					
	9.50	Cu.m	Broken stone (40mm size)		Cu.m	
	3.80	Cu.m	Lime Mortar		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
698	Concrete Broken stone (40mm size) in Surki Mortar (1:0.5:1.5)					
	9.50	Cu.m	Broken stone (40mm size)		Cu.m	
	3.80	Cu.m	Surki Mortar		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
699	Concrete Broken stone (40mm size) in Cement Mortar 1:2					
	9.00	Cu.m	Broken stone (40mm size)		Cu.m	
	4.50	Cu.m	Cement Mortar 1:2		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
700	Concrete Broken stone (40mm size) in Cement Mortar 1:3					
	9.00	Cu.m	Broken stone (40mm size)		Cu.m	
	4.50	Cu.m	Cement Mortar 1:2		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
701	Concrete Broken Brick (40mm size) in Lime Mortar					
	9.50	Cu.m	Broken Brick (40mm size)		Cu.m	
	3.80	Cu.m	Cement Mortar 1:2		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
702	Concrete Broken Vitrified Brick (40mm size) Surki Mortar (Mortar 1:0.5:1.5)					
	9.50	Cu.m	Broken Vitrified Brick (40mm size)		Cu.m	
	3.80	Cu.m	Surki Mortar		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
703	Concrete Broken Vitrified Brick (40mm size) Cement Mortar (Mortar 1:3)					
	9.50	Cu.m	Broken Vitrified Brick (40mm size)		Cu.m	
	3.80	Cu.m	Cement Mortar (Mortar 1:3)		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
704	Concrete Broken stone (20mm size) in Cement Mortar for plain concrete work (1:2:4)					
	9.00	Cu.m	Broken stone (20mm size)		Cu.m	
	4.50	Cu.m	Cement Mortar (Mortar 1:2)		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
705	Concrete Broken stone (20mm size) in Cement Mortar for plain concrete work (1:3:6)					
	9.00	Cu.m	Broken stone (20mm size)		Cu.m	
	4.50	Cu.m	Cement Mortar (Mortar 1:3)		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
706	Concrete Broken stone (12.5mm size) in Cement Mortar for plain concrete work (1:2:4)					
	9.00	Cu.m	Broken stone (12.5mm size)		Cu.m	
	4.50	Cu.m	Cement Mortar (Mortar 1:2)		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
707	Concrete Broken stone (20mm size) in Cement Mortar for reinforced concrete work (1:2:4)					
	9.00	Cu.m	Broken stone (20mm size)		Cu.m	
	4.50	Cu.m	Sand		Cu.m	
	3231.00	Kg	Cement		1 MT	
	3.50	Nos.	Mason II Class		Each	
	21.20	Nos.	Mazdoor Category I		Each	
	35.30	Nos.	Mazdoor Category II		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
MISCELLANEOUS- MAIN DATA						
708			Supplying and erecting Shoring Shuttering with necessary supports to Retain Earth using mild steel sheets of size 1200cm x 60cm and 10 BG stiffened with welded mild steel angles of size 40mm x 40mm x 5 mm for boarding, laid with MS Channel Section (ISMC 100) as Horizontal stiffener provided at top, bottom and every sheet joints. MS Channel Section (ISMC 100) shall be provided as a vertical support @1.20m C/C with lateral support of Steel Adjustable Telescopic Props of Size 2m x 2m (expandable upto 3.60m) etc. complete complying with standard specification and as directed by the departmental officers. A). Upto 3.60m Height of Shuttering			
			Total area of Shoring (30.0x 3.60m)	108.00	Sq.m	
	I		Area of one Sheet (1.20 x 0.60m) =	0.72	Sq.m	
			Total number of sheets required for 108 Sq.m	150.00	Each	
			Add 5% for Overlap and wastage	7.50	Each	
			Total	157.50	Each	
			Say	158.00	Each	
	II		Total Number of adjustable Telescopic props of size 2.00 x 2.00m expandable upto 3.60m	78.00	Each	
			Add 5% extra for Corner/ Change of Direction etc..	3.90		
			Total	81.90	Each	
			Say	82.00	Each	
	III		Horizontal and Vertical stiffener for MS sheet - Channel section (ISMC 100) of size 100 x 50 @ 9.20kg/m	213.60	RM	
			Add 5% extra for bracing @Corners/ Change of Direction etc..	10.68	RM	
			Total	224.28	RM	
			224.28 x 9.20 = 2063.38 kg	2063.38	Kg	
	A		Sub Data: 1 - Cost of MS Sheet one set			
			Cost of MS sheets and angles for each set:			
			Weight of MS sheets 10 gauge of size 1200cm x 60cm x 3.175mm			
			3.175 x 7850 / 1000 x 0.72 =	17.95	Kg	
			Weight of MS angles of size 40mm x 40mm x 5mm:			
			3.96 x 3 kg / m =	11.88	Kg	
	17.95	Kg	Cost of MS sheets		Kg	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	11.88	Kg	Cost of MS angles		Kg	
			Total			
	LS		Add for cutting, bending, welding charges & pipe clipping arrangements etc @ 1% etc.		LS	
			Total cost for one set sheet of size 1.2x0.6m sheet for 40 uses			
	B		Sub Data: 2 (Cost of MS Sheet, Telescopic Prop & Channel Section)			
	158.00	Set	Cost of MS sheets		Set	
	82.00	Nos	Cost of Telescopic Steel Props of size 2.00 x 2.00m expandable upto 3.60m		Each	
	2063.38	Kg	Cost of Channel section (ISMC 100)		Kg	
			Rate for 40 Uses			
			Rate for 1 Use			
			Main Data for 108.00 Sq.m			
	1.00	use	Cost of MS Sheets, Telescopic Prop, GI Pipe Channel section (ISMC 100) per Use		use	
	1.50	Nos	Carpenter II Class		Each	
	12.00	Nos	Fitter II Class (Bar bending)		Each	
	17.00	Nos	Mazdoor Category I		Each	
		LS	Add for Wedges, Coils, nails @ 1% of materials		LS	
		LS	For Periodical Cleaning, Oiling and Maintenance of MS Sheets, Props and Joists @ 5% of Material		LS	
			Rate for 108.00 Sq.m			
			Rate for 1 sq.m.			
			B). Above 3.60m to 5.0m Height of Shuttering for 1 Sq.m			
	1.00	Sq.m	Rate for Shoring Shuttering Upto 3.60m Height of Shuttering		Sq.m	
		LS	Add 10% extra at the Rate for Shoring Shuttering Upto 3.60m Height of Shuttering owing to additional stiffeners, Bracings, Lateral supports, higher length of Telescopic props, and Labour involved etc..		LS	
			Rate for 1 sq.m.			
	Note 25: For above 5.0m height of shoring Shuttering, separate data may be evolved involving heavy machineries, Equipments and Shuttering methods etc..					

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
DATA FOR PT BEAMS/DEEP BEAMS DEPTH BEYOND 600 to 1200mm						
709	Supplying and erecting centering for PT Beams/Deep Beams depth beyond 600 to 1200 mm using heavy duty Scaffolding system with primary and secondary beams for the floor height upto 5.50 m (Payment for centering shall be made after laying of concrete) etc Complete.					
			For a height Upto 5.50m			
			Sub Data: 1			
	89.60	sq.m.	"Cost of 19mm Plywood (For 4 uses)"		sq.m.	
	89.60	sq.m.	For Single Use		sq.m.	
			Note : Surface Area of Beam = 28 x 3.2 = 89.60 Sqm			
			Sub Data: 2			
	66.00	Nos.	Rapidshor Brace U-Head 220mm wd		Each	
	66.00	Nos.	Rapidshor Base 165mm		Each	
	152.00	Nos.	Bolt - M12 Uni-fix		Each	
	152.00	Nos.	Nut - M12 Hex Gr8.8		Each	
	56.00	Nos.	Alshor Superslim Clamp		Each	
	132.00	Nos.	Rapidshor Jack 25 - 540mm		Each	
	64.00	Nos.	Rapidshor Standard OE 1500mm		Each	
	112.00	Nos.	Rapidshor Standard OE 2500mm		Each	
	132.00	Nos.	Rapidshor Joint Sleeve 300mm		Each	
	264.00	Nos.	Rapidshor Sleeve Clip		Each	
	40.00	Nos.	Rapidshor Ledger 900mm		Each	
	140.00	Nos.	Rapidshor Ledger 1200mm		Each	
	42.00	Nos.	Rapidshor Ledger 1500mm		Each	
	72.00	Nos.	Rapidshor Ledger 1800mm		Each	
	32.00	Nos.	R-shor Brace 1000 x 1500mm Blue		Each	
	120.00	Nos.	R-shor Brace 1500 x 1200mm Pink		Each	
	16.00	Nos.	R-shor Brace 1500 x 1500mm Orange		Each	
	56.00	Nos.	R-shor Brace 1500 x 1800mm Green		Each	
			Primary Beam			
	8.00	Nos.	Alform Beam 2100mm		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	15.00	Nos.	Alform Beam 2700mm		Each	
	6.00	Nos.	Alform Beam 3000mm		Each	
	16.00	Nos.	GTX Beam (150x65) - 1800mm		Each	
	8.00	Nos.	GTX Beam (150x65) - 4200mm		Each	
			Secondary Beam			
	110.00	Nos.	Alsec Beam 2400mm		Each	
	321.00	Nos.	Superslim Universal Clamp		Each	
	210.00	Nos.	GTX to GTX Cleat (Galv)		Each	
	12.00	Nos.	Beam H/Rail Post 150		Each	
			Total for 60 uses			
			For Single Use			
			Note : Plan Area of Beam = 28 x 1.4 = 39.20 Sqm			
			Scaffolding rate for 10 sq.m.			
			Main Data for centering for 10 sq.m.			
	22.86	sq.m.	Cost of 19mm plywood		sq.m.	
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails, Tie rods, Nut, working platform etc(0.5% of Cost of Ply Wood & Scaffolding Components)		LS	
	3.40	Nos.	Carpenter I Class		Each	
	4.40	Nos.	Mazdoor I Class		Each	
	1.00	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of plywood (2% of cost of Ply wood)		LS	
		LS	For periodical cleaning and painting of Scaffolding components (5 % of cost of Scaffolding components)		LS	
		LS	Transportation charges including loading & unloading (6 % of of Cost of Ply Wood & Scaffolding Components)		LS	
			Total for 10 sq.m.			
			(or) say, Rate for 1 sq.m. (a)		(A)	
			cost of Scaffolding for 11m height for 10 sqm	Excluding the cost of plywood)	(B)	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			cost of Scaffolding for per m height for 10 sqm	(B/11)	(C)	
			cost of Scaffolding for per m height for 1 sqm	(C/10)	(D)	
			Rate per sqm for beam plan area for height upto 5.50m	A-(D X 5.5)	(E)	
710	Providing additional strutting to the PT Beams/Deep Beams Depth beyond 600 to 1200 mm using heavy duty Scaffolding system with primary and secondary beams for every additional 1.0 metre height or part thereof but not less than 30cm over the initial 5.50m height from floor level and the same shall be applicable for back propping as well., complete complying with standard specification and as directed by the department officers					
			Main Data for centering for 10 sq.m.			
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails Nuts, working platform etc(0.5% of Scaffolding Components)		LS	
	3.40	Nos.	Carpenter I Class		Each	
	4.40	Nos.	Mazdoor I Class		Each	
	1.00	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of Scaffolding components (5 % of cost of Scaffolding components)		LS	
		LS	Transportation charges including loading & unloading (6 % cost of Scaffolding Components)		LS	
			cost of Scaffolding for 11m height for 10 sqm		(x)	
			cost of Scaffolding for per m height for 10 sqm	(x)/11	(y)	
			Rate per sqm for beam plan area for every additional 1 m height above 5.50m and thereof		Rs	
DATA FOR PT BEAMS/DEEP BEAMS DEPTH BEYOND 1200 to 1800mm						
711	Supplying and erecting centering for PT Beams/Deep Beams depth beyond 1200 to 1800 mm using heavy duty Scaffolding system with primary and secondary beams for the floor height upto 5.50 m (Payment for centering shall be made after laying of concrete) etc Complete.					
			For a height upto 5.50m			
			Sub Data: 1			
	225.00	sq.m.	"Cost of 19mm Plywood (For 4 uses)"		sq.m.	
	225.00	sq.m.	For Single Use		sq.m.	
			Note : Surface Area of Beam = 45 x 5.0 = 225.00 Sqm			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub Data: 2			
	184.00	Nos.	Brace U-Head 220mm wd		Each	
	184.00	Nos.	Base 165mm		Each	
	496.00	Nos.	Bolt - M12 Uni-fix		Each	
	496.00	Nos.	Nut - M12 Hex Gr8.8		Each	
	120.00	Nos.	Alshor Superslim Clamp		Each	
	368.00	Nos.	Jack 25 - 540mm		Each	
	198.00	Nos.	Standard OE 2000mm		Each	
	186.00	Nos.	Standard OE 2500mm		Each	
	4.00	Nos.	Standard OE 3000mm		Each	
	196.00	Nos.	Joint Sleeve 300mm		Each	
	392.00	Nos.	Sleeve Clip		Each	
	10.00	Nos.	Ledger 600mm		Each	
	365.00	Nos.	Ledger 900mm		Each	
	608.00	Nos.	Ledger 1200mm		Each	
	42.00	Nos.	Brace 1000 x 900mm Self Colour		Each	
	80.00	Nos.	Brace 1000 x 1200mm Purple		Each	
	98.00	Nos.	Brace 1000 x 1500mm Blue		Each	
	194.00	Nos.	Brace 1500 x 1200mm Pink		Each	
			Primary Beam			
	4.00	Nos.	Alform Beam 1000mm		Each	
	6.00	Nos.	Alform Beam 1200mm		Each	
	6.00	Nos.	Alform Beam 1500mm		Each	
	14.00	Nos.	Alform Beam 1800mm		Each	
	8.00	Nos.	Alform Beam 2100mm		Each	
	48.00	Nos.	Alform Beam 2700mm		Each	
	4.00	Nos.	Alform Beam 4800mm		Each	
	4.00	Nos.	GTX Beam (150x65) - 3600mm		Each	
	26.00	Nos.	GTX Beam (150x65) - 4200mm		Each	
			Secondary Beam			
	2.00	Nos.	GTX Beam (150x65) - 1200mm		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	42.00	Nos.	GTX Beam (150x65) - 1800mm		Each	
	166.00	Nos.	GTX Beam (150x65) - 3600mm		Each	
	22.00	Nos.	Alsec Beam 1800mm		Each	
	14.00	Nos.	Alsec Beam 2700mm		Each	
	160.00	Nos.	Superslim Universal Clamp		Each	
	1155.00	Nos.	GTX to GTX Cleat (Galv)		Each	
	70.00	Nos.	Beam H/Rail Post 150		Each	
			Total for 60 uses			
			For Single Use			
			Note : Plan Area of Beam = 45 x 2.0 = 90.00 Sqm			
			Scaffolding rate for 10 sq.m.			
			Main Data for centering for 10 sq.m.			
	25.00	sq.m.	Cost of 19mm plywood		sq.m.	
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails, Tie rods, Nut, working platform etc(0.5% Cost of Ply Wood & Scaffolding Components)		LS	
	3.80	Nos.	Carpenter I Class		Each	
	5.40	Nos.	Mazdoor I Class		Each	
	1.00	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of plywood (2% of cost of Ply wood)		LS	
		LS	For periodical cleaning and painting of Shoring components (5 % cost of shoring components)		LS	
		LS	Transportation charges including loading & unloading (6 % of of Cost of Ply Wood & Scaffolding Components)		LS	
			Total for 10 sq.m.			
			(or) say, Rate for 1 sq.m.		(A)	
			cost of Scaffolding for 11m height for 10 sqm	Excluding the cost of plywood)	(B)	
			cost of Scaffolding for per m height for 10 sqm	(B/11)	(C)	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			cost of Scaffolding for per m height for 1 sqm	(C/10)	(D)	
			Rate per sqm for beam plan area for height upto 5.50m	A-(D X 5.5)	(E)	
712	Providing additional strutting to the PT Beams/Deep Beams Depth beyond 1200 to 1800 mm using heavy duty Scaffolding system with primary and secondary beams for every additional 1.0 metre height or part thereof but not less than 30cm over the initial 5.50m height from floor level and the same shall be applicable for back propping as well., complete complying with standard specification and as directed by the department officers.					
			Main Data for centering for 10 sq.m.			
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails Nuts, working platform etc(0.5% Cost of Scaffolding Components)		LS	
	3.80	Nos.	Carpenter I Class		Each	
	5.40	Nos.	Mazdoor I Class		Each	
	1.00	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of Shoring components (5 % cost of shoring components)		LS	
		LS	Transportation charges including loading & unloading (6 % Cost of Scaffolding Components)		LS	
			Total for 10 sq.m.			
			(or) say, Rate for 1 sq.m. (a)			
			cost of Scaffolding for 11m height for 10 sqm		(x)	
			cost of Scaffolding for per m height for 10 sqm	(x)/11	(y)	
			Rate per sqm for beam plan area for every additional 1 m height above 5.50m and thereof		Rs	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
DATA FOR PT BEAMS/DEEP BEAMS DEPTH BEYOND 1800 to 2500mm						
713	Supplying and erecting centering for PT Beams/Deep Beams Depth beyond 1800 to 2500 mm using heavy duty Scaffolding system with primary and secondary beams for the floor height upto 5.50 m (Payment for centering shall be made after laying of concrete) etc Complete.					
			For a height upto 5.50m			
			Sub Data: 1			
	262.20	sq.m.	"Cost of 19mm Plywood (For 4 uses)"		sq.m.	
	262.20	sq.m.	For Single Use		sq.m.	
			Note : Surface Area of Beam = 38 x 6.9 = 262.20 Sqm			
			Sub Data: 2			
	46.00	Nos.	Brace U-Head 182mm wide		Each	
	174.00	Nos.	Brace U-Head 220mm wd		Each	
	174.00	Nos.	Base 165mm		Each	
	692.00	Nos.	Bolt - M12 Uni-fix		Each	
	692.00	Nos.	Nut - M12 Hex Gr8.8		Each	
	48.00	Nos.	Alshor Superslim Clamp		Each	
	394.00	Nos.	Jack 25 - 540mm		Each	
	140.00	Nos.	Standard OE 1500mm		Each	
	202.00	Nos.	Standard OE 2000mm		Each	
	170.00	Nos.	Joint Sleeve 300mm		Each	
	340.00	Nos.	Sleeve Clip		Each	
	54.00	Nos.	Ledger 600mm		Each	
	216.00	Nos.	Ledger 900mm		Each	
	458.00	Nos.	Ledger 1200mm		Each	
	56.00	Nos.	Fixed Cant. Bracket 1500x900mm		Each	
	16.00	Nos.	Brace 1000 x 900mm Self Colour		Each	
	40.00	Nos.	Brace 1000 x 1200mm Purple		Each	
	68.00	Nos.	Brace 1000 x 1500mm Blue		Each	
	154.00	Nos.	Brace 1500 x 1200mm Pink		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Primary Beam			
	12.00	Nos.	Alform Beam 1200mm		Each	
	8.00	Nos.	Alform Beam 1800mm		Each	
	52.00	Nos.	Alform Beam 3000mm		Each	
	24.00	Nos.	Alform Beam 4500mm		Each	
	24.00	Nos.	Alform Beam 4800mm		Each	
	16.00	Nos.	GTX Beam (150x65) - 3300mm		Each	
			Secondary Beam			
	8.00	Nos.	GTX Beam (150x65) - 2100mm		Each	
	80.00	Nos.	GTX Beam (150x65) - 3600mm		Each	
	98.00	Nos.	GTX Beam (150x65) - 4800mm		Each	
	10.00	Nos.	Alsec Beam 1500mm		Each	
	56.00	Nos.	Alsec Beam 1800mm		Each	
	12.00	Nos.	Alsec Beam 2700mm		Each	
	265.00	Nos.	Superslim Universal Clamp		Each	
	1205.00	Nos.	GTX to GTX Cleat (Galv)		Each	
	96.00	Nos.	Beam H/Rail Post 150		Each	
			Total for 60 uses			
			For Single Use			
			Note : Plan Area of Beam = 38 x 2.6 = 98.8 Sqm			
			Scaffolding rate for 10 sq.m.			
	Main Data for centering for 10 sq.m.					
	26.54	sq.m.	Cost of 19mm plywood		sq.m.	
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails, Tie rods, Nut, working platform etc(0.5% Cost of Ply Wood & Scaffolding Components)		LS	
	4.80	Nos.	Carpenter I Class		Each	
	6.40	Nos.	Mazdoor I Class		Each	
	1.50	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of plywood (2% cost of Ply wood)		LS	
		LS	For periodical cleaning and painting of Scaffolding components (5 % cost of Scaffolding components)		LS	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Transportation charges including loading & unloading (6 % Cost of Ply Wood & Scaffolding Components)		LS	
			Total for 10 sq.m.			
			(or) say, Rate for 1 sq.m		(A)	
			cost of Scaffolding for 11m height for 10 sqm	(Excluding the cost of plywood)	(B)	
			cost of Scaffolding for per m height for 10 sqm	(B/11)	(C)	
			cost of Scaffolding for per m height for 1 sqm	(C/10)	(D)	
			Rate per sqm for beam plan area for height upto 5.50m	A-(D X 5.5)	(E)	
714			Providing additional strutting to the PT Beams/Deep Beams Depth beyond 1800 to 2500 mm using heavy duty Scaffolding system with primary and secondary beams for every additional 1.0 metre height or part thereof but not less than 30cm over the initial 5.50m height from floor level and the same shall be applicable for back propping as well., complete complying with standard specification and as directed by the department officers.			
			Main Data for centering for 10 sq.m.			
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails Nuts, working platform etc(0.5% Cost of Scaffolding Components)		LS	
	4.80	Nos.	Carpenter I Class		Each	
	6.40	Nos.	Mazdoor I Class		Each	
	1.50	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of Scaffolding components (5 % of cost of Scaffolding components)		LS	
		LS	Transportation charges including loading & unloading (6 % of Scaffolding Components)		LS	
			Total for 10 sq.m.		Rs	
			(or) say, Rate for 1 sq.m. (a)		Rs	
			cost of Scaffolding for 11m height for 10 sqm		(x)	
			cost of Scaffolding for per m height for 10 sqm	(x)/11	(y)	
			Rate per sqm for beam plan area for every additional 1 m height above 5.50m and thereof		Rs	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
DATA FOR PT SLABS/DEEP SLABS DEPTH UPTO 450mm						
715	Supplying and erecting centering for PT Slabs/Deep Slabs Depth upto 450 mm using heavy duty Scaffolding system with primary and Secondary beam for the floor height upto 5.50 m (Payment for centering shall be made after laying of concrete) etc Complete.					
			For a height Upto 5.50m			
			Sub Data: 1			
	745.00	sq.m.	"Cost of 12mm Plywood (For 3 Use)"		sq.m.	
	745.00	sq.m.	For Single Use		sq.m.	
			Note : Surface Area of Slab = 745 Sqm			
			Sub Data: 2			
	2.00	Nos.	Alform Beam 1000mm		Each	
	34.00	Nos.	Alform Beam 1200mm		Each	
	218.00	Nos.	Alform Beam 1500mm		Each	
	298.00	Nos.	Alform Beam 1800mm		Each	
	6.00	Nos.	Alform Beam 2100mm		Each	
	244.00	Nos.	Alform Beam 2400mm		Each	
	202.00	Nos.	Alform Beam 2700mm		Each	
	18.00	Nos.	Alform Beam 3000mm		Each	
	10.00	Nos.	Alform Beam 3300mm		Each	
	16.00	Nos.	Alform Beam 3600mm		Each	
	8.00	Nos.	Alform Beam 4200mm		Each	
	8.00	Nos.	Alform Beam 4500mm		Each	
	58.00	Nos.	Alform Beam 4800mm		Each	
	76.00	Nos.	Alform Beam 5400mm		Each	
	4.00	Nos.	Alform Beam 6000mm		Each	
	1988.00	Nos.	Superslim Clamp		Each	
	1988.00	Nos.	Bolt - M12 Uni-fix		Each	
	2984.00	Nos.	Bolt - M16 x 75 Gr8.8		Each	
	1988.00	Nos.	Nut - M12 Hex Gr8.8		Each	
	2984.00	Nos.	Nut - M16 Hex Gr8.8		Each	
	506.00	Nos.	Adjustable Base Jack		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	644.00	Nos.	Kwikstage Adj U-Head 186mm		Each	
	1492.00	Nos.	Kwikstage Spigot Adaptor		Each	
	148.00	Nos.	Kwikstage Int. Bm Brkt 1500mm		Each	
	36.00	Nos.	Brace - Coupler 1470mm		Each	
	52.00	Nos.	Kwikstage Standard OE 1000mm		Each	
	264.00	Nos.	Kwikstage Standard OE 1500mm		Each	
	270.00	Nos.	Kwikstage Standard OE 2000mm		Each	
	1478.00	Nos.	Kwikstage Standard OE 2500mm		Each	
	10.00	Nos.	Kwikstage Standard OE 3000mm		Each	
	454.00	Nos.	Propping Tie 600mm		Each	
	1408.00	Nos.	Propping Tie 900mm		Each	
	252.00	Nos.	Propping Tie 1200mm		Each	
	2176.00	Nos.	Propping Tie 1800mm		Each	
	167.00	Nos.	Brace - Coupler 1790mm		Each	
	644.00	Nos.	K/Stage Brace - Coupler 2170mm		Each	
	586.00	Nos.	Brace - Coupler 2560mm		Each	
			Total for 60 uses			
			For Single Use			
			Note : Plan Area of Slab = 745 Sqm			
			Scaffolding rate for 10 sq.m.			
	Main Data for centering for 10 sq.m.					
	10.00	sq.m.	Cost of 12mm plywood		sq.m.	
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails, Tie rods, Nut, working platform etc(1.5% of Cost of Ply Wood & Scaffolding Components)		LS	
	4.80	Nos.	Carpenter I Class		Each	
	6.40	Nos.	Mazdoor I Class		Each	
	1.50	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of plywood (2% of cost of Ply wood)		LS	
		LS	For periodical cleaning and painting of Scaffolding components (5 % of cost of Scaffolding components)		LS	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
		LS	Transportation charges including loading & unloading (6 % of of Cost of Ply Wood & Scaffolding Components)		LS	
			Total for 10 sq.m.			
			(or) say, Rate for 1 sq.m		(A)	
			cost of Scaffolding for 10.38m height for 10 sqm	(Excluding the cost of plywood)	(B)	
			cost of Scaffolding for per m height for 10 sqm	(B/10.38)	(C)	
			cost of Scaffolding for per m height for 1 sqm	(C/10)	(D)	
			Rate per sqm for Slab plan area for height upto 5.50m	A-(Dx4.88)	(E)	
716			Providing additional strutting to the PT Slabs/Deep Slabs Depth upto 450 mm using heavy duty Scaffolding system with primary and Secondary beam for every additional 1.0 metre height or part thereof but not less than 30cm over the intial 5.50m height from floor level and the same shall be applicable for back propping as well., complete complying with standard specification and as directed by the department officers.			
			Main Data for centering for 10 sq.m.			
	10.00	sq.m.	Cost of Scaffolding arrangements		sq.m.	
		LS	Add for runners, nails, Tie rods, Nut, working platform etc (1.5% Cost of Ply Wood & Scaffolding Components)		LS	
	4.80	Nos.	Carpenter I Class		Each	
	6.40	Nos.	Mazdoor I Class		Each	
	1.50	No	Fitter II Class		Each	
		LS	For periodical cleaning and painting of Scaffolding components (5 % cost of Scaffolding components)		LS	
		LS	Transportation charges including loading & unloading (6 % Cost of Scaffolding Components)		LS	
			Total for 10 sq.m.		Rs	
			(or) say, Rate for 1 sq.m. (a)		Rs	
			cost of Scaffolding for 10.38m height for 10 sqm		(X)	
			cost of Scaffolding for per m height for 10 sqm	(x)/10.38	(Y)	
			Rate per sqm for Slab plan area for every additional 1 m height above 5.50m and thereof		Rs	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
717			Providing additional strutting to for plane surfaces such as RCC Floor Slab, Roof Slab, Loft, Landing Slabs etc. for every additional 1.0 metre height or part thereof but not less than 30 cm, over the initial 5.50 metre height from floor level using Steel Adjustable Telescopic Props of Size 3.0 x 3.0m made with outer steel pipe with dia 50mm (3.60mm thick) and inner steel pipe with dia 40mm (2.90mm thick) Spaced at not more than 50 to 60cm c/c and with Cross bracings provided at two levels at a spacing of 1.80m etc complete complying with standard specifications. Steel adjustable span and Steel Adjustable telescopic props shall be provided as directed by the departmental Officers.			
			Total area of Slab =	128.66	m ²	
			Total Number of adjustable Telescopic Prop (Vertical) required for Slab (3.00 x 3.00m)	94.00	Nos	
			Props required as Cross Bracings	144.00	nos	
			Total	238.00	Nos	
			Sub Data: (Telescopic Prop for 128.66 m²)			
	238.00	Nos	Cost of Telescopic Steel Props of size 3.00 m x 3.00 m (For 5.50m height)		Nos	
			Total for 40 Uses			
			Total for 1 Use			
			Say		Rs.	
			Main Data for 128.66 m² for every 1m height above 5.50m			
	1.00	Use	Cost of Telescopic Prop (A)		Use	
	1.00	Use	Cost of Telescopic Prop (for 1m height)	(A)/5.5		
	1	Nos	Carpenter I Class		Nos	
	3	Nos	Carpenter II Class		Nos	
	5.5	Nos	Mazdoor Category I		Nos	
	1	Nos	Fitter II Class (Bar bending)		Nos	
			Add for Wedges, Coils, nails @ 0.5% of materials			
			For Periodical Cleaning, Oiling and Maintenance of Props @ 5% of Material			
			Total cost for 128.66 m ²			
			Rate for 1 sq.m.			
			Say, Rate for 1 sq.m. (X)		Rs.	
a			Centering for curved RCC slab surfaces for every 1m height above 5.50m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	sq.m.	As per centering for plane surfaces such as RCC Floor Slab, Roof Slab, Loft, Landing Slabs, etc with necessary supports and strutting above 5.50m height (X)		sq.m.	
			Add 50% extra			
			Total for 1 sq.m.			
718	Providing additional strutting to for plane surfaces such as RCC Floor/Roof Beam, Lintels, Cantilever Beams, Bed Blocks etc. for every additional 1.0 metre height or part thereof but not less than 30 cm, over the initial 5.50 metre height from floor level using Steel Adjustable Telescopic Props of Size 3.0 x 3.0m made with outer steel pipe with dia 50mm (3.60mm thick) and inner steel pipe with dia 40mm (2.90mm thick) Spaced at not more than 50 to 60cm c/c and with Cross bracings provided at two levels at a spacing of 1.80m etc complete complying with standard specifications. Steel adjustable span and Steel Adjustable telescopic props shall be provided as directed by the departmental Officers.					
			Total Number of adjustable Telescopic Prop(Vertical) required for Beams (3.0 x 3.0m)	186.00	Nos	
			Props required as Cross Bracings	136.00	nos	
			Total	322.00	Nos	
			Sub Data: (Cost of Telescopic Prop)			
	322.00	Nos	Cost of Telescopic Steel Props of size 3.0 x 3.0m		Nos	
			Total for 40 Uses			
			Total for 1 Use			
			Say		Rs.	
			Main Data for 83.13 m² for every 1m height above 5.50m			
	1.00	Use	Cost of Telescopic Steel Props of size 3.0 x 3.0m (A)		Use	
	1.00	Use	Cost of Telescopic Steel Props of size 3.0 x 3.0m (For 1 m Height)	(A)/5.5		
	0.6	Nos	Carpenter I Class		Nos	
	2.85	Nos	Carpenter II Class		Nos	
	5.25	Nos	Mazdoor Category I		Nos	
	0.9	Nos	Fitter II Class (Bar bending)		Nos	
			Add for Wedges, Coils, nails @ 0.5% of materials			
			For Periodical Cleaning, Oiling and Maintenance of Prop @ 5% of Material			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total cost for 83.13 m ²			
			Cost for 1 m ²			
			Say, Rate for 1 sq.m. (X)		Rs.	
a			Additional Centering for curved RCC Beam surfaces for every 1m height above 5.50m			
	1.00	sq.m.	As per centering for plane surfaces such as RCC Floor/Roof Beam, Lintels, Cantilever Beams, Bed Blocks etc.. with necessary supports and strutting above 5.50m height (X)		sq.m.	
			Add 50% extra			
			Total for 1 sq.m.			
VERTICAL & EXPANSION JOINT						
719	Providing through Vertical joint with 15mm space filled with bitumenous compound running from bottom of foundation upto the top of parapet wall Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	0.16	Cu.m	Cement Mortar (1:3) 15cm thick		Cu.m	
	1.50	Nos.	Mason I Class		Each.	
	0.50	Nos.	Mazdoor Category I		Each.	
	1.90	Nos.	Mazdoor Category II		Each.	
	10.00	Sq.m	Bituminous compound 15mm thick		Sq.m	
			Total for 10 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 sq.m.			
720	Providing through Vertical joint from bottom of foundation to top of parapet wall by building one abutting face vertical and plastering the same with Cement mortar (1:3) , 20mm thick first coat and Lime mortar (1:2) using shell Lime for second coat of plastering 6mm thick the abutting face being built carefully without damage to the plaster and neatly packed with mortar,the joint to be dead vertical Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	0.21	Cu.m	Cement Mortar (1:3)		Cu.m	
	0.08	Cu.m	Lime mortar (1:2)		Cu.m	
	2.700	Nos.	Mason I Class		Each.	
	0.50	Nos.	Mazdoor Category I		Each.	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	3.50	Nos.	Mazdoor Category II		Each.	
			Total for 10 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 sq.m.			
721	Providing Expansion joint in floor also in accordance with details shown in plate no of TNBP as directed by the departmental officers Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 30RM			
	30.00	Rm	Copper sheet 1.6mm thick (15 cm)		Rm	
	2.00	Nos.	Blacksmiths for cutting the sheets to the required length and making slots and grooves		Each.	
	2.00	Nos.	Mazdoor Category I		Each.	
	2.00	Nos.	Fitter II Class		Each.	
	2.00	Nos.	Mazdoor Category I		Each.	
	30.00	Rm	Bitumen pad		Rm	
			Rate for 30RM			
			Sub total for 1 Rm(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
722	Bamboo chicks with bluedungry cloth, pulleys rings ropes, hooks, staples, including painting two coats Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	15.00	Nos	Bamboos - standard specifications first class-for blinds (including two numbers 5cm diameter for top and bottom)		100 No	
	2.00	kg	Country twine		kg	
	16.00	Rm	Blue dungry cloth 70cm wide including overlaps		Rm	
	2.00	Balls	Cotton thread		Balls	
	20.00	Rm	Best Country made white tape 8cm wide (inclusive of the 4cm strips-vide standard specifications)		Rm	
	2.00	Kg	Cotton rope 12mm dia for raising and lowering		Kg	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	3.00	Nos	Pulleys (average say at 2 Nos for 10Sq.m for each chick)		Each	
	20.00	Sq.m	Painting with green paint,two coats both side of Bamboo blinds		Sq.m	
			labour for ratten work,tying,scwing erection in place ,etc complete		LS	
			Hooks staples rings weeder plugs etc..		LS	
			Sundries		LS	
			Total for 10 sq.m.			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 sq.m.			
723	Bamboo chicks with pulleys, rings, hooks, staples, etc, complete including painting two coats but without dungry cloth Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	15.00	Nos	Bamboos - standard specifications first class-for blinds (including two numbers 5cm diameter for top and bottom)		100 No	
	2.00	kg	Country twine		kg	
	2.00	Balls	Cotton thread		Balls	
	20.00	Rm	Best Country made white tape 8cm wide (inclusive of the 4cm strips-vide standard specifications)		Rm	
	2.00	Kg	Cotton rope 12mm dia for raising and lowering		Kg	
	3.00	Nos	Pulleys (average say at 2 Nos for 10Sq.m for each chick)		Each	
	20.00	Sq.m	Painting with green paint,two coats both side of Bamboo blinds		Sq.m	
			labour for ratten work,tying,sewing erection in place ,etc complete		LS	
			Hooks staples rings weeder plugs etc..		LS	
			Sundries		LS	
			Total for 10 sq.m.			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 sq.m.			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
724	Teakwood Punka with best mat frill,punka wheel and other accessories, complete fixed in place Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 3 Rm.			
	1.00	Sq.m	Teak Wood plank (22.5cmx2.5cm) 3m long		Sq.m	
	0.02	Cu.m	Battens (4cmx12mm) 7m long		Cu.m	
	4.00	Nos	Brass T Hooks		Each	
	20.00	Nos	Brass hooks with rings		Each	
	3.00	Rm	Best punka mat frill double fold,bound with cloth of approved make		Rm	
	1.80	Kg	Cotton rope suspending and pulling		Kg	
			Sundries including varnishing board, punka wheel, bottle neck linings for punka rope hole , brass hook for tying punka rope, twine rape for suspension rope labour etc..complete..		LS	
			Total for 3 Rm			
			Sub total for 1 Rm(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
725	Planting Nanal grass at an Interval of about 38cm in bed of river when materials are close at hand within 1.5km lead and handing over after satisfactory growth of 60m cm with root Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 1000 Sq.m			
	2.20	Nos	Mazdoors Category for cutting 55 bundles of Nanal		Each	
	2.20	Nos	Mazdoors Category II for carrying bundles to Nanal		Each	
	1.00	Nos	Mazdoors Category I for cutting the bundles of Nanals to size of		Each	
	1.10	Nos	Mazdoors Category I for digging pits		Each	
	1.10	Nos	Mazdoors Category II for carrying and handing over the nanal sticks to me mazdoors category for planning		Each	
	2.20	Nos	Mazdoors Category I for planting nanals and refilling the Pits for watering till nanal gets satisfactory growth		Each	
			Total for 1000 Sq.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
726	Planting Nanal in trenches 30cm, deep at an river of 38cm in bed of river when materials are close at hand within 1.5km lead and handing over after satisfactory growth of 60m cm with root Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 1000 Sq.m			
	2.20	Nos	Mazdoors Category for cutting 55 bundles of Nanal		Each	
	2.20	Nos	Mazdoors Category II for carrying bundles to Nanal		Each	
	1.00	Nos	Mazdoors Category I for cutting the bundles of Nanals to size of		Each	
	1.10	Nos	Mazdoors Category I for digging pits		Each	
	1.10	Nos	Mazdoors Category II for carrying and handing over the nanal sticks to me mazdoors category for planning		Each	
	2.20	Nos	Mazdoors Category I for planting nanals and refilling the Pits for watering till nanal gets satisfactory growth		Each	
	3.00	Nos	Mazdoors Category I for digging trenches		Each	
			Total for 1000 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
727	Planting wild cane and willos including watering and watching for three months with an initial lead of 1.5km for materials Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 100 Sq.m			
	1.10	Nos	Mazdoors Category I for cutting		Each	
	1.10	Nos	Mazdoors Category III for carrying		Each	
	1.10	Nos	Mazdoors Category I for Planting		Each	
	1.10	Nos	Mazdoors Category I for digging pits		Each	
	11.80	Nos	Mazdoors Category II for watching and watering		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Total for 100 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
728	Planting Neernotchi Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	3.40	Nos	Mazdoors Category I for cutting neernotchi sticks and conveying to site		Each	
	0.30	Nos	Mazdoors Category I for Planting sticks		Each	
			Sundries		LS	
			Total for 100 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
729	Planting Korukkai Including watering and watching for three months Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	0.40	Nos	Mazdoors Category I for cutting Korukkai		Each	
	0.30	Nos	Mazdoors Category I for Planting sticks		Each	
			Watering,Watching for three months and sundries		LS	
			Total for 100 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
730	Nanal grass roller revetment 15cm dia including watering, watching and handing over after satisfactory growth 1m run Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 30RM run			
	1.50	Nos	Mazdoors Category I for cutting Nanal grass and rolling the same with earth including tying to 15cm diameter and 3m lengths		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.50	Nos	Mazdoors Category I for the thatching		Each	
	1.00	Nos	Mazdoors Category II for carrying the site		Each	
	4.00	Nos	Mazdoors Category II for watering etc		Each	
			Sundries for posts etc..		LS	
			Total for 30 Rm			
			Sub total for 1 Rm(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
731	Nanal foundation roller 90cm dia including pegs to fix in 1 m run Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 30RM run			
	3.50	Nos	Mazdoors Category I for cutting 33 bundles nanal 90cm girth		Each	
	33x2m	Rm	Bamboo spikes 6cm to 9cm diameter		Rm	
	33x1.2m	Rm	Driving spikes into bed or ground		Rm	
	2.00	Nos	Mazdoors Category I for rolling the bundles to 3m lengths with earth etc... etc		Each	
	1.00	Nos	Mazdoors Category II for conveying earth etc... etc		Each	
	2.00	Nos	Mazdoors Category I for conveying the rollers and laying them in position		Each	
			Total for 30 Rm			
			Sub total for 1 Rm(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
732	Bamboo thorn fence,10cm thick including kannadi thattis Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	144.00	Rm	Bamboo reepers		Rm	
	0.30	Nos	Carpenter II class for preparing kannadi thatties		Each	
	0.50	Kg	Nails for thattis		Kg	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	110.00	Nos	2m Bamboo thorns with branches		100 No	
	1.60	Nos	Mazdoors Category I for arranging the thorns to 10cm and tying them conveying earth etc... etc		Each	
			Cost of coir ropes etc for tying the thorns to thattis and fixing in position		LS	
			Total for 10 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
733	Bamboo thorn fence, 15 cm thick including kannadi thattis Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	144.00	Rm	Bamboo reepers		Rm	
	0.30	Nos	Carpenter II class for preparing kannadi thatties		Each	
	0.50	Kg	Nails for thattis		Kg	
	110.00	Nos	2m Bamboo thorns with branches		Each	
	1.60	Nos	Mazdoors Category I for arranging the thorns to 10cm and tying them conveying earth etc... etc		Each	
			Cost of coir ropes etc for tying the thorns to thattis and fixing in position		LS	
	110.00	Nos	Bamboo thorn 2m long with Branches reepers		Each	
	0.05	Nos	Mazdoor category I		Each	
			Extra for coir ropes and sundries			
			Total for 10 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
734	Kannadi thattis without Bamboo thorns with Bamboo reepers including fixing and tying Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	126.00	Rm	Bamboo thorn reepers 4cm width		Rm	
	0.30	Nos	Carpenter II class for preparing thatties		Each	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.50	Kg	Nails		Kg	
			Coir ropes etc for tying and labour for fixing etc..		LS	
			Total for 10 Sq.m			
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
735	Brush wood filling in with a lead of 1.5km Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	8.80	Nos	Mazdoor category -I		Each	
	21.20	Nos	Mazdoor category -III for conveyance of Brushwood to work site		Each	
	7.10	Nos	Mazdoor category I for filling in Brushwood		Each	
			Total for 100 Cu.m			
			Sub total for 1 Cu.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Cu.m			
736	Brushwood matting work with Casuarina stakes 6 to 9 Sq.m diameter ,2.5 to 3m long,driven 1.8 Sq.m, 1.2m into bed with Babul thodugus tied on all four sides at bed level with coir rope with initial lead of 0 to 1 sqkm for thodugus Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	31.00	Nos	Casuarina stakes 6 to 9 cm diameter 2.5 to 3m long		Each	
	31.00	Nos	Driving stakes 1.2m into bed including scaffolding		Each	
	1.10	Nos	Mazdoor category I for cutting 129 babul twigs,2.1m long		Each	
	6.50	Nos	Mazdoor category II for conveying the twigs to site with an average lead of 1 kilometer for 10 trips of 2 twigs each.		Each	
	3.00	Kg	Coir ropes for tying thodugus		Kg	
	2.20	Nos	Mazdoor category I for tying 129 thodugus in water at bed level		Each	
			Sundries		LS	
			Total for 100 Sq.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sub total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			
737	Brown low weeds work of 1.8mj pyramidal crats made of casuarina posts 5 to 7.5cm dia with float 1mx15cmx15cm and vertical ropes etc..including singing, excluding stones or blocks to fill incrates eachEtc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	57.00	Nos	Casuarina posts 5 to 7.5 cm diameter		Each	
	3.20	Kg	Nails,15cm long		Each	
	1.00	No.	Special mazdoor Category I for filling incrates with stones		Each	
	0.30	Nos	Carpenter II class for making crates		Each	
	1.70	Nos	Mazdoor Category I for crates		Each	
	1.00	No.	Fleat 1mx15cmx5cm for country wood		Each	
	4.30	Kg	Vertical ropes 12cm girth and 4.5 cm long an average		Kg	
			Hire for boat and for thick ropes for tying floats etc..complete			
			Sundries		LS	
			Sub total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No			
738	Casuarina walling and Cross ties including fixing with nails etc complete 10m run Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	10.00	Rm	Casuarina wallings and cross ties 4 to 5 cm diameter		Rm	
	0.45	Kg	Nails for fixing wallings and cross ties		Kg	
	0.20	Nos	Mazdoor category I for driving nails		Each	
			Sundries		LS	
			Total for 10m run			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
739	Providing and fixing 100mm diameter asbestos cement rain water down fall pipe including cost of 100mm diameter asbestos cement pipe, Shoe, Bend, Brackets teakwood plugs, gratings Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 3m run			
	5.00	Rm	Asbestos cement pipe (100m dia)		Rm	
	1.00	No.	Asbestos cement Shoe (100m dia)		Each	
	1.00	No.	Asbestos cement Plain Bend (100m dia)		Each	
	2.00	Nos.	Asbestos cement Clamp (100m dia)		Each	
	4.00	Nos.	Teakwood Plugs		Each	
	1.00	Nos.	Plumber for fixing the pipe		Each	
			Sundries		LS	
			Total for 3m run			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
740	Cutting, threading, Joining G.I Pipes with necessary specials including fixing to wall with necessary clamps and screws, making hole on the wall or drilling holes in roof making material spacked the same with necessary Brickwork and plastering wherever necessary with necessary scaffolding Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			Rate for 30Rm			
	30.00	Rm	Laying and joining including aligning		Rm	
	8.00	Nos	Cutting and threading charges		Each	
	4.00	Nos	Tees		Each	
	6.00	Nos	Elbows		Each	
	6.00	Nos	Stone cutters II Class		Each	
	1.00	No.	Masin I Class		Each	
	2.00	Nos	Mazdoor Category-I		Each	
	1.00	No.	Mazdoor Category-II		Each	
			Sundries for other Item		LS	
			Total for 30Rm			
			Sub total for 1 Rm(X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
741	Fixing Cut stone with gudgeon pins for garage doors including making necessary grooves in the cutstone to receive the gudgeon pins and fixing the pins with lead including cost of lead Etc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
	1.00	No.	Fixing Cutstone 40cmx30cmx25cm in CM (1:3)		Each	
	0.50	No.	Stone Cutter II class for cutting grooves to fix the pins		Each	
	4.30	Kg	Gudgeon Pin out of 50mm x 12mm M.S Flats		Kg	
	0.30	No.	Blacksmith		Each	
	0.30	No.s	Hammer man		Each	
	0.30	No.	Mazdoor category III		Each	
	7.10	Kg	Lead		Kg	
	0.10	No.	Stone Cutter II class		Each	
	0.10	No.	Mazdoor Category-III		Each	
			Sundries for fuel,etc		LS	
			Sub Total for 1 No (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 No			
742	Manufacturing and fixing Countrywood trellis workEtc, Complete Complying With Standard Specification and as Directed by the Departmental officers.					
			For Fixing trellis bay of 1.7m x 1.7m			
	0.06	Cu.m	Country wood wrought and put up		Cu.m	
	2.00	Nos	Carpenter II Class		Each	
	1.50	Nos	Mazdoor category I		Each	
	0.50	Kg	Nails for fixing		Kg	
			Sundries		LS	
			Total for (1.7m x 1.7m) Sq.m			
			Sub Total for 1 Sq.m(X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Sq.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
743	<p>Installation of Vertical Bored cast in situ RCC piles of following diameter in all types of soils, using Standardised Concrete Mix of following grade, with sulphate resistant Cement or OPC/PPC, etc and Crushed Stone Sand and 20mm and down graded HBGS jelly coarse aggregate. The rate includes cost for placing of reinforcement cage in bore hole in correct position, cost of boring to the required depth with Bentonite solution with temporary casing of required length, conveyance of RMC to site and pouring concrete using Tremine pipes, conveyance of all materials to the site including all tools and plants, shifting the plants and equipments from one point to another, excavation of mud pits for circulation of Bentonite solution, closing the mud pits to original level and mud removal with initial lead and lift but including dismantling the concrete above the cut off level etc complete as directed by the departmental officers including socketing. The reinforcement cage should be welded properly for lifting. The concrete cubes to be tested as per IS 456-2000. Acceptance criteria by clause 16.1. Frequency of testing as per 15.2.2. Testing to be conducted at both the ends at site as well as RMC plant. Pile driving depth should be decided by the departmental officers at site. The length of pile for payment shall be measured from top of shoe to the bottom of the pile cap. (Cost of Reinforcement provided for Pile and Welding charges shall be measured and Paid separately)</p> <p>Grade of Concrete:</p>					
a	750 mm dia pile					
			i) Length of pile upto 20M			
			ii) Extra length for every additional one meter depth or part thereof over a basic length of 20M			
			Consider a pile to a depth of 20m			
			A) Material			
	8.83	Cu.m	Cost of Standardised Concrete Mix of Grade:		Cu.m	
	350.00	Kg	Cost of Bentonite solution		Kg	
	0.66	Cu.m	Dismantling of RCC ($\pi \times (0.75 \times 0.75/4) \times 1.50$)		Cu.m	
			B) Machinery			
	4.80	Hours	Hire, running charges for hydraulic piling Rigs including power accessories, shifting from place to place		Hours	
	0.48	Hours	Hire, running charges for Light Crane		Hours	
	0.24	Hours	Hire, running charges for Tipper		Hours	
	0.24	Hours	Hire, running charges for Loader		Hours	
			C) Labour			
	0.12	No.	Mazdoor category I		Each	
	2.50	Nos	Mazdoor category II		Each	
			Rate per 20 Rm			
			Sub total for 1 Rm (X)			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
b	600mm dia pile					
			i) Length of pile upto 20M			
			ii) Extra length for every additional one meter depth or part thereof over a basic length of 20M			
			Consider a pile to a depth of 20m			
			A) Material			
	5.65	Cu.m	Cost of Standardised Concrete Mix of Grade:		Cu.m	
	320.00	Kg	Cost of Bentonite solution		Kg	
	0.42	Cu.m	Dismantling of RCC ($\varpi \times (0.60 \times 0.60/4) \times 1.50$)		Cu.m	
			B) Machinery			
	4.80	Hours	Hire, running charges for hydraulic piling Rigs including power accessories, shifting from place to place		Hours	
	0.48	Hours	Hire, running charges for Light Crane		Hours	
	0.24	Hours	Hire, running charges for Tipper		Hours	
	0.24	Hours	Hire, running charges for Loader		Hours	
			C) Labour			
	0.12	No.	Mazdoor category I		Each	
	2.50	Nos	Mazdoor category II		Each	
			Rate per 20 Rm			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
c	500 mm dia pile					
			i) Length of pile upto 20M			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			ii) Extra length for every additional one meter depth or part thereof over a basic length of 20M			
			Consider a pile to a depth of 20m			
			A) Material			
	3.93	Cu.m	Cost of Standardised Concrete Mix of Grade:		Cu.m	
	280.00	Kg	Cost of Bentonite solution		Kg	
	0.38	Cu.m	Dismantling of RCC ($\varpi \times (0.50 \times 0.50/4) \times 1.50$)		Cu.m	
			B) Machinery			
	4.20	Hours	Hire, running charges for hydraulic piling Rigs including power accessories, shifting from place to place		Hours	
	0.48	Hours	Hire, running charges for Light Crane		Hours	
	0.21	Hours	Hire, running charges for Tipper		Hours	
	0.21	Hours	Hire, running charges for Loader		Hours	
			C) Labour			
	0.12	No.	Mazdoor category I		Each	
	2.25	Nos	Mazdoor category II		Each	
			Rate per 20 Rm			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
d	450 mm dia pile					
			i) Length of pile upto 20M			
			ii) Extra length for every additional one meter depth or part thereof over a basic length of 20M			
			Consider a pile to a depth of 20m			
			A) Material			
	3.18	Cu.m	Cost of Standardised Concrete Mix of Grade:		Cu.m	
	220.00	Kg	Cost of Bentonite solution		Kg	
	0.24	Cu.m	Dismantling of RCC ($\varpi \times (0.45 \times 0.45/4) \times 1.50$)		Cu.m	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			B) Machinery			
	4.00	Hours	Hire, running charges for hydraulic piling Rigs including power accessories, shifting from place to place		Hours	
	0.32	Hours	Hire, running charges for Light Crane		Hours	
	0.20	Hours	Hire, running charges for Tipper		Hours	
	0.20	Hours	Hire, running charges for Loader		Hours	
			C) Labour			
	0.12	No.	Mazdoor category I		Each	
	2.25	Nos	Mazdoor category II		Each	
			Rate per 20 Rm			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
e	400 mm dia pile					
			i) Length of pile upto 20M			
			ii) Extra length for every additional one meter depth or part thereof over a basic length of 20M			
			Consider a pile to a depth of 20m			
			A) Material			
	2.51	Cu.m	Cost of Standardised Concrete Mix of Grade:		Cu.m	
	180.00	Kg	Cost of Bentonite solution		Kg	
	0.19	Cu.m	Dismantling of RCC ($\pi \times (0.40 \times 0.40/4) \times 1.50$)		Cu.m	
			B) Machinery			
	4.00	Hours	Hire, running charges for hydraulic piling Rigs including power accessories, shifting from place to place		Hours	
	0.32	Hours	Hire, running charges for Light Crane		Hours	
	0.20	Hours	Hire, running charges for Tipper		Hours	
	0.20	Hours	Hire, running charges for Loader		Hours	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			C) Labour			
	0.12	No.	Mazdoor category I		Each	
	2.25	Nos	Mazdoor category II		Each	
			Rate per 20 Rm			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			
f	<u>300 mm dia pile</u>					
			i) Length of pile upto 20M			
			ii) Extra length for every additional one meter depth or part thereof over a basic length of 20M			
			Consider a pile to a depth of 20m			
			A) Material			
	1.41	Cu.m	Cost of Standardised Concrete Mix of Grade:		Cu.m	
	120.00	Kg	Cost of Bentonite solution		Kg	
	0.11	Cu.m	Dismantling of RCC ($\varpi \times (0.30 \times 0.30/4) \times 1.50$)		Cu.m	
			B) Machinery			
	4.00	Hours	Hire, running charges for hydraulic piling Rigs including power accessories, shifting from place to place		Hours	
	0.32	Hours	Hire, running charges for Light Crane		Hours	
	0.20	Hours	Hire, running charges for Tipper		Hours	
	0.20	Hours	Hire, running charges for Loader		Hours	
			C) Labour			
	0.12	No.	Mazdoor category I		Each	
	2.25	Nos	Mazdoor category II		Each	
			Rate per 20 Rm			
			Sub total for 1 Rm (X)			
			Add water charges @1% of Sub Total X			
			Rate for 1 Rm			

HERITAGE WORKS

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
1	Dismantling and clearing away carefully and stacking materials useful for reuse the cracked/ dislodged brick wall of the building and to dispose debris etc complete complying with standard specification and as directed by the departmental officers.					
	1.00	cu.m	Dismantling of Brick/stone masonry wall in Lime mortar (SOR Unique code No. W-0013)		cu.m	
			Rate for 1 cu.m			
2	Carefully removing and clearing away carefully and stacking materials useful for reuse of the decayed wooden beam/joist/girder in roofing in all floors by carefully dislodging at ends and top including making necessary notches or openings in the wall on either side of joist, beam to enable it removed etc., complete complying with standard specification and as directed by the departmental officers.					
	1.00	cu.m	Dismantling Wrought and put-up Framed Timbers in roofs / floors (SOR. Unique code No. W-0028)		cu.m	
			Rate for 1 cu.m			
3	Removal of damaged wooden doors and windows and clearing away carefully and stacking materials useful for reuse without causing any damage to the existing ancient brick masonry wall including carefully removing brick corners of doors and windows etc complete complying with standard specification and as directed by the departmental officers.					
	1.00	sq.m	Dismantling doors and window (SOR. Unique code No. W-0029)		sq.m	
			Rate for 1sq.m.			
4	Dismantling of Leaky weathering coarse materials and disposing the debris excluding erection of scaffolding and proper centering for the safety of labours etc., complete as per std. specification and as per the direction of dept. officials.					
	1.00	sq.m	Dismantling Pressed Tiles & Weathering Course (SOR. Unique code No. W-0037)		sq.m	
			Rate for 1 sq.m			
5	Dismantling and clearing away carefully and stacking materials useful for reuse of damaged Mangalore tile roofing including removal of pan tiles , wooden reeper with T.W. planks and stocking of the useful materials etc. complete complying with standard specification and as directed by the departmental officers.					
	1.00	sq.m	Removal of flat tiles/ pan tiles/ mangalore tiles over flat tiles without timber (SOR - UC - W-0024)		sq.m	
			Rate for 1sq.m			
6	Dismantling and clearing away carefully and stacking materials useful for reuse of fire affected and Cracked Madras terrace roof of approximately 31cm thick and conveying the debris from inside to outside etc., complete complying with standard specification and as directed by the departmental officers.					
	1.00	sq.m	Dismantling one course of Terrace bricks roof finish in Lime mortar SOR Rate (SOR - UC - W-0039)		sq.m	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	1.00	sq.m	Dismantling one course of Terrace bricks roof finish in Lime mortar SOR Rate (SOR - UC - W-0039)		sq.m	
	1.00	sq.m	Dismantling Lime concrete SOR Rate (SOR 23-24 - UC - W-0033) (For second layer) cu.m rate converted/0.10cm		sq.m	
	1.00	sq.m	Dismantling Two course of flat tiles roof finish in lime mortar SOR Rate (SOR - UC - W-0040)		sq.m	
	0.50	Nos.	Mazdoor II class for operating breaker machine above 3.00m roof level using safety belt, helmet etc		Each	
	LS		Hire charges for breaker machine, safety belt, helmet etc.,		LS	
			Rate for 1 sq.m			
7	Removing and clearing away carefully and stacking materials useful for reuse of the cut stone /ancient sedimentary floor slab to a thickness of 18 mm to 20 mm etc., complete complying with standard specification and as directed by the departmental officers.					
	1.00	sq.m	Dismantling of cut stone flooring (SOR Unique code No. W-0021)		sq.m	
			Rate for 1sq.m.			
8	Dismantling and clearing away carefully Flooring / glazed tiles etc complete complying with standard specification and as directed by the departmental officers.					
	1.00	sq.m	Dismantling flooring glazed tiles (SOR Unique code No. W-0042)		sq.m	
			Rate for 1 sq.m			
9	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete					
	1.00	sq.m.	Rate as per SOR (SOR. Unique code No. M-0651)		sq.m	
10	Carefully removing the out of plumb and damaged battlement stone around the roof as parapet including numbering the stones and convey to ground floor and stacking them in order for reuse etc., The battlement stone is on edge of roof and at first floor roof terrace etc complete complying with standard specification and as directed by the departmental officers.					
			Data for 1 RM			
	0.30	Nos.	Stone mason I class		each	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.25	Nos.	Mazdoor Category I		each	
	LS		Add extra labour 15%for numbering the stones and convey to ground floor and stacking them in order for reuse etc.,	LS	Ls	
			Rate for 1 RM			
11	Removal of the existing deteriorated lime plastering over the wall, arches, domes and special type of ceiling of Madras terraced type roof carefully without disturbing or damaging the rafters, etc., complete complying with standard specification and as directed by the departmental officers.					
	1.00	sq.m	Removal of lime plastering (Rate as per SOR Unique code No. W-0103)		sq.m	
			Extra Labour for carefully removing the lime plastering from wall, arches, ceiling etc.,			
	0.30	Nos.	Mazdoor class I		each	
	0.25	Nos.	Mazdoor class II		each	
		Ls	Sundries		Ls	
			Rate for 1 sq.m			
12	Racking out the brick joints of walls, arches, etc.,to a depth of approximately 5cm for a wall thickness of 45cm and above to remove the dead mortar in between the brick joints and cleaning the surface with coir brush and washed with pure water etc complete complying with standard specification and as directed by the departmental officers.					
	0.30	Nos.	Mazdoor class I		each	
	0.25	Nos.	Mazdoor class II		each	
	LS		coir brush		Ls	
	LS		Water charges @ 1% of total value		Ls	
			Rate for 1 sq.m			
13	Clean removal of saline action over the stone pillars, brick wall etc., will paper pulp treatment by using floating paper, distilled water, plastic bucket,coir, brush etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 1 sq.m			
	0.20	Nos.	Mazdoor II class		each	
	1.00	sq.m	cost of floating paper		sq.m	
	0.50	liters	cost of Distilled water		liter	
	LS		cost of plastic bucket, coir, brush etc.,		LS	
			Rate for 1 sq.m			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
14	Removing the existing vegetation growth in the Building by way of uprooting the plants manually and then drilling with power driller up to the root depth of plants obtain a clean and neat drill so as to continuously inspect and remove left over roots of vegetation growths and to inject marakkolli pesticides into the holes so as to prevent further growth of vegetation in the future to safeguard the country old heritage building etc. The cost including the cost of pesticides used, hire charges of injecting machine for injecting chemicals, cost of tools and all labour charges, etc., complete and complying with standard specification and as directed by the departmental officers.					
			Rate as per sanctioned CER.No. 398/2020-2021			
a	1.00	No	Small plant		Each	
b	1.00	No	Medium plant		Each	
c	1.00	No	Big Plant		Each	
15	Reconstruction of brick masonry wall with similar type of bricks in lime mortar 1:2 (one lime two sand) using wire cut brick of size 9"x4"x3" (Specially manufacturing) and using Pollachi lime in all floors as per traditional preparation and doCu.mented type construction such as arches and lintels, walls, etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 2.83 cu.m			
	1300.00	Nos.	Bricks wire cut brick of size 9"x4"x3" (For Heritage works)		1000 Nos.	
	0.708	cu.m	Lime mortar 1:2		cu.m	
	1.00	Nos.	Skilled Mason I class		Each	
	3.00	Nos.	Skilled Mason II class		Each	
	2.00	Nos.	Mazdoor class I		Each	
	6.00	Nos.	Mazdoor class II		Each	
		LS	Water charges @ 1% of total value		LS	
			Sundries			
			Rate for 2.83 cu.m			
			Rate for 1 cu.m		cu.m	
16	Pointing , grouting and filleting the brick joint of wall and arches with lime mortar 1:2 (one of lime and two of sand) using Pollachi lime in all floors etc., complete complying with standard specification and as directed by the departmental officers.					
	0.10	cu.m	Lime mortar 1:2		cu.m	
	2.20	Nos.	Skilled Mason 1 class		Each	
	0.50	Nos.	Mazdoor Category I		Each	
	1.10	Nos.	Mazdoor class II		Each	
			Add 15% Time waiting for setting time of lime plaster for every one hour			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
		LS	Water charges @ 1% of total value			
		LS	Sundries			
			Total for 10 sq.m			
			Rate for 1sq.m			
17	Carefully removing and scooped out the eroded and worn out bricks over the wall, arches and pillar etc and refixing and mending with similar bricks in lime mortar 1:2 (one of lime and two of sand) etc., complete complying with standard specification and as directed by the departmental officers.					
	Due to age and weathering action, the existing bricks were erroded and damaged in some places. Hence the provision is necessary to remove the bricks carefully without causing any damage to ancient structure and adjacent bricks. This is slow nature work					
	Labour provision for removing erroded bricks Labour & material for mending / refilling of bricks					
			Data for 1 sq.m			
a			By using 50 Nos bricks in 1 sq.m of area			
	50.00	Nos.	Special Brick (Existing building brick size 8"x4"x2")		1000 Nos.	
	0.05	cu.m	Lime mortar 1:2		cu.m	
	0.50	Nos.	Skilled Mason 1 class		Each	
	0.20	Nos.	Mazdoor 1 class		Each	
	0.30	Nos.	Mazdoor II class		Each	
		LS	Water charges @ 1% of total value		LS	
			LS hiring charges of power tools/ chisel rod etc.,			
				Total		
			Rate for 1 sq.m			
			Labour provision for removing erroded bricks Labour & material for mending / refilling of bricks			
			Data for 1 sq.m			
b			By using 25 Nos bricks in 1 sq.m of area			
	25.00	Nos.	Special Brick (Existing building brick size 8"x4"x2")		1000 Nos.	
	0.05	cu.m	Lime mortar 1:2		cu.m	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.50	Nos.	Skilled Mason 1 class		Each	
	0.20	Nos.	Mazdoor 1 class		Each	
	0.30	Nos.	Mazdoor II class		Each	
		LS	Water charges @ 1% of total value		LS	
			LS hiring charges of power tools/ chisel rod etc.,			
			Rate for 1 sq.m			
18	Strengthening the existing walls by providing grouting by formation of two holes of size 1" with required intervals - depth of 350mm for an area of 1 sq.m and depending upon the site conditions injecting lime slurry consisting of lime mortar 1:2 (one lime and two of sand) using Pollachi lime in all floors added with grouting admixture by 2% weight of lime, by using required equipment and the rate includes the cost of all materials, labour charges etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 1 sq.m			
	0.021	cu.m	Area for grouting L.M 1:2 Area of drilled holes (formula = $\pi D^2 / 4$) $3.14 * 0.0254 * 0.0254 / 4 * 9 * 2$ $= 0.009m^2 = +$ Area intrusion occurs 5% of 1 sq.m $= (1.00$ $x 5\% = 0.05m^2) =$ total of $(0.009 + 0.05 = 0.059)$ 0.059 sq.m multiply by 0.35 m thickness = 0.021 cu.m		cu.m	
	0.73	kg	Shrink Komp admixture taking 2% of LM $(2\% * 0.021 * 1760$ density of lime mortar)		kg	
	0.50	Nos.	Mazdoor I class		Each	
		LS	Water charges @ 1% of total value		LS	
			Sundries			
			Rate for 1 sq.m		sq.m	
19	Replastering (base plastering) the brick wall, pillars and arches, etc., with lime mortar 1:2 (one of lime and two of sand) to a thickness of 30 mm laid in two layers of 15mm thick using Pollachi lime in all floors etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 10 sq.m			
	0.35	cu.m	Lime mortar 1:2		cu.m	
	0.024	cu.m	Lime		cu.m	
	3.84	Nos.	Skilled Mason 1 class		each	
	1.32	Nos.	Mazdoor 1 class		each	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	6.48	Nos.	Mazdoor class II		each	
	0.50	Nos.	Sthapathy mason I		each	
	0.50	kg	Galnut		kg	
	1.00	kg	Jaggery (Palm jaggery)		kg	
			Add 15% Time waiting for setting time of lime plaster for every one hour			
	LS		Water charges @ 1% of total value		Ls	
	LS		Sundries			
			Total for 10 sq.m			
			Rate for 1 sq.m			
20	Applying thin coat of hand grinded lime mortar paste in lime mortar 1:1.5 (one lime and one and half sand) 6mm thick using Pollachi lime in all floors (mix should be with 5.9 kg of jaggery, 2 kg of glue, 1.1 kg of gallnut, 1.4 kg of oakum, 30 nos eggs, 1 litre curd, 3 kg white marble powder, 0.5 kg vajram, 0.06m ³ of surki, (for 10 sq.m area) of mugal plastering (Theervai) over the newly plastered surface as per the existing clues (including finishing the surface with smoothness) ` etc., complete complying with standard specification and as directed by the departmental officers. (For inner walls)					
			Data for 10 sq.m			
	0.22	cu.m	Lime		cu.m	
	0.17	cu.m	Sand		cu.m	
	0.06	cu.m	Surki (brick jelly 20mm)		cu.m	
	0.22	cu.m	Grinding Mortar		cu.m	
	5.90	Kg	Jaggery (palm jaggery)		Kg	
	2.00	Kg	Glue		Kg	
	1.10	Kg	Galnut		Kg	
	1.40	Kg	Oakum		Kg	
	1.40	Nos	Skilled mason I		each	
	2.20	Nos	Mazdoor I Class		each	
	8.50	Nos	Mazdoor II class		each	
	30.00	Nos	Egg		each	
	1.00	Lit	Curd		Lit	
	3.00	kg	White Marble Powder		kg	
	1.00	kg	Soap stone Powder		kg	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.50	kg	Vajram		kg	
	2.00	Nos	Paint Brush		each	
		LS	Carbonate Stone		LS	
		LS	Cost of voil cloth		LS	
		LS	Hire Charges for Water Sprayer		LS	
		LS	Add 15% for smooth finishing of wall etc		LS	
		LS	Water charges @ 1% of total value		LS	
		LS	Sundries		LS	
			Total for 10 sq.m			
			Rate for 1 sq.m			
21	Replastering the ceiling, etc., with Lime mortar 1:1.5 (one Lime and one and half sand), 20mm thick using Pollachi lime in all floors including labour charges, etc., complete complying with standard specifications as directed by the departmental officers.					
			Rate for 10 sq.m			
	0.22	cu.m	Lime Mortar 1:1.5		cu.m	
	2.20	Nos	Skilled mason I Class		each	
	0.50	No	Mazdoor Category I		each	
	3.20	Nos	Mazdoor II Class		each	
	LS		Water charges @ 1% of total value		LS	
	LS		Sundries			
			Rate for 10 sq.m			
			Rate for 1 sq.m			
22	Reproducing the ornamental stucco work (sudai work) with(Lime mortar Jaffri work) around the inner and outer wall cornice portion and inner wall of arches , above as per existing style and clues in lime mortar 1:2 and finishing with lime mortar 1:1.5 (theeravai) applying thin coat of hand grinded lime mortar paste in lime mortar 1:1.5 with redoxide (one lime and one and half sand) 6mm thick using Pollachi lime in all floors (mix should be with 5.9 kg of jaggery, 2 kg of glue, 1.1 kg of gallnut, 1.4 kg of oakum, 30 nos eggs, 1 litre curd, 3 kg white marble powder, 0.5 kg vajram, 0.06m3 of surki, 0.5 kg of red oxide and 0.5 kg of yellow oxide) (for 10 sq.m area) of mugal plastering (Theervai) over the newly plastered surface as per the existing clues (including finishing the surface with smoothness) `etc., complete complying with standard specification and as directed by the departmental officers.					
			DATA for 1 sq.m			
			For mending of ornamental portion with Lime mortar 1:2			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	5.00	Nos	Spl bricks 8"x4"x2"		1000.00	
	0.05	cu.m	Lime mortar 1:2		cu.m	
	1.00	No	Skilled Sthapathy mason I		each	
	0.25	each	Skilled imported Mazdoor1		each	
	0.70	each	Imported skilled Mazdoor class II		each	
			Finishing with hand grinded Lime mortor paste (theeravai)			
	0.01	cu.m	Lime mortor paste (theeravai)		cu.m	
	0.10	kg	jaggery		Kg	
	0.10	1 kg	Galnut		Kg	
	3.00	1 No	Egg		each	
	0.05	Kg	Vajram		Kg	
	0.30	Kg	white cement		Kg	
	0.05	Kg	Red oxide		Kg	
	0.05	Kg	yellow oxide		Kg	
	0.10	each	Paint Brush		each	
	1.50	each	Skilled imported Sthapathy mason I		each	
	0.30	each	Skilled imported Mazdor I class		each	
	0.07	each	Imported skilled Mazdoor class II		each	
	LS		Cost of carbonite stone			
	LS		Cost of voil cloth			
	LS		Water charges @ 1% of total value			
	LS		sundires			
			Rate for 1sq.m			
23	Applying thin coat of hand grinded lime mortar paste in lime mortar 1:1.5 with redoxide (one lime and one and half sand) 6mm thick using Pollachi lime in all floors (mix should be with 5.9 kg of jaggery, 2 kg of glue, 1.1 kg of gallnut, 1.4 kg of oakum, 30 nos eggs, 1 litre curd, 3 kg white marble powder, 0.5 kg vajram, 0.06m3 of surki, 0.5 kg of red oxide and 0.5 kg of yellow oxide) (for 10 sq.m area) of mugal plastering (Theervai) over the newly plastered surface as per the existing clues (including finishing the surface with smoothness) `etc., complete complying with standard specification and as directed by the departmental officers. (For outer walls)					

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Data for 10 sq.m			
	0.22	cu.m	Lime		cu.m	
	0.17	cu.m	Sand		cu.m	
	0.06	cu.m	Surki (brick jelly 20mm)		cu.m	
	0.22	cu.m	Grinding Mortar		cu.m	
	5.90	Kg	Jaggery (palm jaggery)		Kg	
	2.00	Kg	Glue		Kg	
	1.10	Kg	Galnut		Kg	
	1.40	Kg	Oakum		Kg	
	1.40	Nos	Skilled mason I class		each	
	2.20	Nos	Mazdoor I class		each	
	8.50	Nos	Mazdoor II class		each	
	30.00	Nos	Egg		each	
	1.00	Lit	Curd		Lit	
	3.00	kg	White Marble Powder		kg	
	1.00	kg	Soap stone Powder		kg	
	0.50	kg	Vajram		kg	
	2.00	Nos	Paint Brush		each	
	0.05	kg	Red oxide		kg	
	0.05	kg	Yellow oxide		kg	
	LS	Nos	Carbonate Stone			
	LS	M	Cost of veil cloth			
	LS	Nos	Hire Charges for Water Sprayer			
	LS		Add 15% for smooth finishing of wall etc			
	LS		Water charges @ 1% of total value			
			Total for 10 sq.m			
			Rate for 1 sq.m			
					say	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
24	Exposed brick work Pointing with Lime flush pointing in stone and brick with 1:1.5 lime mix after making surface to be pointed free from dust and dirt the pointing should be compacted well making sure that the brick surface in elevation is clean from mortar marks etc complete complying with standard specification and as directed by the departmental officers.					
			Data for 10 sq.m			
	0.35	cu.m	Lime mortar 1:1.5		cu.m	
	0.002	cu.m	Brick surki (brick jelly 20mm)		cu.m	
	1.00	Nos.	Skilled Sthapathy mason I class		Each	
	0.75	Nos.	Mazdoor 1 class		Each	
	0.75	Nos.	Mazdoor class II		Each	
			Add labour charges for 15% high level roof above 4.00m & Time waiting for setting time of lime plaster for every one hour			
	LS		Water charges @ 1% of total value			
	LS		Sundries			
			Rate for 10 sq.m			
			Rate for 1 sq.m			
25	Washing the exposed brickwork of layer of cement paint using fluoric acid solution in dilutions as specified. The area should be first be washed with clean potable water, then acid solution using soft wire brushes to prevent damaged to the surface, and finally all traces of acid removed with clean potable water, workers to be protected from exposure with masks, gloves. etc., complete complying with standard specification and as directed by the departmental officers.					
	1.00	Sq.m	Rate as per Sanctioned Estimate vide CR.No.5 P&D /2022-2023		Sq.m	
26	Teakwood wrought & putup for joist, beam, rafters and purlins, etc., which are in full length new member placed for supporting the Madras Terrace roof/ Mangalore tiles roof or any other area in all floor as directed by the departmental officers by using well seasoned superior quality and approved variety of teakwood for heritage building work including fixing of iron holdfasts in case of doors, windows and ventilators etc., and excluding cost of holdfasts and making necessary size holes in the masonry to receive the ends of wooden joists, beams, etc., all fixtures and fastenings etc., complete. Item to include all moulding and chamber to be made as per original design indicated by the Engineer In Charge. (The rate includes the cost of teakwood, labour charges for wrought and putup to the existing clue/design, fixing in position to true alignment and gradient wherever necessary. Complying with standard specifications and as directed by the departmental officers (sample of teakwood to be shown to the Executive Engineer concerned for approval before use on work). Application of Solignum on the wooden surface should also be done. In all floors					
			Data for 1 cu.m			
			Labour for wrought and put up (sub data)			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4.50	Nos	Carpenter I		each	
	13.20	Nos	Carpenter II		each	
	8.80	Nos	Mazdoor 1st class		each	
			Sundries for nails, screws, etc.			
			Main data			
	1.00	cu.m	Cost best quality of Teak wood		cu.m	
	1.00	cu.m	Labour for wrought and put up		cu.m	
	LS		Hire charges of pully block etc		LS	
	LS		Cost nylon rope		LS	
			Rate for 1 cu.m		cu.m	
27	Providing and fixing in position of cut stone bed blocks of size 1.20m x 0.50m x 0.20m using Cut stone for placing I-beams including cost of stone blocks, conveyance, lifting and placing in position as directed by the departmental officers.					
			Data for 1 No.			
			Size of hard granite stone size 1.20mx0.50mx0.20m =0.12cu.m			
	0.12	cu.m	Cut stone pavukkal (Ceiling stone) SOR P.No.172 / Unique code. No.M-2275		cu.m	
	0.10	cu.m	Lime mortar 1:2		cu.m	
	1.00	Nos.	Skilled Sthapathy mason I class		Each	
	0.25	Nos.	Mazdoor 1 class		Each	
	0.25	Nos.	Mazdoor II class		Each	
	LS		Add labour charges for 15% high level roof above 4.00m & Time waiting for setting time of lime plaster for every one hour		LS	
	LS		Water charges @ 1% of total value		LS	
	LS		Sundries		LS	
			Rate for 1 RM			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
28			Supplying and fixing of best quality and approved variety of ISMB girder of required size and section of make TATA or equivalent of various span fixing below the madras terrace roof to support the roof in the places wherever necessary as directed by the departmental officers and fixed ISMB- grider 'I' Section over the bed blocks in the wall including cost of dismantling the brick work wherever necessary for fixing the 'I' Section and redoing the same and also the cost of 'I' Section labour charges hire charges for welding machineries, hoist for lifting and hire charges for hydraulic manuals Jacky and other allied tools etc., complete including the cost of porting of ISMB- grider 'I' section etc and one coat of red oxide primer etc., complete. The I beam has to be supported on brick wall using appropriate blocks so as to support the madras terrace roofing in all the floors etc., complete complying with standard specifications.(The make and brand of the ISMB girder I section should be got approved by the Executive Engineer before use on works).			
			Rate as per SOR Unicode No. M-2282			
29			Redoing of Madras Terrace roof in all floors with one layer of brick on edge course laid as first layer over the existing Teakwood joists, Beams, I Sections, etc., which are placed at roof level in all floors using specially manufactured Terrace bricks for heritage works of size 150mm x 75mm x 25mm in lime mortar 1:1.5 (one lime and one and half sand). The second layer is laid with specially manufactured Terrace bricks for Heritage works of size 150mm x 75mm x 25mm in flat manner in lime mortar 1:2 (one lime and t\wo sand) 20mm thick as base layer laid over the top of brick on edge course. Brick jelly lime concrete using broken brick jelly of size 20mm uniform gauge in pure slaked lime (no sand to be added) to the proportion of brick jelly to lime being 32:12.50 by volume laid over the second layer of terrace bricks for an average consolidated thickness of 100mm in a single layer of required slope/level as directed and finished by beating the concrete with wooden beaters of approved pattern, keeping the surface constantly wet by sprinkling lime jaggery (PALM JAGGERY) water. (Galnut of 10kg and jaggery of 10kg per one sq.m). The beating of the concrete is done continuously until the brick jelly lime concrete is well hardened. After ensuring the harden surface of brick jelly lime concrete, flat tiles of 150mm x 150mm x 25mm of specially manufactured superior quality to suit the heritage works is laid in two consecutive layers in lime mortar 1:2 (one lime and two sand) 15mm thick for each layer of flat tiles. The base mortar provided for the top course of flat tiles is mixed with SBR (Synthetic Butadiene Rubber) Polymer at the rate of 0.5 litres for one sq.m is applied for water proofing chemical treatment including neat finishing. The Materials like Terrace bricks for the heritage work as from Thirukkattupalli and Pollachi lime should only be used. The period of interval between laying of I layer, II layer of terrace bricks, brick jelly lime concrete and flat tiles in two consecutive layers as directed by the departmental officers etc., complete complying with standard specifications. The Madras Terrace roof laid over the roof joist, beam, etc., is well embedded in the wall to the required distance as directed by the Engineer In Charge. (The rate includes the cost of all materials like terrace brick for heritage works, brick jelly 20mm, Pollachi lime, flat tiles and SBR chemicals and labour charges for laying all items of works). Pollachi lime should only be used for preparation of mortar, brick jelly lime concrete etc.. The Terrace bricks, flat tiles should got approved by the Executive Engineer before use on works. The overall thickness of madras terrace roof laid is to be of 300mm as detailed below. Brick on edge course (I layer) = 75mm Base mortar for laying terrace bricks = 20mm Laying of terrace bricks (II layer) = 25mm Brick jelly lime concrete = 100mm Base mortar for flat tiles = 15mm Laying flat tiles(I course) = 25mm Base mortar for flat tiles (II layer) = 15mm Flat tiles (II course) = 25mm Total thickness = 300mm			
			Data for 10 sq.m			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	1940.00	Nos.	Terrace brick of size 150x75x25 mm		1000 Nos.	
	890.00	Nos.	Terrace brick of size 150x75x25 mm		1000 Nos.	
	900.00	Nos.	Flat tiles 150x150x25 mm		1000 Nos.	
	1.28	cu.m	Broken brick jelly 20mm		cu.m	
	0.50	cu.m	Lime (Pollachi lime)		cu.m	
	0.21	cu.m	Limemortar 1:1.5		cu.m	
	0.51	cu.m	Limemortar 1:2		cu.m	
	5.40	Nos.	Skilled Mason I class		Each	
	2.10	Nos.	Skilled Mason II class		Each	
	4.40	Nos.	Mazdoor Category I		Each	
	5.40	Nos.	Mazdoor II Class		Each	
	10.00	kg	Jaggery (Palm jaggery)		kg	
	10.00	kg	Galnut		kg	
	5.00	Lit	SBR (Synthetic Butadine Rubber polymer) (water proofing compound)		Lit	
	LS		Add 15% extra on labour for spraying of jaggery and galnut water over the madras terrace roof and for setting time provision in between 5 layers		LS	
	LS		Water charges @ 1% of total value		LS	
			Total for 10 sq.m			
			Rate for 1 sq.m			
30	Grouting and stitching the cracked wall and arches by toothing method including required terrace bricks of size 8"x 4" x 2" wherever necessary and cutting of groove and fixing of key stone of size 900mm x 230mm x 200mm and finishing the surface with lime mortar 1:2 (one lime and two sand) as per original etc complete complying with standard specification and as directed by the departmental officers.					
			Data for 1No.			
	1.00	Nos	Mazdoor 1 class (using only power tools for cutting grooves over the ancient stucture of arches portion etc)		Nos	
			For grouting and stitching			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.0830	cu.m	Cut stone slab 2 Nos (size 0.90 x 0.23 x0.20 m) Cut stone pavukkal (Ceiling stone) SOR P.No.161 sl.no.8D		cu.m	
	20.00	Nos	Special bricks of size 8"x4"x2"		Nos	
	0.10	cu.m	Lime mortar 1:2		cu.m	
	1.00	Nos	Mason 1st class		Nos	
	1.00	Nos	Mazdor class I		Nos	
	0.50	Nos	Mazdoor class II		Nos	
			Water charges @ 1% of total value			
			LS (cost for conveyance etc)			
			Rate for 1No.			
31	Grouting and stiching the wide cracks at roof (Madras Terrace Roof) using lime mortar 1:2 with pot pieces for filling up the cracks and the voids, creivices and gap etc.shall be completely sealed with necessary grouting pump. This pressure pump is to be used after cleaning the cracks, washing etc., and then the cracks are grouted with lime mortar 1:2 and it is allowed to be cured till final setting of lime mortar before taking up further leak proof treatment work.					
			Sub Data			
	Plastering with lime mortar 1:1:5 and lime mortar 1:2, 20mm thick in two layers over the flat tile roofing by using galnut, jaggery water and prepare the surface smooth and easy to drain with necessary slope etc. complete.					
	0.18	cu.m	Lime mortar 1:2		cu.m	
	0.04	cu.m	Lime mortar 1:1.5		cu.m	
	0.008	cu.m	Lime		cu.m	
	2.20	Each	Mason I Class		Each	
	0.50	Each	Mazdoor Class I		Each	
	3.20	Each	Mazdoor Class II		Each	
	20%	LS	Extra labour charges for slow nature of work		LS	
		LS	Water charges @ 1% of total value		LS	
	LS	LS	plastic pot, sponge, brushes		LS	
			Rate for 10 Sq.m			
			Rate for 1 Sq.m			
			Main data			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.01	cu.m	UnSlacked Pollachi lime for heritage works		cu.m	
	1.00	No	Mason I class		No	
	1.00	No	Mazdoor Category I		No	
	0.30	Sq.m	Top plastering using lime 1:2, 20mm thick		Sq.m	
	LS		Pot pieces		LS	
	LS		Hiring charges for pressure grouting machine including cost of fuel and labour charges for operator		LS	
	LS		Extra Labour charges (Night Duty) for slow nature of work		LS	
	LS		Water charges @ 1% of total value		LS	
			Add Sundries			
			Rate for 1 RM			
32	Reconstruction of old available ornamental battlement stone in the papapet level in lime mortar 1:2(one of lime and two of sand) in position around the terrace as per the existing evidence and including labour for lifting of ornamental battlement stone to roof terrace level etc complete complying with standard specification and as directed by the departmental officer.					
			Data for 1 RM			
	0.10	cu.m	Lime mortar 1:2		cu.m	
	1.00	Nos.	Skilled Sthapathy mason I class		Each	
	1.00	Nos.	Mazdoor 1 class		Each	
	1.00	Nos.	Mazdoor II class		Each	
			Add labour charges for 15% high level roof above 4.00m & Time waiting for setting time of lime plaster for every one hour			
	LS		Water charges @ 1% of total value		LS	
	LS		Sundries			
			Rate for 1 RM			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
33	Refixing the new ornamental parapet stone using Hard granite stone of size 0.38m x 0.15m and height about 0.90m with true alignment in both vertical and horizontal direction in missing places on parapet wall of heritage building, with base mortar as in the combination of lime mortar 1:3, gallnut and jaggery water for fixing on brick wall and adjacent stones, the base of stone is fixed on brick wall by means of cutting with hand chisel without any damages to wall and adjacent stones, the stone joints are to be filled with heated lead solution at a very high temperature up to a depth of 20mm neatly trimmed with a trowel and straight edges, the rate inclusive of cost of stone, lime mortar, making of thermocoal die, chiselling charges, transportation to site, lifting to terrace at a height about 15.80m from ground level, fixing in position, curing of lime mortar, lead pointing, etc., complete the location of fixing, shape, design and quality of stone are to be done as directed by the departmental officer.					
			Data for 1no.			
	Size of hard granite stone size 0.38x0.15x0.90m Rough stone required for making capital 1.40x0.45x0.40=0.252cu.m					
	0.252	cu.m	Cut stone pavukkal (Ceiling stone) SOR P.No.172 Unique code no. M-2275		cu.m	
	2.00	Nos	Stone Sthapathy mason I class		Each	
	2.00	Nos	Mazdoor 1 class		Each	
	20.00	kg	charcoal		kg	
	2.00	rft	Chistle rod		rft	
			Labour & mortar for fixing in position over the parapet of roof			
	0.10	cu.m	Lime mortar 1;2		cu.m	
	1.00	Nos	Skilled stone mason		each	
	1.00	Nos	Mazdoor Category I		each	
	0.50	Nos	Mazdoor II class		each	
		LS	Water charges @ 1% of total value			
		LS	sundires		LS	
			Total			
			Rate for 1 No			
34	Supplying and fixing cuddapah stone sunshade arrangements using 40mm thick cuddapah slab inserted to existing wall surface and pointing the stone slab etc. The sunshade has to be proper support arrangements like iron hook etc. The rate is inclusive cost of cuddapah slab, necessary dismantling the existing wall and redoing the same using necessary jointing materials, labour charges for fixing and necessary supporting arrangements of cuddapah sunshade etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 2.88 sq.m			
			Observed Data:-			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Consider a size = 1x1x2.40x1.20=2.88m ²	2.88	Sq.m	
		1)	40mm thick Cuddapah slab			
			1x1x2.40x1.20=2.88	2.88		
			Add wastage 10%	0.29		
				3.17	Sq.m	
		2)	Led pointing			
			1x3x1.20=3.60	3.60	RM	
		3)	Iron Hook			
			1x4	4.00	Nos.	
			Main Data:-			
	3.17	sq.m	40mm thick cuddapah slab		sq.m	
	3.60	Rm	Led pointing		Rm	
	4.00	Nos	Iron hook		Each	
	1.50	Nos	Mason I class		Each	
	1.50	Nos	Mazdoor Category I		Each	
	3.00	Nos	Mazdoor II class		Each	
	10.00	%	Add extra for slow nature of work			
		LS	Water charges @ 1% of total value			
		LS	Sundries			
			Rate for 2.88 Sq.m			
			Rate for 1.00 Sq.m			
35	Laying of roofing with Mangalore tiles over flat tiles set in Lime mortar 1:2 (one of lime and two of sand) using Pollachi lime in all floors with flat tiles of size 150mm x 150mm x 12mm including Teak wood reepers of size (50mm x 12mm) complete complying with standard specification and as directed by the departmental officers. (The rate includes the cost of all materials like Mangalore tiles, flat tiles, and labour charges for laying of Mangalore tiles with flat tiles roof in position)					
			Rate for 10 Sq.m			
	160.00	Nos	Heritage Class Mangalore tiles AA		1000 nos	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	450.00	nos	Mangalore ceiling tiles		1000 nos	
	74.00	Nos	50x12mm teakwood reeper		Rm	
	0.49	kg	40mm long wire nails		Each	
	0.01	Cu.m	Lime (pollachi)		Cu.m	
	0.37	Cu.m	Lime mortar 1:2		Cu.m	
	0.80	Nos	Carpenter I class		Each	
	1.60	Nos	Mason I class		Each	
	1.100	Nos	Mazdoor Ist class		Each	
	4.30	Nos	Mazdoor IInd class		Each	
	0.12		Seasoned Teakwood for Scantling and Planks for Heritage Works		Cu.m	
	LS		Water charges @ 1% of total value		LS	
	LS		Sundries			
			Rate for 10 Sq.m			
			Rate for 1 Sq.m			
36	Renewing and fixing in position of best and approved quality of mangalore ridge tiles including cost of tiles and fixing the tiles in position etc.,complete complying with standard specification and as directed by the departmental officers.					
	1.00	No.	Best mangalore ridge tiles (As per SOR Unicode No. M-0030)		1000 Nos	
		LS	Lifting and fixing cost			
			Rate for 1 No.			
37	Renewing the damaged sunshade of trapezoidal shape with new superior quality of teak wood, Manglore tile roofing at the top. The sunshade if fixed on wall with teak wood of size 80mmx 100 mm fixed on the wall directly, additional inclined brcing provides on the sides of window using teak wood sized 80mm x 80mm , the top teak wood 50mm x 80mm in cross section from the wall is rested at end running member 80mm x 100mm . The top manglore tiles are rested on best teak wood reepers of size 50mm x 25mm . the rate inclusive of cost of dismantling damged tile, teak wood members without damaging to the wall, refixing, labour charges, but excluding of scaffolding charges, etc., complete complying with standard specification and as directed by the departmental officers.					
			Consider top area 2.20 x 1.30 = 2.86 Sq.m			
			Sub Data			
			Material required			
	A	Teak wood members				

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
		a	Teak wood 100mm x 80 mm			
			In horizontal member(Fixed on wall) $1 \times 2 \times 1.10 \times 0.08 \times 0.10 =$	0.0176		
			In bracing support $1 \times 2 \times 0.30 \times 0.10 \times 0.08 =$	0.0048		
			In end horizontal support to purlin $1 \times 1 \times 2.20 \times 0.08 \times 0.10 =$	0.0176		
			Add 10% wastage	0.0040		
			Total	0.0400	cu.m	
		b	Teak wood 80mm x 80mm			
			In inclined bracing $1 \times 2 \times 0.90 \times 0.08 \times 0.08 =$	0.0115		
			Add 10% wastage	0.0012		
			Total	0.0127	cu.m	
		c	Teak wood 50mm x 80mm			
			In cross purlin $1 \times 4 \times 1.50 \times 0.05 \times 0.08 =$	0.0240		
			Add 10% wastage	0.0024		
			Total	0.0264	cu.m	
			Total quantity (a+b+c) =	0.0791		
	B		Teak wood reepers size 50mmx25mm			
			$1 \times 5 \times 2.20 =$	11.00		
			Add 10% wastage	1.10		
			Total	12.10	Rm	
			Main data			
	0.0791	cu.m	Cost of teak wood Scantling		cu.m	
	12.10	Rm	Cost of teak wood reepers 50mmx25mm		Rm	
	46.00	Nos	Cost of manglore tiles		1000 Nos	
	1.00	Nos	Stone cutter I class		No	
	3.00	Nos	Capenter I Class		No	
	5.00	Nos	Carpenter II class		No	
	0.25	Nos	Skilled & Imported Mason I class		Each	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	1.00	Nos	Mazdoor Category I		Each	
	0.50	Kg	Nails & screws		kg	
	0.50	kg	Fevicol		kg	
	LS		Provision for dismantling of walls, refilling, ect.,			
			Rate for 2.86 Sq.m =			
			Rate for 1.00 Sq.m =			
					say	
38			Renewing and fixing eaves board of size 25cm x 2cm using teakwood of best quality as per existing style including cost of teakwood, labour wrought and putup, labour charges for fixing in position etc. complete complying with standard specification.			
			Labour for wrought and put up (sub data)			
	4.50	Nos.	Carpenter I		each	
	13.20	Nos.	Carpenter II		each	
	8.80	Nos.	Mazdoor 1st class		each	
			Consider a size of 1mx .25x0.02 m eaves board= 0.003 cu.m			
	0.005	cu.m	Teakwood wrought & putup		cu.m	
	0.005	cu.m	Labour wrought and put up		/ cu.m	
			100% for design work			
			Sundries for nails and washer etc.,			
			Rate for 1RM			
39	Supplying and fixing best quality of Bison cement bonded particle Board 10mm thick including labour charges for fixing the board including painting charges etc. complete complying with standard specification.					
	10.00	sq.m.	Bison cement bonded particle Board 10mm thick		sq.m.	
	1.10	Nos.	Carpenter I Class		Each	
	1.10	Nos.	Mazdoor Category I		Each	
	LS		Sundries for nails and washer etc.,			
			Total for 10 sq.m.			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Rate for 1 sq.m.			
40	Providing water membrane treatment to the leaky terrace using Synthetic Butadine Rubber sheet (SBR) including hacking the surfaces and roughening the old RCC roof surface with wire brushes and tools wherever necessary and the Synthetic Butadine Rubber sheet (SBR) has been laying before weathering course brick jelly concrete and with using necessary SBR adhesive to carefully laying with proper joints (the joints over lap to be not more than over lap 15cm to 20cm) etc, including labour for laying the sheets etc complete including curing and finishing neatly complying with standard specification and as directed by the departmental officers.					
	10	sq.m.	Laying SBR water proofing sheet 3 to 4mm.		sq.m.	
	1.2	Nos	Stone cutter II class		Each	
	2.2	Nos	Mazdoor II class		Each	
	5	kg	SBR adhesive		kg	
		LS	Provision for roughening the old surface using wire brushes and necessary tools		LS	
			Rate for 10 Sq.m			
			Rate for 1Sq.m			
41	Finishing the top of roof with one course of machine pressed tiles of size 230mm x 230mm x 20mm of approved quality set in Cement Mortar 1:3 (One Cement and Three Sand) 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete complying with standard specification and as directed by the departmental officers.					
			Sub-Data for Pointing with Cement Mortar 1:3			
	0.04	Cu.m	Cement Mortar 1:3		Cu.m	
	0.384	Kg	Water Proofing Compound		Kg	
	2.20	Nos.	Mason II Class		Each	
	0.50	Nos.	Mazdoor Category I		Each	
	1.10	Nos.	Mazdoor II Class		Each	
		LS	Water charges @ 1% of total value		LS	
		LS	Add for red oxide etc.,			
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
			Main Data			
	189.00	Nos.	Pressed Tiles of 230mm x 230mm x 20mm		1000 Nos.	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.12	Cu.m	Cement Mortar 1:3		Cu.m	
	10.00	sq.m.	Pointing with Cement Mortar 1:3		sq.m.	
	1.152	Kg	Water Proofing Compound		Kg	
	1.10	Nos.	Mason I Class		Each	
	2.10	Nos.	Mason II Class		Each	
	2.20	Nos.	Mazdoor Category I		Each	
	1.10	Nos.	Mazdoor II Class		Each	
		LS	Water charges @ 1% of total value			
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
42	Finishing the top of roof surface using specially manufactured superior quality terrace tiles of size 150x150x20mm (nattu odu) for heritage works laid with Lime mortar 1:2 (one Lime and two sand). The Terrace tiles should be laid on such a manner with proper slope and gradient that the rain water gets discharged easily through rain water outlet pipes freely. The quality of lime to be procured from Pollachi shall be of best and high calcium oxide content quality etc complete. The rate including cost of all materials, Labour charges, lift arrangements, transportation of material from G.F to T.F by head load and finishing neatly etc complete.					
			Data for 10 sq.m			
	435.00	Nos	Terrace tiles 150mmx150mmx20mm		1000 Nos	
			Add wastage 10%			
	0.21	cu.m	Lime mortar 1:2		cu.m	
	4.30	Nos	Mason I class		1No	
	2.20	Nos	Mazdoor Class -I		1No	
	4.30	Nos	Mazdoor Class -II		1No	
	0.18	cu.m	UnSlacked Pollachi lime for heritage works		cu.m	
	10%	LS	Extra charges for slow nature of work executed during the night hours.		LS	
		LS	Water charges @ 1% of total value		LS	
	3.00	Kgs	Jaggary		1Kg	
	3.00	Kgs	Galnut		1Kg	
			Add sundries			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
43	Finishing the top of roof terrace tiles surface pointing with lime mortar 1:2 (one lime and two sand) mixed with polymer 2.50 Litre per 50kg of lime used including finishing the surface neatly. The rate is including cost of all material, labour charges, raked up the joints and finishing neatly etc complete complying with standard specifications and as directed by Departmental officers.					
			Data for 10 sq.m			
	0.04	cu.m	Lime mortar 1:2		cu.m	
	2.20	Nos	Mason 2nd class		Each	
	0.50	Nos	Mazdoor Category I		Each	
	1.10	Nos	Mazdoor Category II		Each	
	10%		Extra labour charges for slow nature of work executed during the night hours and for the pointing to be done first on transverse direction and second time on longitudinal direction and Lastly along periphery of tiles which is time consuming		LS	
		LS	Water charges @ 1% of total value		LS	
	LS		Provision for racking the joints of tiles receive lime plaster.		LS	
	1.44	lit	Synthetic Butadine Rubber (SBR) polymer		lit	
	LS		Provision for raking the joints of tiles and cleaning cloth etc		LS	
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
44	Paving the floor with best approved quality fine polished Granite Stone Slabs of size 1200 x 600 of 18 / 20mm thick of Jet Black with machine cut edges laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three sand) fixing the slabs with required cement slurry and laid in true right angles with minimum possible width of joints and pointing the joints with white cement mixed with matching colouring pigments etc., The granite stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification.					
	10.00	sq.m.	Fine Polished Granite Slab 1200 x 600 of 18 / 20mm thick of Jet Black		sq.m.	
	0.21	Cu.m	Cement Mortar 1:3		Cu.m	
	1.10	Nos.	Mason I Class		Each	
	2.70	Nos.	Mason II Class		Each	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	2.70	Nos.	Mazdoor Category I		Each	
	3.30	Nos.	Mazdoor II Class		Each	
	0.50	Nos.	Stone Cutter I Class		Each	
	14.00	Kg	Cement slurry		MT	
	0.50	Kg	Cotton Waste		Kg	
	4.00	Kg	Colour cement		1 Kg	
		LS	Water charges @ 1% of total value		LS	
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
45	Paving the floor with best quality Heritage pattern Cement tile of bharat tiles brand of size 254 x 254 mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three sand) 20mm thick in all floors and the top pointed with the white cement mixed same colour pigments etc., complete complying with standard specification. (The design of the tiles should be got approved by the Architect before use on works)					
	10.00	sq.m	Heritage Pattern Cement Tile & Handmade tile 200 x 200 x 20 mm including rate for polishing		sq.m	
	0.21	cu.m	Cement Mortar 1:3		cu.m	
	4.00	Kg	White cement mixed with colour pigments		Kg	
	1.20	Nos.	Mason I Class		Each	
	1.00	Nos.	Mason II Class		Each	
	0.50	Nos.	Stone Cutter I Class		Nos.	
	1.00	Nos.	Mazdoor Category I		Each	
	1.00	Nos.	Mazdoor II Class		Each	
	0.50	Kg	Cotton Waste		Kg	
		LS	Water charges @ 1% of total value		LS	
			Total for 10 sq.m			
			Rate for 1 sq.m.			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
46			Renewing and fixing of louvered shutters for windows of size 1.25x1.83m operable type by using well seasoned teakwood of superior quality and approved variety as per the original design and pattern instructed by the Engineer In Charge The window shutter is made of vertical styles of size 80mm x 30mm toprail, middle rail and bottom rail of size 80mm x 30mm , 150mm x 30mm, 80mm x 30mm respectively. The panels of window shutters is covered with teakwood planks as louvered type of size 150mm x 12mm of 7 nos. placed between top and lock rail and 7 nos. of louvered panels between lock and bottom rails. Therefore total number of louvered panels is 14 nos. in a single shutter and one number of teakwood scantling of size 35mm x 30mm in ornamental of existing style is provided of full height of louvered shutter for operating the louvered shutter including all necessary fittings brass/ steel hardwares like screws, nails, hinges, hooks, tower bolts, handles, aldrops of same design, size and weight, etc., complete. Necessary groove arrangements are made in the vertical style for fixing the louvered planks. Item to also include making all the mouldings and design of the panels as in the existing evidence. Item to include complete finishing of the shutters as directed by the departmental officers. The rate inclusive of cost of all teakwood materials, labour wrought and putup of window shutters, cost of all furniture fittings, labour charges for fixing the shutters in position etc., complete complying with standard specification.			
			Taking size of window 1.25x1.83 = 2.28Sq.m			
			Taking size of window shutter 1x2x0.52x1.70 = 1.77Sq.m			
			Shutter frame			
			Horizontal 2x2x0.52x0.08x0.03 = 0.005			
			Horizontal 1x2x0.52x0.15x0.03 = 0.005			
			Vertical 2x2x 1.70x0.08x0.03 = 0.016			
			Total =0.030			
			Shutter louver planks 25 mm thick			
			2x7x2x0.40x0.15x0.012 =0.020			
			T.w. scantling 1x2x1.70x0.035x0.025=0.003			
			Add 10% wastage = 0.002			
			Total 0.025Cu.m			
			Main data			
	0.030	cu.m	TW Scantling for shutters		cu.m	
	0.025	cu.m	TW planks		cu.m	
	1.77	sq.m	Labour charges for fixing windows along with frames in position etc., complete (SOR Unique code.No. W-0148)		sq.m	
	1.77	sq.m	10 % labour charges for chennai city		sq.m	
	LS.		Cost of nails fevicol			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4.00	Nos	Butt hinges (125 x 30 mm)		each	
	4.00	Nos	Brass Tower bolt (300x12 mm)		each	
	2.00	Nos	Brass Handle (200 mm)		each	
			Rate for 1.77 sq.m			
			Rate for 1 sq.m			
47	<p>Renewing and fixing teak wood panelled Door shutters openable type by using well seasoned teak wood of superior quality and approved variety as per the original design and pattern instructed by the Engineer in charge. The door shutter is made with two number of 120mmx40mm size vertical styles, top rail, lock rails and bottom rails of size 125mmx40mm, 250mm x 40mm, 170mmx40mm respectively. The door shutter panels is covered with teak wood planks of 25mm thick including all necessary fittings brass/ steel hardwares like screws, nails, hinges, hooks, tower bolts, handle, aldrops of same design, size etc complete. item to also include making all the mouldings and design of the panels as in the existing evidence. item to include complete finishing of the shutters as directed by the departmental officer. (The rate inclusive of cost of all teak wood materials, Labour wrought and putup of door frames and shutters, cost of all furniture fittings, labour charges for fixing in position etc., complete complying with standard specifications. (Two leaves)</p>					
			Taking size of door 1.80x2.85 m			
			Door Shutter size 2x0.77x2.70=4.16			
			Vertical -4x2.7x0.1x0.05 = 0.054			
			Horizontal -2x0.77x0.1x.05 =0.008			
			Horizontal -2x0.77x0.25x.05 0.019			
			Horizontal -2x0.77x0.15x.05 =0.012			
				0.09		
			10% wastage	0.01		
			Total	0.10		
			TW planks			
			1*2*0.71*0.64*0.025	0.05		
			panels			
			24*2*0.6*0.15*0.025	0.11		
			Total	0.16		
			Add 10 % wastage	0.02		
			Total	0.17		

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			TW Reepers required =2*1.8=3.6	3.60		
			10% wastage -	0.36		
				3.96	Rmt	
			Main data			
	0.10	cu.m	TW Scantling for shutters		cu.m	
	0.15	cu.m	TW planks		cu.m	
	3.96	R.m	TW Reepers (50x25 mm)		R.m	
	4.16	sq.m	Labour charges for fixing windows along with frames in position etc., complete (SOR Unique code No. W-0142)		sq.m	
	4.16	sq.m	10 % labour charges for chennai city		sq.m	
			Cost of nails fevicol			
	6	Nos	Butt hinges (125 x 30 mm)		each	
	4	Nos	Brass Tower bolt (300x12 mm)		each	
	1	No	Brass Aldrop (300x16 mm)		each	
	2	Nos	Brass Handle (200 mm)		each	
	2	Nos	Aluminium Door stopper		each	
					4.16 sq.m	
			Rate fo 1 sq.m			
					say	
48	Renewing and fixing of glazed ventilator with new Teak wood glazed ventilator of size 1.20m x 0.60m by using Teak wood scanting thickness of size 0.04m frames fixed with 4mm thick pin headed glass including labour for wrought put up and fixing the ventilator in position with necessary furniture fittings including with neat finishing etc., complete complying with standard specifications and as directed by the departmental officers.					
			Taking size of ventilator 1.20x0.60 = 0.72 sq.m			
			Frame			
			Horizontal 2x1.20 = 2.40 m			
			Verticle 3x0.60 = 1.80			
			Total 4.20 m			
			4.20 x 0.10 x 0.05 = 0.021Cu.m			
			Add 5% wastage = 0.001			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Total 0.022 Cu.m			
	0.022	cu.m	Teak wood frame		Cu.m	
	0.495	sq.m	4mm thick plain glass (1.10x0.45 = 0.495 Sq.m)		Sq.m	
	0.50	each	Carpenter I class		Each	
	0.50	each	Carpenter II class		Each	
	LS		Cost of nails fevical		LS	
	3.60	RM	Teakwood reepers 50mmx25mm		Rm	
			For fixing			
	0.72	sq.m	Labour charges for fixing ventilators along with frames in position etc., complete (SOR Unique code.No. W-0150)		Sq.m	
			Rate for 0.72 sq.m			
			Rate for 1 sq.m			
					say	
49	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc., with two coats of best approved first quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding cost of priming coat etc., complete complying with standard specification. (The make, quality and colour of paint should be got approved by the Executive Engineer before use on works.)					
	2.22	Litre	Ready mixed Enamel paint		Litre	
	1.10	Nos.	Painter I Class		Each	
		LS	Sundries for brushes, soap, putty, etc.			
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
50	Revarnishing with wood work with two coats of best melamine varnish of approved quality and brand including preparation of surface etc.. The rate is inclusive the cost of all material, labour charges and finishing neatly etc., complete compluing with standard specification and as directed by the departmental officers					
	1.00	sq.m	Cost of melamine varnish including labour SOR rate Unique code No. M-0425		sq.m	
51	Supplying & filling in foundation & basement with M-sand filling in layers not more than 15cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.					
	1.00	Cu.m	Cost of M-sand for filling		Cu.m	
	1.00	Cu.m	Refilling charges		Cu.m	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Rate for 1 Cu.m			
					say	
52	Strengthening of the brick foundation of the wall with similar type of bricks by the method of mending / under pinning/ grouting etc., as per the existing clues with lime mortar 1:2, (one of lime and two of sand) etc., including scooping out the eroded/ damaged brick and cleaning the surface etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 1 sq.m			
a			By using 50 Nos bricks in 1 sq.m of area			
			Labours for carefully scooping out the eroded/ damaged bricks			
	0.30	Nos.	Mazdoor I class		Nos.	
	LS		Hire charges for power tools			
			cost of coir Brush			
			Laour and material for mending/ under pinning/ grouting work			
	50.00	Nos.	Special Brick (Existing building brick size 8"x4"x2")		Nos.	
	0.05	cu.m	Lime mortar 1:2		cu.m	
	1.00	Nos.	Skilled Mason 1 class		Nos.	
	0.20	Nos.	Mazdoor class I		Nos.	
	0.25	Nos.	Mazdoor class II		Nos.	
		LS	Water charges @ 1% of total value		LS	
			Total			
			Rate for 1 sq.m			
b			By using 25 Nos bricks in 1 sq.m of area			
			Labours for carefully scooping out the eroded/ damaged bricks			
	0.200	Nos.	Mazdoor I class		Nos.	
			LS Hire charges for power tools			
			LS cost of coir Brush			
			Labour and materials for mending/ underpinning/ grouting work			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	25.000	Nos.	Special Brick (Existing building brick size 8"x4"x2")		Nos.	
	0.030	cu.m	Lime mortar 1:2		cu.m	
	0.700	Nos.	Skilled Mason 1 class		Nos.	
	0.300	Nos.	Mazdoor class I		Nos.	
	0.250	Nos.	Mazdoor class II		Nos.	
		LS	Water charges @ 1% of total value		LS	
			Total			
			Rate for 1 sq.m			
					say	
53	Laying Brick jelly lime concrete in lime mortar 1:2 (One lime and two brick jelly) (no sand to be added) using 20 mm gauge brick jelly for foundation, flooring including dewatering wherever necessary and laid in layers well rammed, consolidated etc., complete complying with standard specification and as directed by the departmental officers.					
	1.28	cu.m	Brick jelly 20mm		cu.m	
	0.5	cu.m	Lime (Pollachi)		cu.m	
	0.18	No	Mason I Class		No	
	1.77	Nos	Mazdoor Class I		No	
	1.41	Nos	Mazdoor Class II		No	
		LS	Water charges @ 1% of total value		LS	
			Rate for 1cu.m		cu.m	
54	Providing two legged scaffolding using 48.30mm dia heavy duty MS pipe over all height of 3.00m the distance between 2 legs being 1.25m and the spacing of the post being 2m in each rows and providing platform with C.W. planks using 40mm thick silver oak and 1.00m wide in complete form with horizontal bracings @ 1.50m c/c vertical direction and with cross bracings using same 48.30mm dia including cutting, threading assembly with red oxide primer, labour charges cost of specials such on large plate, shoe, carcher, coupling, bolt and nut transportation charges. The bottom of vertical post shall rest on 300x300x70mm 1:2:4 concrete base etc complete complying with standard specification and as directed by the departmental officers.					
a)			For Initial height of 3.00 m			
			SUB DATA			
			Specification of pipe (As per ISI)			
			Material	M.S Pipe Heavy		
			Outer Diameter	48.30mm		

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Inner Diameter	40.20mm		
			Inner Diameter	4.05mm		
			Surface area	1517 cm ² /m		
			Weight	4.43 kg/m		
			Area	5.63cm ²	cu.m	
			Details			
		A.	Concrete use-----2x4x0.30x0.3 0x0.075 =	0.054m ³		
		B.	C.W/Silver oak 40mm thick ---1x6x1.25x0.04 =	0.300m ³		
		C.	Pipes			
				Length	Cutting	Threading
			H(L)-----2x3x6m =	36.00	-	-
			S-----3x4x1.5m =	18.00	10.00	20.00
			[struttings]stiffness			
			V-----2x4x3m =	24.00	4.00	8.00
			Cross stiff---4x2x2.12m =	16.96	10.00	20.00
			4x2x2.5m =	20.00		
			Total	114.96	24.00	48.00
			Total weight--- 114.96m@4.43kg/m ² ----- -----	509.27		
			Add 5% extra for special such as coupling, bolt and nut etc.,	25.46		
				534.73		
			Sub Data			
			1:2:4 Plain Concrete			
	9.00	cu.m	Broken Stone Jelly 20 mm size		cu.m	
	4.50	cu.m	Cement Mortar 1:2		cu.m	
	1.80	Nos	Mason II Class		each	
	17.70	Nos	Mazdoor Category I		each	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	14.10	Nos	Mazdoor II Class		each	
		LS	Water charges @ 1% of total value		LS	
			Rate /10 cu.m			
			Rate /1 cu.m			
			Cement Mortar 1 : 2			
	720.00	Kg	Cement		MT	
	1.00	cu.m	Sand		cu.m	
	1.00	cu.m	Mixing charges		cu.m	
		LS	Water charges @ 1% of total value		LS	
			Primer one coat			
	1.44	Lit	Ready mixed primer		Lit	
	0.70	No	Painter I Class		each	
	LS		For brushes, soap, putty, etc			
					For 10 sq.m	
					For 1sq.m	
			Pipe data			
	534.73	Kg	Cost of pipe (Rate of steel / kg)		Kg	
	24.00	Nos	Cutting for 40mm pipe		each	
	48.00	Nos	Threading for 40mm pipe		each	
	17.24	sq.m	Priming coat		sq.m	
	0.054	cu.m	1:2:4 Plain Concrete		cu.m	
			D/F Scrap @ 10% 53.47 @ 10/ Kg			
					For 80Use	
					Rate / 1use	
			II C.W			
	0.30	cu.m	Cost of C.W Silver Oak		cu.m	
					For 10 use	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
					Rate/1use	
			III Labour			
	1.00	No	Fitter I Class		each	
	2.00	Nos	Mazdoor Category I		each	
A			Initial height of 3m of length			
			MAIN DATA			
	1.00	use	Cost of MS pipe		1 use	
	1.00	use	Cost of Wooden Planks		1 use	
	1.00	use	Labour		1 use	
	LS		Provision for handling charges			
					Total for 6 RM	
				Rate/ per Rm		
b)			For every additional 2.50m height			
		Pipes		Length	Cutting	Threading
		H(L)	2x2x6	24.00		
		S	2x4x1.50	12.00	6.00	16.00
		V	2x4x2.50	20.00	8.00	16.00
		Stiffness	4x2x1.95	15.60	12.00	24.00
		Stiffness	4x2x2.35	18.80		
			Total	90.40	26.00	56.00
			Total Weight: 90.4m x 4.43	400.47		
			Add 5% extra for special such as coupling bolt and nuts etc	20.02		
				420.49		
			Labour			
	1.00	Nos	Fitter I Class		each	
	2.00	Nos	Mazdoor Category I		each	
			Pipe Data			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	420.49	Kg	Cost of pipe (Rate of steel / kg)		Kg	
	26	Nos	Cutting for 40mm pipe		each	
	56	Nos	Threading for 40mm pipe		each	
	13.94	sq.m	Priming coat		sq.m	
			D/F Scrap @ 10% 42.05 @ 10/ Kg			
					For 80 use	
					Rate / 1use	
B			Every additional 2.50m height			
			Main Data			
	1.00	use	Cost of MS pipe		1 use	
	1.00	use	Labour		1 use	
	LS		Provision for handling charges			
			Total for 6 Rm			
			Rate / Rm			
55	Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height for plane surfaces as detailed below in all floors with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specificaiton. (Payment for centering shall be given after the concrete is laid)					
a			Plane surface such as Rcc floor slab, roof,slab,rectangular,square Tee or Ell beam, lintel, bed block staircase waist slab, landing slab, landing beam, portico beam, portico slab, etc.			
			Sub Data: 1			
			Cost of MS sheets and angles for each set:			
			Weight of MS sheets 10 gauge of size 90cm x 60cm x 3.175mm			
			$3.175 \times 7850 / 1000 \times 0.54 =$	13.46	Kg	
			Weight of MS angles of size 25cm x 25mm x 3mm:			
			$3.6 \times 1.1 \text{ kg / m} =$	4.00	Kg	
	13.46	Kg	Cost of MS sheets		Kg	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4.00	Kg	Cost of MS angles		Kg	
	LS		Add for cutting, bending, welding charges etc.		LS	
			Total for one set (A)			
			Sub Data: 2			
			Cost of MS sheets and angles and silver oak joists and casurina props for 1 sq.m.			
	19.00	Set	Cost of MS sheets and MS angles (as per A) (Adopting 40 uses)		Each	
			Total for 40 uses			
			Total for 1 use / sq.m. (B)			
	0.12	Cu.m	Cost of silver oak joists of size 10cm x 6.5cm		Cu.m	
	98.50	RM	Cost of casurina props 10 to 13cm dia.		RM	
			Total for 5 uses			
			(Adopting 5 uses for silver oak / country wood joists and casurina props			
			Total for 1 use / sq.m. (C)			
			Main Data for centering for 10 sq.m.			
	10.00	sq.m.	Cost of MS sheets and angles (B)		Each	
	10.00	sq.m.	Cost of silver oak joists and casurina props (C)		Cu.m	
		LS	Add for silver planks		LS	
	3.80	Nos.	Carpenter I Class		Each	
	5.40	Nos.	Mazdoor Category I		Each	
	1.00	No	Fitter II Class		Each	
		LS	Add for wedges, coils, nails, etc.,		LS	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
		LS	For periodical cleaning and painting of MS sheets & angles (5% of cost of sheet & angle)		LS	
			Total for 10 sq.m.			
			(or) say, Rate for 1 sq.m. (a)			
56	Providing additional strutting to centering of RCC slabs of plain surface for every additional 1.0 metre height or part thereof but not less than 30 cm, over the initial 3.00 metre height from floor level using casurina props of 10cm to 13cm dia including cross bracing etc., complete complying with standard specification and as directed by the department officers.					
	98.50	RM	Cost of casurina props for 5 uses		RM	
			Cost of materials for one use			
	0.30	Nos.	Carpenter I Class		Each	
	0.30	Nos.	Mazdoor Category I		Each	
			Add for nails, coirs, etc.,			
			Total for 10 sq.m.			
			Rate for 1 sq.m. per 3m height			
			Rate for 1 sq.m. / 1m height			
57	White washing three coats of inner walls/ceiling with freshly burnt white shell lime (Pollachi lime) in all floors including cost of lime, blue powder fevicol type gum, brushes, The rate inclusive of cost of all materials and labour charges etc., complete complying with standard specification and as directed by the departmental officers					
	0.09	cu.m	Fine screened shell lime		cu.m	
	2.20	Nos	Mason II Class		each	
	0.5	No	Mazdoor Category I		each	
	3.80	Nos	Mazdoor II Class		each	
	LS		Gum, Conjee, Water or Prickly pear juice, fire wood and brush etc			
	LS		Add extra labour for 15% for working high wall			
			Rate for 100 sq.m			
			Rate for 1 sq.m			
58	Painting two coats of ready mixed Exterior Emulsion Paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.					

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Data for 10 sq.m			
	1.40	Litre	Plastic emulsion paint		Litre	
	0.98	Litre	Primer		Litre	
	2.20	Nos.	Painter I Class		Each	
		LS	Sundries for brushes, sand paper, plaster of paris putty, etc.		LS	
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
59	Supplying and fixing in position of Shade Net (Green Net) using vertical protection for under construction / High-rise building. The net standard size is 3mx50m&5mx50m. The rate is inclusive cost of Agro Shade Net, binding wire (or) cable tie, Labour charges for fixing in position and neatly etc complete complying with standard specification and as directed by the departmental officers.					
	1	sq.m	Supplying and fixing in position of Shade Net (Green Net) as per SOR Rate Unique code.No. M-0298		sq.m	
60	Labour charges for supplying and fixing of hoisting machine by hire basis for lifting of all materials from ground to terrace and shifting of damaged unused materials from terrace to ground floor with necessary rope, heisting platform, motor, controller as per site requirement days etc., the rate is inclusive of hire charges for operating the machine and daily Bata and conveyance charges and dismantling and removing the same after completion of work etc complete of work etc complete with standard specification and as directed by the departmental officers.					
	1	Month	Rate as per SOR Unicode No. M-2293			
61	Construction of mortar pit of inner size 0.90mx0.45m with brick partition wall 11.50cm thick in cement mortar 1:3 (one cement and three sand) for 60 cm height with necessary earth work open excavation for size of 1.43m x 0.98m to a depth of 0.91m and sand filling for 15 cm thick, Plain Cement Concrete 1:5:10 (one cement, five sand and ten 40mm HBG stone jelly), 8 cm thick with plastering 1:5 (one cement and sand), 12mm thick on both sides and top etc.. complying with standard specification and as directed by the departmental officers					
			Eath work open excavation			
			1x1x1.43x0.98x0.91 = 1.28 M3			
			Sand filling			
			1x1x1.43x0.98x0.15 = 0.21 M3			
			PCC 1:5:10			
			1x1x1.43x0.98x0.08 = 0.11 M3			
			Brick partition wall			
			Long wall 1x2x1.13x0.60=1.36			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Short wall $1 \times 2 \times 0.45 \times 0.60 = 0.54$			
			Plastering 1:5, 12mm thick			
			Inner $1 \times 2 (0.90 + 0.45) \times 0.60 = 1.62$			
			Outer $1 \times 2 (1.13 + 0.68) \times 0.60 = 2.17$			
			Top $1 \times 2 \times 1.13 \times 0.12 = 0.27$			
			Top $1 \times 2 \times 0.45 \times 0.12 = 0.11$			
			Bottom $1 \times 1 \times 0.90 \times 0.45 = 0.41$			
			Total for plastering 1:5, 12mm =	4.58		
				Sq.m		
			Sub Data			
	1		Earth work open excavation			
	1.00	cu.m	Earth work excavation in ordinary soil		cu.m	
	0.33	cu.m	Refilling the sides of foundation with the excavated earth		cu.m	
			for 1 cu.m			
	2		Sand filling			
	1.00	cu.m	Cost of river sand		cu.m	
	1.00	cu.m	Refilling charges		cu.m	
			for 1 cu.m			
	3		Relaying Plain CC 1:5:10			
	9.00	cu.m	Broken Machine crushed stone jelly- 40mm size		cu.m	
	4.50	cu.m	Cement mortar 1:5		cu.m	
	1.80	Nos.	Mason IInd class		Nos.	
	17.70	Nos.	Mazdoor I Class		Nos.	
	14.10	Nos.	Mazdoor II Class		Nos.	
		LS	Water charges @ 1% of total value		LS	
			Sundries			
			for 10 cu.m			
			for 1 cu.m			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4		Brick Partition Wall			
	1300.00	Each	II class ground Moulded chamber burnt bricks of size 9" x 4 3/8" x 2 3/4"		1000	
	0.708	cu.m	Cement mortar 1:3		cu.m	
	1.00	Nos.	Mason I class		Nos.	
	3.00	Nos.	Mason IInd class		Nos.	
	2.00	Nos.	Mazdoor I Class		Nos.	
	6.00	Nos.	Mazdoor II Class		Kg	
		LS	Water charges @ 1% of total value		LS	
			for 2.83 cu.m			
			for 1 cu.m			
	1.15	cu.m	Brick Work in CM 1:3		cu.m	
	1.00	Each	Mason 1st Class		each	
			Rate for 10 sq.m			
			Therefore Rate for 1 sq.m			
	5		Plastering in cm 1:5 12mm,			
	0.14	cu.m	cement mortar 1 : 5		cu.m	
	1.1	Nos.	Mason I class		each	
	0.5	No	Mazdoor Category I		each	
	1.1	No	Mazdoor II Class		each	
		LS	Water charges @ 1% of total value		LS	
			Rate for 10 sq.m			
			Rate for 1 sq.m			
			MAIN DATA			
	1.28	cu.m	Earth work open excavation		cu.m	
	0.21	cu.m	Sand filling		cu.m	
	0.11	cu.m	PCC 1:5:10		cu.m	
	1.90	Sq.m	Brick partition wall (Ground floor)		Sq.m	
	4.58	Sq.m	Plastering 1:5, 12mm thick		Sq.m	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Add sundries			
			Rate for 1 No.			
					say	
62	Renewing the damaged ornamental cornice around the outer wall cornice portion as per existing style and clues to a height of 0.25m with top and bottom width of 0.28m and 0.08m respectively including removing the brick work and redoing the brick work in lime mortar 1:2 (one of lime and two of sand) and plastering with lime mortar 1:2 (one of lime and two of sand) 30mm thick laid in two layers and finishing with lime mortar 1:1.5 (one lime and one and half sand) 6mm thick (Theeravai) using Pollachi lime in all floors etc., complete complying with standard specification and as directed by the departmental officers.					
			DATA for 1RM			
	70.00	Nos.	Special Bricks 8"x4"x2"		1000 Nos.	
	0.03	cu.m	Lime mortor 1:2 ,20 mm thick		cu.m	
	1.00	No	Sthapathy mason		No	
	0.20	No	Skilled Mason I Class		No	
	0.20	No	Mazdoor Category I		No	
	0.20	No	Mazdoor II Class		No	
	0.71	sq,m	Base Plastering		sq,m	
	0.71	sq,m	Theervai Plastering		sq,m	
		LS	Water charges @ 1% of total value		LS	
		LS	Sundries			
			Rate for 1 RM			
63	Supplying and fixing MS grills for doors, windows and ventilators of approved design and as directed by the departmental officers including cost of MS grills labour charges and cost of one of red oxide primer coat etc., complete complying with std. specification.					
	1.00	kg	Mild steel grill for windows and ventilators including one priming coat (SOR Unique code NO.M-0196)		kg	
	1.00	kg	Labour charges for fixing (SOR Unique code NO.M-0168)		kg	
			Rate for 1 kg			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
64			Providing pest control with antitermite treatment drilling holes at junction of walls with floors at 300mm intervals and injecting chemical emulsion on those with cement etc. making holes along the vertical surface out side the walls at 150mm intervals to the depth of 450mm pointing chemical emulsion into the holes and closing holes with chemical etc. spraying all surface of treatment is to be done as per IS code no:5313/ Part III 1981 with approved chemical.(The chemical is to be used on the work should be got approved by the Executive Engineer before use on work) etc complete complying with standard specification and as directed by the departmental officers.			
			Rate as per approved PAR		sq.m	
65			Providing temporary barricading arrangements around the site using PPGI sheet of 0.47mmthick shall be fixed in the frame for made out of required height using 50mmx50mm x2.60mm square MS tubes vertical strut placed and Horizontal 32mmx32mmx2.60mm thick M.S. tubes at 1.20m interval with necessary screws and welding including cost of conveyance of all required materials to work site, erecting work, cost of J- bolts washers, cement concrete bed 45cmx45cmx90cm in Plain Cement concrete 1:2:4 and including labour charges etc complete., The barricading arrangements are made to prevent the entry of public into the site is very dangerous due to the fallen roof with necessary door arrangements for staffs and labour etc.,complete and as directed by the departmental officers. [The barricade will remain in the same location till the completion of the project and No additional charges shall be paid for the extended period of contract]			
	1.00	Sq.m	Rate as per sanctioned Rate vide CER.No. 398 /2020-2021 for 1 sq.m - Rs. /-		Sq.m	
				For 1 sq.m		
66			Collecting and disposing the stacked and dumped materials like office old damaged unservicable Printing machineries, damaged and decayed wooden partitions, and office furnitures and conveyance for the inside of the building (Ground floor, First Floor) to shifted the inside of the building campus used specialized labour by head load with necessary preventive and precautionary measures with helmet, safety belts and ropes and necessary scaffolding arrangements for high wall height of the building 6.30m the waste materials are conveyed by Tipper lorries with help of JCB as on required including hire charges for (JCP and Tipper) including Labour charges for head load conveyance etc complete complying with standard specification and as directed by the departmental officers.			
	1.00	Trip	Rate as per sanctioned Rate vide CER.No. 398 /2020-2021		Trip	
				For Trip		
67			Collecting the scattered debris from the campus and conveying away the same to outside by lorry to a lead of 6km including loading and unloading charges and dumping in low places and leveling etc., Complete complying with standard specification and as directed by the departmental officers.			
			Data For 1M3			
	1.00	cu.m	Conveyance charges for 6KM		cu.m	
	1.00	cu.m	Loading and Unloading charges		cu.m	
				For 1 cu.m		
			Rate for 1 cu.m = Rs.157.20			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
68	Relaying of flooring with new Athangudi tiles of size 25.4 cm x 25.4 cm x 1.90 cm (10"x10"x3/4") with Cement mortar 1:2 (One of lime and two of sand) 20mm thick base mortar using Pollachi lime in all floors over the existing slab / floor wherever necessary, laying in position and pointing with lime mixed with colouring pigment at the rate of 0.3 Kg. / sq.m. etc., complete complying with standard specification as per directed by the departmental officers. (The make and brand of the tiles should be got approved by the Executive Engineer before use on works)					
			Pointing data			
	22.00	kg	Colour cement		kg	
	1.60	Nos.	Mason class II		Each	
	0.50	Nos.	Mazdoor class I		Each	
	1.10	Nos.	Mazdoor class II		Each	
		LS	Water charges @ 1% of total value		LS	
			Total			
			Main data			
	160.00	No	Athangudi tiles of size 25.4 cm x 25.4 cm x 1.90 cm (10"x10"x3/4")		1000Nos	
	0.21	Cu.m	Cement mortar 1:2		cu.m	
	10.00	sq.m	Pointing		10 sq.m	
	1.10	Nos.	Skilled Mason I class		Each	
	2.70	Nos.	Skilled Mason 2nd class		Each	
	2.70	Nos.	Mazdoor 1nd class		Each	
	3.30	Nos.	Mazdoor II Class		Each	
	0.50	Kg	Cotton Waste		Kg	
		LS	Water charges @ 1% of total value		LS	
			Rate for 10 sq.m.			
			Rate for 1 sq.m.			
69	Paving the floor with best approved quality fine polished Kota stone slabs of size 600 x 600 of 18 / 20mm with machine cut edges and matching marble slab not less than 100mm width other than Adanga Marbles as border laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three sand) fixing the slabs in true right angles with minimum possible width of joints and pointing the joints with white cement mixed with matching colouring pigments and polishing with floor polisher to a high degree of finish etc., The kota stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification.					

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
A			Using Fine polished Kota Stone Slab above 600 x 600 of 18 / 20mm size (Observed Data)			
	10.00	sq.m.	Fine polished Kota Stone Slab above 600 x 600 of 18 / 20mm size		sq.m.	
	0.21	Cu.m	Cement mortar 1:3		Cu.m	
	1.10	Nos.	Mason I Class		Each	
	2.70	Nos.	Mason II Class		Each	
	2.70	Nos.	Mazdoor Category I		Each	
	3.30	Nos.	Mazdoor II Class		Each	
		LS	Cement slurry		LS	
	4.00	Kg	Colour cement		Kg	
		LS	Water charges @ 1% of total value		LS	
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
70	Paving the floor with fine polished cuddapah stone slab of 38 / 40mm thick laid over Cement Mortar 1:3 (One Cement and Three Sand) 20mm thick over the existing bed of Cement Concrete 1:5:10, (One Cement, Five Sand and Ten aggregate) and pointing the joints to full depth of slabs with same mortar mixed with black oxide and the top surface rendered smooth, curing, etc., The cuddapah stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete complying with standard specification.					
			Sub-Data for Pointing			
	0.01	Cu.m	Cement mortar 1:3		Cu.m	
	1.60	Nos.	Mason II Class		Each	
	0.50	Nos.	Mazdoor Category I		Each	
	1.10	Nos.	Mazdoor II Class		Each	
		LS	Water charges @ 1% of total value		LS	
		LS	Add for black oxide		LS	
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
			MAIN DATA			
	10.50	sq.m.	Cuddapah Slab 38 / 40mm thick		sq.m.	
	0.21	Cu.m	Cement Mortar 1:3		Cu.m	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	10.00	sq.m.	Pointing with CM 1:3		sq.m.	
	1.10	Nos.	Mason I Class		Each	
	2.10	Nos.	Mason II Class		Each	
	2.20	Nos.	Mazdoor Category I		Each	
	1.10	Nos.	Mazdoor II class		Each	
		LS	Water charges @ 1% of total value		LS	
			Total for 10 sq.m.			
			Rate for 1 sq.m.			
71	<p>Renewing and fixing the 1/3rd panelled and 2/3rd louvered door shutter Two wings openable type by using well seasoned teakwood of superior quality and approved variety as per the original design and pattern instructed by the Engineer In Charge. The door shutters is made with 1/3rd panelled shutters at bottom and 2/3rd louvered panels at top. The door shutter is made with two number of 75mm x 40mm size vertical styles, top rail, lock rails and bottom rail of size 100mm x 35mm , 200mm x 35mm, 120mm x 35mm respectively. The bottom 1/3rd portion of door shutter panels is covered with teakwood planks of 35mm thick and top 2/3rd portion of the shutter panels is covered with teakwood louvered planks of size 170mm x 20mm of 12 Nos.for each leaves and one number of teakwood scantling of size 35mm x 30mm in ornamental of existing style is provided of full height of louvered shutter for operating the louvered shutter including all necessary fittings brass/ steel hardwares like screws, nails, hinges, hooks, tower bolts, handles, aldrops of same design, size and weight,etc., complete. Item to also include making all the mouldings and design of the panels as in the existing evidence. Item to include complete finishing of the shutters as directed by the departmental officers. (The rate inclusive of cost of all teakwood materials, labour wrought and putup of door frames and shutters , cost of all furniture fittings, labour charges for fixing in position etc., complete complying with standard specifications (four leaves).</p>					
			Taking size of door 1.53x2.40m			
			Door Shutter size 4x0.35x2.28= 3.19			
			Vertical -4x2x2.28x0.07x0.035 = 0.045			
			Horizontal -4x2x0.35x0.10x0.035 = 0.010			
			Horizontal -4x2x0.35x0.12x0.035 = 0.012			
			Horizontal -4x2x0.35x0.20x0.035 = 0.020			
					0.087	
			10% wastage		0.009	
			Total		0.096	cu.m
			TW planks			
			1*4*0.23*0.73*0.035		0.023	
			panels			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			12*4*0.22*0.17*0.02		0.040	
			4*1.5x0.035x0.035		0.010	
			10% wastage		0.007	
					0.080	
			Main data			
	0.096	cu.m	TW Scantling for shutters		cu.m	
	0.080	cu.m	TW planks		cu.m	
	3.19	sq.m	Labour charges		sq.m	
	3.19	sq.m	10 % labour charges for chennai city		sq.m	
			Cost of nails fevicol			
	12.00	Nos	Butt hinges (125 x 30 mm)		Nos	
	8.00	Nos	Brass Tower bolt (300x12 mm)		Nos	
	1.00	No	Brass Aldrop (300x16 mm)		No	
	4.00	Nos	Brass Handle (200 mm)		Nos	
	4.00	Nos	Aluminium Door stopper		Nos	
			Rate for 3.19 sq.m			
			Rate for 1.00 sq.m			
72	<p>Renewing and fixing 1/3rd panelled and 2/3rd glazed door shutter by using well seasoned teakwood of superior quality and approved variety as per the original design and pattern instructed by the Engineer In Charge. The door shutters is made with 1/3rd panelled shutters at bottom and 2/3rd glazed shutter at top. The door shutter is made with two number of 75mm x 35mm size vertical styles, top rail, lock rails and bottom rail of size 80mm x 35mm , 200mm x 35mm, 120mm x 35mm respectively. The bottom 1/3rd portion of door shutter panels is covered with teakwood planks of 35mm thick and top 2/3rd portion of the shutter panels is covered with 4mm thick plain glass. The 4mm thick plain glass is fixed with teakwood reapers of size 35mm x 30mm on both sides so as to divide the glass panels as 5 parts. Item to also include making all the mouldings and design of the panels as in the existing evidence. Item to include complete finishing of the shutters as directed by the departmental officers. (The rate inclusive of cost of all teakwood materials, labour wrought and put up of door shutters, cost of all furniture fittings, cost of 4mm thick plain glass, labour charges for fixing the shutters in position etc., complete complying with standard specifications.</p>					
			Taking size of door 1.53x2.40m			
			Door Shutter size 4x0.35x2.28= 3.19			
			Vertical -4x2x2.28x0.07x0.035 = 0.045			
			Horizontal -4x2x0.35x0.10x0.035 = 0.010			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Horizontal -4x2x0.35x0.12x0.035 = 0.012			
			Horizontal -4x2x0.35x0.20x0.035 = 0.020			
					0.087	
			10% wastage		0.009	
			Total		0.096	cu.m
			TW planks			
			1*4*0.23*0.73*0.035		0.023	
			10% wastage		0.002	
			Total		0.025	cu.m
			TW Reepers required			
			2x4x1.28 =10.24			
			2x4x0.25 = 2.00			
			4x2x4x0.25=8.00		20.240	
			10% wastage		2.024	
			Total		22.264	RM
			4mm thick plain glass required 1x4x0.25x1.28=1.28			
			10% wastage		=0.13	
				=1.40	1.400	sq.m
			Main data for 3.19 sq.m			
	0.096	cu.m	TW Scantling for shutters		cu.m	
	0.025	cu.m	TW planks		cu.m	
	22.264	RM	T.W. reepers (50x25mm)		cu.m	
	3.19	sq.m	Labour charges		sq.m	
	3.19	sq.m	10 % labour charges for chennai city		sq.m	
	1.400	sq.m	4mm thick plain glass		sq.m	
	LS		Cost of nails fevicol			
	12.00	Nos	Butt hinges (125 x 30 mm)		Nos	
	8.00	Nos	Brass Tower bolt (300x12 mm)		Nos	
	1.00	No	Brass Aldrop (300x16 mm)		No	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4.00	Nos	Brass Handle (200 mm)		Nos	
	4.00	Nos	Aluminium Door stopper		Nos	
			Rate for 3.19 sq.m			
			Rate for 1.00 sq.m			
73	Making, supplying and fixing of panelled window of size 1.65x2.10m with Teak wood window shutter is made with two number of 75mmx35mm size vertical styles, top rail, lock rails and bottom rail of size 80mmx35mm, 200mmx35mm, 129mmx25mm respectively . The window shutter panels is covered with teak wood planks of 35mm thick including all necessary fittings brass/steel hardwareas like screws, nails, hinges, hooks, tower bolts, handle, aldrops of same design, size etc complete. item to also include making all the mouldings and design of the panels as in the existing evidence. item to include complete finishing of the shutters as directed by the departmental officer. (The rate inclusive of cost of all teak wood materials, Labour wrought and putup of door frames and shutters, cost of all furniture fittings, labour charges for fixing inposition etc., complete complying with standard specifications).					
			Taking size of window 1.65x2.10 = 3.46 Sq.m			
			Shutter frame			
			Harizondal 2x2x0.80 = 3.20m			
			Verticle 2x2x2.00 = 8.00			
			Total 11.20m			
			11.20x0.20x0.05 = 0.112 Cu.m			
			Add 5% wastage = 0.006			
			Total 0.118 Cu.m			
			Shutter planks 25 mm thick			
			2x2x0.33x1.16 = 0.72 Sq.m			
			0.76x0.025 = 0.019 Cu.m			
			Add 5% wastage = 0.001			
			Total 0.020 Cu.m			
			Main data			
	0.12	cu.m	TW Scantling for shutters		cu.m	
	0.02	cu.m	TW planks		cu.m	
	3.46	sq.m	Labour charges		sq.m	
	LS.		Cost of nails fevicol			
	4.00	each	Butt hinges (125 x 30 mm)		each	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4.00	each	Brass Tower bolt (300x12 mm)		each	
	2.00	each	Brass Handle (200 mm)		each	
				3.46 sq.m		
			Rate fo 1 sq.m			
74	Renewing and fixing fully glazed shutters for windows openable type by using well seasoned teakwood of superior quality as per the original design and pattern instructed by the Engineer In Charge. The window shutter is made of vertical styles of size 80mm x 30mm. Both top and bottom rail is of size 80mm x 30mm. The window shutter panels is covered with 4mm thick plain glass which is fixed with teakwood reepers scantling of size 35mm x 30mm on both sides and the glass panel is divided into 6 parts. Item to also include making all the mouldings and design of the panels as in the existing evidence. Item to include complete finishing of the shutters as directed by the departmental officers.(The rate inclusive of cost of all teakwood materials, labour wrought and putup of door shutters, cost of all furniture fittings, cost of 4mm thick plain glass, labour charges for fixing the shutters in position etc., complete complying with standard specifications)					
			Taking size of window 1.65x2.10 = 3.46 Sq.m			
			Shutter frame			
			Harizondal 2x2x0.80 = 3.20m			
			Verticle 2x2x2.00 = 8.00			
			Total 11.20m			
			11.20x0.20x0.05 = 0.112 Cu.m			
			Add 5% wastage = 0.006			
			Total 0.118 Cu.m			
			4 mm thick plain glass			
			1.6*2.1		3.36	
			Add 10% wastage		0.34	
			Total		3.70	
			Reepers 50x25 mm required			
			7*2*1.6		22.40	
			4*2*2.1		16.80	
					39.20	
			Add 10% wastage		3.92	
			Total		43.12	
			Main data			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.118	cu.m	TW Scantling for shutters		cu.m	
	43.12	R.m	Teakwood reepers 50mmx25mm		R.m	
	3.70	sq.m	4 mm thick plain glass		sq.m	
	3.20	sq.m	Labour charges		sq.m	
		LS	Cost of nails fevicol		LS	
	4.00	Nos	Butt hinges (150x 30 mm)		Nos	
	4.00	Nos	Tower bolt (300x12 mm)		Nos	
	2.00	Nos	Handle (200 mm)		Nos	
			Rate for 3.46 sq.m			
			Rate for 1 sq.m			
75	Providing colour glass panes with Mughal Emperor pattern Hitching ornamental jaffri work 4mm thick glass panes for fixed arch portion top of door (Heritage pattend doors) of approved quality including fixing in position with TW beading all round the glass panes with nails etc., complete complying with standard specification and as directed by the departmental officers.					
			Data for 1 sq.m			
	1.00	sq.m	Colour glass panes with Mughal Emperor pattern Hitching ornamental jaffri work 4mm thick		Sq.m	
	0.10	sq.m	Wastage		Sq.m	
	4.00	Rm	TW reeper 50mmx25mm		Rm	
	0.25	Nos.	Carpenter I class		Each	
			sundries for nails , fevicol etc.,			
			Rate for 1 sq.m.			
76	Labour wrought and put up in position of frames inclusive of fixing holdfast for doors, windows and ventilators etc etc., complete complying with standard specification and as directed by the departmental officers.					
	1.00	cu.m	Rate as per Standard Schedule of rates Unicode No. W-0141		cm	
			Rate for 1 cu.m			
77	Providing Teak wood planks wooden flooring using with 30mm thick 0.15cm wide Teak wood planks fixed with teak wood beading by making 0.025m grooves including the cost of making grooves cost of beading and fixing with necessary screws including cost of all materials and labours etc complete complying with standard specifications.					
			Consider size 1.00 x 1.00 = 1.00 sq.m			
			Teak wood planks = 1.00x1.00x0.033 =0.033 cu.m			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Teak wood beading = 7 Nos x1.00 = 7RM for 1sq.m			
			Data for 1 sq.m			
			Labour for wrought and put up (sub data)			
	4.50	Nos	Carpenter I		each	
	13.20	Nos	Carpenter II		each	
	8.80	Nos	Mazdoor 1st class		each	
			Main data			
	0.033	cu.m	Cost best quality of teak wood		cu.m	
	0.033	cu.m	Labour for wrought and put up		cu.m	
	7.00	RM	Teak wood beeding 25mmx12mm		RM	
	LS..		Cost of screws , nails and fevicol etc.,		LS	
			Rate for 1sq.m		sq.m	
78	Renewing and fixing in position of well seasoned superior quality of teakwood planks of size 300mm x20mm to a required length including fixing the planks in the ceiling of Mangalore tiled roofing or wherever necessary with screws, nails, etc., complete complying with standard specification and as directed by the departmental officers.(The rate includes the cost of teakwood planks, wrought and putup of teakwood planks, fixing the teakwood planks in position and cost of all nails, screws, etc.,)					
			Data for 1 sq.m			
	0.022	cu.m	TW Planks including wrought & putup of size 300mm x 20mm		cu.m	
	31.00	Nos.	40mm long screws		Nos.	
	0.22	Nos.	Carpenter class I		Nos.	
	0.43	Nos.	Carpenter class II		Nos.	
	0.54	Nos.	Mazdoor class I		Nos.	
			Sundries			
			Rate for 1 Sq.m			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
79			Renewing the damaged teak wood ornamental hand rail in stair case and verandha portion with superior quality of teak wood and kadasal work in all the members, the top member of size 8 x 6 cm with curved surface, in bottom member of size 10 x 8 cm, the internal vertical supports are 6.5 x 6.5 cm, the internal bracing and design members of side with 2.50 x 2.50 cm with complete kadasal works, the rate inclusive of cost teak wood, skilled labour charges, necessary screws, nails, etc., complete complying with standard specification as directed by the departmental officers.			
			Consider size 3.00 x 0.80 = 2.40 Sq.m			
	A		Teak wood members			
		a	Teak wood member 8 x 6 cm			
			In top hand rail 1 x 1 x 3.00 x 0.08 x 0.08 =	0.0192		
			Add 10% wastage	0.0019		
			Total	0.0211	cu.m	
		b	Teak wood member 3.50 x 3.50 cm			
			Below top hand rail 1 x 1 x 3.00 x 0.035 x 0.035 =	0.0037		
			Add 10% wastage	0.0004		
			Total	0.0040	cu.m	
		c	Teak wood member 10 x 8 cm			
			In bottom member 1 x 1 x 3.00 x 0.10 x 0.08 =	0.024		
			Add 10% wastage	0.0024		
			Total	0.0264	cu.m	
		d	Teak wood member 6.5 x 6.5 cm			
			In internal vertical support 1 x 4 x 0.80 x 0.065 x 0.065 =	0.0135		
			Add 10% wastage	0.0014		
			Total	0.0149	cu.m	
		e	All internal design members 2.5 x 2.5 cm			
			In cross bracing 3 x 2 x 1.28 x 0.025 x 0.025 =	0.0048		
			In inner rectangles 3 x 2 x 0.50 x 0.025 x 0.025 =0.0019 3 x 2 x 0.40 x 0.025 x 0.025 =0.0015	0.0034		
			Add 10% wastage	0.0008		

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Total	0.0090	cu.m	
			Total quantity (a+b+c+d+e) =	0.0754	cu.m	
	B		Kadasal Works			
		a	In top hand rail 1 x 1 x 3.00 =	3.00		
		b	In vertical members 1 x 4 x 0.80 =	3.20		
		c	All internal design members			
			In cross bracing 3 x 2 x 1.28 =	7.68		
			In inner rectangles 3 x 2 x 0.50 =3.00 3 x 2 x 0.40 =2.40	5.40		
			Total quantity (a+b+c) =	19.28	Rm	
			Main data for 2.40 sq.m			
	0.0754	cu.m	Cost of teak wood including wrought & putup		cu.m	
	19.28	Rm	Kadasal works		Rm	
	10.00	Nos	Capenter I Class		No	
	15.00	Nos	Carpenter II class		No	
	10.00	Nos	Mazdoor Category I		No	
	0.50	Kg	Nails & screws		kg	
	1.00	kg	Fevicol		kg	
	LS		Provision for lifting, drilling, etc.,			
			Rate for 2.40 sq.m=			
			Rate for 1.00 sq.m=			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
80			Making, supplying and fixing of wooden balcony of size 3.50 x3.20m with louvered window shutters with wooden plank roof (sunshade) with Teakwood wrought & putup for joist, beam, rafters and purlins, ornamental capital etc., which are in full length new member placed for supporting the wooden balcony any other area in all floor as directed by the departmental officers by using well seasoned superior quality and approved variety of teakwood for heritage building work including fixing of iron holdfasts and making necessary size holes in the masonry to receive the ends of wooden joists, beams, etc., all fixtures and fastenings etc., complete. Item to include all moulding and chamber to be made as per original design and making and fixing of louvered shutters for windows openable type by using well seasoned teakwood of superior quality and approved variety as per the original design ,the window shutter is made of vertical styles of size 80mm x 30mm top rail, middle rail and bottom rail of size 80mm x 30mm , 150mm x 30mm, 80mm x 30mm respectively. The panels of window shutters is covered with teakwood planks as louvered type of size 150mm x 12mm of 7 nos. placed between top and lock rail and 7 nos. of louvered panels between lock and bottom rails. Therefore total number of louvered panels is 14 nos. in a single shutter and one number of teakwood scantling of size 35mm x 30mm in ornamental of existing style is provided of full height of louvered shutter for operating the louvered shutter including all necessary fittings brass/ steel hardwares like screws, nails, hinges, hooks, tower bolts, handles, aldrops of same design, size and weight, etc., complete. Necessary groove arrangements are made in the vertical style for fixing the louvered planks. Item to also include making all the mouldings and design of the panels as in the existing evidence of the balcony etc., and making Teak wood grill of size 930mmx900m and 40mm thickness with jaffri work in the bottom of the balcony and top of the roof and bottom wooden flooring using with T.W. planks width 150mm and thickness 25mm and fixing inposition in first floor level as per the existing evidence and style including carving ornamental capital and Corridor roof of balcony planks of size 4.10x0.15m of 20 Nos T.W planks with size 0.15m and fixing inpoition and painting with Synthetic Enamel paint over priming coat etc to include complete finishing work of the balcony as directed by the departmental officer . The rate inclusive of cost of all teakwood materials, labour wrought and putup of window shutters, Labour charges for placing and carving of ornamental capital and wooden grill , Labour provision fixing of balcony over the 1st floor level on outer wall cost of all furniture fittings an hold fast etc., complying with standard specifications.			
			Size of balcony 3.50 x 3.20			
	1		Wood required for making of balcony			
			Pillar teak wood 4x1x3.50x0.10x0.10 = 0.140			
			Cross bottom of middle 2x1x3.2x0.10x0.10 = 0.064			
			Above piller beam 1x1x4.20x0.13x0.10 = 0.055			
			Crossbeam4x1x1.10x0.13x0.10 = 0.057			
			Josits 18x1x1.40x0.10x0.105 = 0.126			
			Josits supporting beam 1 x 1 x 4 . 2 0 x 0 . 1 0 x 0 . 0 7 5 = 0.009			
			Cross 2x1x1.10x0.10x0.075 = 0.016			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Window side frame 2x2x1.89x0.10x0.05 = 0.038			
			Horizontal 2x2x0.50x0.10x0.05 = 0.010			
			Ornamental capital 4x3x0.40x0.35x0.10 = 0.168			
			Total = 0.683			
			Wastage = 0.068			
			Total = 0.751			
	2		T.W reeper 50x25mm bottom grill frame			
			1x5x3.46 (0.93+0.93+0.80+0.80=3.46) = 17.30			
			Wastage 10% = 1.73			
			Total = 19.03Rm			
	3	A	Planks 25mm thick			
			Corridor roof of balcony planks=1x 20x4.10x0.15=12.30			
			Corridor roof of balcony two side planks= 1x2x0.65x0.15=0.20 1x 2x0.60x0.15=0.18 1x2x0.0.55x0.15=0.17 1x2x0.50x0.15=0.15 1x2x0.45x0.15=0.14 1x2x0.40x0.15=0.12 1x2x0.35x0.15=0.11 Total =1.07			
			Bottom planks 1x4x3.70x0.15 = 2.22			
			Total = 12.30+1.07+2.22= 15.59x0.025 = 0.390 + wastage10% = 0.039 =0.429 cu.m			
			Total = 0.429Cu.m			
		B	T.W. Grill for Planks 40mm thick			
			1 x 5 x 0.93 x 0.90 = 4.19 sq. mx0.040=0.168 cu.m			
			T.W. planks total = A+B = 0.429+0.168 = 0.597			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	4		T.W. louvered window			
			1x6x0.93x0.95 =5.30			
			1x2x0.60x1.90 =2.28			
			Total =7.58sq.m			
	5		Painting the new wood work over priming coat jaffri work			
			Front side 1x1x3.50x 2.00x3.20 = 22.40			
			Sides 2x1x3.50x2.00x0.60 = 8.40			
			Bottom 1x1x3.20x2.00x0.60 = 3.84			
			Top roof 1x1x3.50x2.00x2.00 = 14.00			
			Total = 48.64Sq.m			
			Main Data for 1 No.			
	0.751	cu.m	Teak wood rafters		cu.m	
	19.03	RM	Teak wood reepers 50 x 25mm		RM	
	0.597	cu.m	Teak wood planks		cu.m	
			Labour charges for placing and carving of ornamental capital and wooden grill			
	20.00	Nos	Carpenter I class		Nos	
	15.00	Nos	Carpenter II class		Nos	
	2.00	kg	Cost of nails		LS	
	5.00	kg	Cost of fevical		LS	
			Labour provision fixing of balcony over the 1st floor level on outer wall			
	2.00	Nos	Carpenter I class		Nos	
	5.00	Nos	Mazdoor 1st class		Nos	
	LS	LS	Cost of mortar		LS	
	7.58	sq.m	T.W. louvered window		sq.m	
	16.00	Nos	Hold fasts 200mm length		Nos	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	24.00	Nos	Butt hinges (125 x 30 mm)		Nos	
	24.00	Nos	Brass Tower bolt (300x12 mm)		Nos	
	48.64	sq.m	varnishing the wooden balacony		sq.m	
	LS	LS	Sundries for sand papper etc		LS	
			Rate for 1 No			
81	<p>Making, supplying and fixing of wooden balcony of size 3.50 x3.20m with out window shutter with Teakwood wrought & putup for joist, beam, rafters and purlins, ornamental capital etc., which are in full length new member placed for supporting the wooden balcony any other area in all floor as directed by the departmental officers by using well seasoned superior quality and approved variety of teakwood for heritage building work including fixing of iron holdfasts and making necessary size holes in the masonry to receive the ends of wooden joists, beams, etc., all fixtures and fastenings etc., complete. as per original design and necessary groove arrangements are made in the vertical style for fixing the louvered planks for wooden sunshade and also include making all the mouldings and design of the panels as in the existing evidence of the balcony etc., and making Teak wood grill of size 930mmx900m and 40mm thickness with jaffri work in the bottom of the balcony and top of the roof and bottom wooden flooring using with T.W. planks width 150mm and thickness 25mm and fixing in position in first floor level as per the existing evidence and style including carving ornamental capital and painting with Synthetic Enamel paint over priming coat etc to include complete finishing work of the balcony as directed by the departmental officer . The rate inclusive of cost of all teakwood materials, labour wrought and putup of window shutters, Labour charges for placing and carving of ornamental capital and wooden grill , Labour provision fixing of balcony over the 1st floor level on outer wall cost of all furniture fittings an hold fast etc., complying with standard specifications.</p>					
			Size of balcony 3.50 x 3.20			
	1		Wood required for making of balcony			
			Pillar teak wood 4x1x3.50x0.10x0.10 = 0.140			
			Cross bottom of middle 2x1x3.2x0.10x0.10 = 0.064			
			Above piller beam 1x1x4.20x0.13x0.10 = 0.055			
			Cross beam 4x1x1.10x0.13x0.10 = 0.057			
			Josits 18x1x1.40x0.10x0.105 = 0.126			
			Josits supporting beam 1x1x4.20x0.10x0.075= 0.009			
			Cross 2x1x1.10x0.10x0.075 = 0.016			
			Window side frame 2x2x1.89x0.10x0.05 = 0.038			
			Horizontal 2x2x0.50x0.10x0.05 = 0.010			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Ornamental capital 4x3x0.40x0.35x0.10 = 0.168			
			Total = 0.683			
			Wastage = 0.068			
			Total = 0.751			
	2		T.W reeper 50x25mm bottom grill frame			
			1x5x3.46(0.93+0.93+0.80+0.80=3.46) = 17.30			
			Wastage 10% = 1.73			
			Total = 19.03Rm			
		A	Bottom planks 1x4x3.70x0.15 = 2.22			
			Total = 12.30+2.22=14.52x0.025 = 0.363 + wastage10% = 0.036 =0.399 cu.m			
			Total = 0.399Cu.m			
		B	T.W. Grill for Planks 40mm thick			
			1 x 5 x 0.93 x 0.90 = 4.19 sq. m x 0.040 = 0.168 cu.m			
			T.W. planks total = A+B = 0.399+0. = 0.567			
	3		Painting the new wood work over priming coat jaffri work			
			Front side 1x1x3.50x 2.00x3.20 = 22.40			
			Sides 2x1x3.50x2.00x0.60 = 8.40			
			Bottom 1x1x3.20x2.00x0.60 = 3.84			
			Total = 34.64Sq.m			
			Main Data for 1 No.			
	0.751	cu.m	Teak wood rafters		cu.m	
	19.03	RM	Teak wood reepers 50 x 25mm		RM	
	0.567	cu.m	Teak wood planks		cu.m	
			Labour charges for placing and carving of ornamental capital and wooden grill			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	20.00	Nos	Carpenter I class		Nos	
	15.00	Nos	Carpenter II class		Nos	
	2.00	kg	Cost of nails		LS	
	5.00	kg	Cost of fevical		LS	
			Labour provision fixing of balcony over the 1st floor level on outer wall			
	2.00	Nos	Carpenter I class		Nos	
	5.00	Nos	Mazdoor 1st class		Nos	
	LS	LS	Cost of mortar		LS	
	16.00	Nos	Hold fasts 200mm length		Nos	
	34.64	sq.m	Painting over priming coat		sq.m	
	LS	LS	Sundries for sand papper etc		LS	
			Rate for 1 No			
82	Collecting the fallen damaged Madras terrace roof with includes brick on edge, flat tiles 3 layers, weathering course and intermediate lime layers, segregating them and conveyance for the inside of the building to the out side stack yard point by specialized labour by head load with necessary preventive and precautionary measures with helmet, safety belts and ropes, and from the stack yard these debries are conveyed by tipper lorries with help of JCB as on when required and as directed by the departmental officers.					
	1.00	Trip	Rate as per Quotation rate vide Quotation enclosed		Trip	
				For Trip		
83	Easing and repairing hanging doors, window shutters and refixing the same after attending the petty repairs including fixing furniture fittings and excluding cost of furniture fittings etc., complete complying with standard specification and as directed by the departmental officers.					
			Data For 1 sq.m			
	1.00	sq.m	Removing the doors and windows including removal of frames, hinges and fastening etc (SOR Unicode No. W-0029)		sq.m	
	1.00	sq.m	Refixing the shutter in position after attending petty repairs Item.No.19&20/2 (238.26+298.87/2 =268.56)		sq.m	
	LS		sundries for nails, fevical, screws etc.,			
				For 1sq.m		
			Rate fo 1sq.m.			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
84			Making, supplying and fixing of stone balcony of size 3.50 x3.20m with stone for joist, beam, rafters and purlins, ornamental capital etc., which are in full length new member placed for supporting the stone balcony any other area in all floor as directed by the departmental officers by using well seasoned superior quality and approved variety of stone for heritage building work including fixing of iron holdfasts and making necessary size holes in the masonry to receive the ends of stone joists, beams, etc., all fixtures and fastenings etc., complete. as per original design and necessary groove arrangements are made in the sunshade and also include making all the mouldings and design of the panels as in the existing evidence of the balcony etc., and making stone jaffir work grill of size 930mmx900m and 40mm thickness with jaffri work in the bottom of the balcony and top of the roof and bottom stone flooring using with stone pillar width 150mm and thickness 25mm and fixing in position in first floor level as per the existing evidence and style including carving ornamental capital and to include complete finishing work of the balcony as directed by the departmental officer . The rate inclusive of cost of all stone pavukkal materials, Labour charges for placing and carving of ornamental capital and stone work etc., complying with standard specifications.			
			Size of balcony 3.50 x 3.20			
	1		Stone required for making of balcony			
			Pillar teak wood 4x1x3.50x0.10x0.10 = 0.140			
			Cross bottom of middle 2x1x3.2x0.10x0.10 = 0.064			
			Above pillar beam 1x1x4.20x0.13x0.10 = 0.055			
			Crossbeam 4x1x1.10x0.13x0.10 = 0.057			
			Josits 18x1x1.40x0.10x0.105 = 0.126			
			Josits supporting beam 1 x 1 x 4 . 2 0 x 0 . 1 0 x 0 . 0 7 5 = 0.009			
			Cross 2x1x1.10x0.10x0.075 = 0.016			
			Window side frame 2x2x1.89x0.10x0.05 = 0.038			
			Horizontal 2x2x0.50x0.10x0.05 = 0.010			
			Ornamental capital 4x3x0.40x0.35x0.10 = 0.168			
			Total = 0.683			
			Wastage = 0.068			
			Total = 0.751			
	2		T.W reeper 50x25mm bottom grill frame			

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			$1 \times 5 \times 3.46(0.93+0.93+0.80+0.80=3.46) = 17.30$			
			Wastage 10% = 1.73			
			Total = 19.03Rm			
	3	A	Cut stone pavukkal			
			Corridor roof of balcony stone= $1 \times 20 \times 4.10 \times 0.15 = 12.30$			
			Corridor roof of balcony two side = $1 \times 2 \times 0.65 \times 0.15 = 0.20$ $1 \times 2 \times 0.60 \times 0.15 = 0.18$ $1 \times 2 \times 0.55 \times 0.15 = 0.17$ $1 \times 2 \times 0.50 \times 0.15 = 0.15$ $1 \times 2 \times 0.45 \times 0.15 = 0.14$ $1 \times 2 \times 0.40 \times 0.15 = 0.12$ $1 \times 2 \times 0.35 \times 0.15 = 0.11$ Total = 1.07			
		A	Bottom stone $1 \times 4 \times 3.70 \times 0.15 = 2.22$			
			Total = $12.30 + 2.22 = 14.52 \times 0.025 = 0.363$ + wastage 10% = 0.036 = 0.399 cu.m			
			Total = 0.399Cu.m			
		B	Cut stone pavukkal Grill Jaffri work			
			$1 \times 5 \times 0.93 \times 0.90 = 4.19$ sq. m $\times 0.040 = 0.168$ cu.m			
			Cut stone pavukkal total = A+B = $0.399 + 0.168 = 0.567$			
			Main Data for 1 No.			
	0.751	cu.m	Cut stone pavukkal (Ceiling stone) SOR P.No.161 sl.no.8D		cu.m	
	19.03	RM	Teak wood reepers 50 x 25mm		RM	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
	0.567	cu.m	Cut stone pavukkal (Ceiling stone) SOR P.No.161 sl.no.8D		cu.m	
			Labour charges for placing and carving of ornamental capital stone			
	6.00	Nos	Carpenter I class		Nos	
	6.00	Nos	Carpenter II class		Nos	
	15.00	Nos	Skilled Stapathy		Nos	
	10.00	Nos	Skilled Mason I Heritage works		Nos	
	10.00	Nos	Skilled Mason II Heritage works		Nos	
	2.00	kg	Cost of nails		LS	
	5.00	kg	Cost of fevical		LS	
			Labour provision fixing of balcony over the 1st floor level on outer wall			
	2.00	Nos	Carpenter I class		Nos	
	5.00	Nos	Mazdoor 1st class		Nos	
	LS	LS	Cost of mortar		LS	
	16.00	Nos	Hold fasts 200mm length		Nos	
	LS	LS	Add 15% Extra labour charges high raise building with slow nature of work			
		LS	Water charges @ 1% of total value		LS	
	LS	LS	Sundries for sand papper etc		LS	
			Rate for 1 No			
85	Polishing the stone wall and column with two cots of water repellent solution of approved quality and brand including preparation of surface using high pressure water jet . The rate inclusive the cost of all materials, Labour charges and finishing neatly etc., complete as directed by the departmental officers.					
			Data for 10 sq.m			
	2.22	Lit	Waltron Aquasil solution		litre	
	1.10	Nos	Painter I class		kg	
	LS		Charges for Water jet pump and coir brush, waste etc		LS	
	LS		Water charges @ 1% of total value		LS	

Sl. No	Qty.	Unit	Description	Rate	Per	Amount
			Rate for 10.00 Sq.m			
			Rate for 1 sq.m			
86	Making supplying and fixing of ornamental stone stupi (in terrrace above 12.00 m height) of size height approximately 930mm , the stupi stone ha two parts- lower part is flattened spheroid f base 300mm dia and middle 380mm dia and top 230mm dia with 340mm height , over which upper part of minerates arrangement 600mm in the missing place as per the existing style of clues including cost of stone and labour charges for fixing on brick wall and adjacent stones, the base of stone is fixed on brick wall by means of cutting with hand chisel without any damages to wall and adjacent stones, the stone joints are to be filled with heated lead solution at a very high temperature up to a depth of 20mm neatly trimmed with a trowel and fixing in position, curing of lime mortar, lead pointing, etc., complete the location of fixing, shape, design and quality of stone are to be done as directed by the departmental officer.					
			Data for 1no.			
			Rough cut stone required for making stupi 1.30x0.50x0.50=0.325cu.m			
	0.325	cu.m	Cut stone pavukkal (Ceiling stone) SOR P.No.161 sl.no.8D		cu.m	
	12.00	each	Skilled imported Stone Sthapathy mason I class		Each	
	3.00	each	Skilled imported Mazdoor 1 class		Each	
	15.00	kg	charcoal		kg	
	5.00	rft	Chistle rod		rft	
	3.00	Rm	Led pointing		1Rm	
			Labour & mortor for fixing in position over the parapet of roof			
	1.00	each	Skilled imported Mazdoor Category I		each	
	1.00	each	Skilled imported stone mason		each	
	0.50	each	skilled imported mazdoor II class		each	
			LS cost of lime mortor			
	LS		Water charges @ 1% of total value		LS	
			Rate Rs 1 No.			

SUB - DATA			
		SOR	Chennai 10% extra
	Carpenter I		
	Carpenter II		
	Mason 1		
	Mason II		
	Stone Mason I		
	Mazdoor class I		
	Mazdoor class II		
	Fitter I		
	Fitter II		
	Painter I		
	Painter II		
	Skilled Stapathy Brick Mason for Heritage work		
	Skilled Stapathy Stone Mason for Heritage work		
	Skilled Mason I for Heritage work		
	Skilled Mason II for Heritage work		
	Stone cutter - I class		
	Stone cutter - II class		
	Plumber I class		

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
A			Lime Mortar 1:1.5			
	1.00	cu.m	Sand		cu.m	
	0.67	cu.m	Lime (Pollachi)		cu.m	
	10.00	Kg	Galnut		Kg	
	10.00	Kg	Jaggery		Kg	
	1.00	cu.m	Grinding charges (Special Grinding)		cu.m	
				Rate for 1m3		
B			Lime Mortar 1:2			
	1.00	cu.m	Sand		cu.m	
	0.50	cu.m	Lime (Pollachi) SR S.no 109 2018-19		cu.m	
	10.00	Kg	Galnut		Kg	
	10.00	Kg	Jaggery		Kg	
	1.00	cu.m	Grinding charges (Special Grinding)		cu.m	
				Rate for 1m3		
C			Special Hand Grinded Lime Mortar Paste (Theervai) 1:1.5 (One lime one point five sand)			
	1.50	Cu.m	Sand		Cu.m	
	0.83	Cu.m	Lime (Pollachi)		Cu.m	
	10.00	Kg	Galnut		Kg	
	10.00	Kg	Jaggery		Kg	
	15.00	Nos	Mazdoor Class I		Nos	
	15.00	Nos	Mazdoor Class II		Nos	
		LS.	Cost of Hand polishing stone			
				Rate for 1m3		
D			Combination Mortar			
	1.00	Cu.m	Sand		Cu.m	
	480.00	Kg	Cement		MT	
	0.33	Cu.m	Lime (Pollachi)		Cu.m	
	1.00	Cu.m	Grinding charges (Special Grinding)		Cu.m	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	1.00	Cu.m	Mixing charges machine		Cu.m	
			(Extra labour for Grinding lime mortar by lime grinding machine)			
			Rate for 10 Cu.m			
			Rate for 1M3			
E			Brick Jelly Concrete in Pure Lime 1:2 - 1 m3 (One lime and two brick jelly 20mm size)			
	1.28	Cu.m	Brick jelly 20mm		Cu.m	
	0.50	Cu.m	Lime (Pollachi)		Cu.m	
	0.18	No	Mason I class		No	
	1.77	No	Mazdoor Class I		No	
	1.41	No	Mazdoor Class II		No	
			Rate for 1m3			
F			Brick Jelly Concrete in Pure Lime 1:2 - 1 m3 (One lime and two brick jelly 40mm size)			
	1.28	Cu.m	Brick jelly 40mm		Cu.m	
	0.50	Cu.m	Lime (Pollachi)		Cu.m	
	0.18	No	Mason I class		No	
	1.77	No	Mazdoor Class I		No	
	1.41	No	Mazdoor Class II		No	
			Rate for 1m³			
H			Pointing the Brick with Lime Mortar 1:2			
	0.10	Sq.m	Lime mortar 1:2		Sq.m	
	2.20	Nos.	Mason I class		Nos.	
	0.50	No	Mazdoor Class I		No	
	1.10	No	Mazdoor Class II		No	
			Add 15% Time waiting for setting time of lime plaster for every one hour =0.15*(2083.62+309.1+557.81)			
			Rate for 10 Sq.m			
			Rate for 1 Sq.m			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
I			Plastering with Lime Mortar 1:2 15mm Thick			
	0.14	Cu.m	Lime mortar 1:2		Cu.m	
	1.10	No	Mason I Class		No	
	0.50	No	Mazdoor Class I		No	
	1.10	No	Mazdoor Class II		No	
			Add 15% Time waiting for setting time of lime plaster for every one hour			
			Rate for 10 Sq.m			
			Rate for 1 Sq.m			
J			Plastering with Lime Mortar 1:2, 20 mm Thick			
	0.22	Cu.m	Lime mortar 1:2		Cu.m	
	2.20	No	Mason I class		No	
	0.50	No	Mazdoor Class I		No	
	3.20	No	Mazdoor Class II		No	
			Add 15% Time waiting for setting time of lime plaster for every one hour			
			Rate for 10 Sq.m			
			Rate for 1 Sq.m			
K			Plastering with Lime Mortar 1:1.5 20 mm Thick			
	0.22	Cu.m	Lime Mortar 1:1.5		Cu.m	
	2.20	No	Mason I class		No	
	0.50	No	Mazdoor Class I		No	
	3.20	No	Mazdoor Class II		No	
			Add 15% Time waiting for setting time of lime plaster for every one hour			
			Rate for 10 Sq.m			
			Rate for 1 Sq.m			
L			Brick Work in Lime Mortar 1:2 by using Special Brick			
	900.00	Nos	Special bricks 8"x4"x2"		Nos	
			Special bricks available only at thirukkattupalli, Thanjavur District			

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
	0.30	Cu.m	Lime Mortar 1:2		Cu.m	
	1.20	No	Mason I		No	
	1.20	No	Mazdoor Class I		No	
	1.70	No	Mazdoor Class II		No	
			Add 15% Time waiting for setting time of lime plaster for every one hour			
	1.00	No	Mazdoor II (For Curing)		No	
			Rate for 1 Sq.m			
			Brick Jelly Lime Concrete 1:2:5 using 40mm brick jelly in Lime Mortar 1:2 - 10 Cu.m			
	9.50	Cu.m	Broken Brick Jelly (40mm size)		Cu.m	
	3.80	Cu.m	Lime Mortar 1:2		Cu.m	
	1.80	Nos.	Mason II Class		Each	
	17.70	Nos.	Mazdoor Category I		Each	
	14.10	Nos.	Mazdoor II Class		Each	
			Total for 10 Cu.m			
			Rate for 1 Cu.m			
			Labour wrought and put up for 1 Cu.m			
	4.50	Nos.	Carpenter I Class		Each	
	13.20	Nos.	Carpenter II Class		Each	
	8.80	Nos.	Mazdoor Category I		Each	
			Sundries for nails, screws, etc.			
			Total			
			Rate for 1 Cu.m			
			Priming coat for new iron work - 10 sq.m.			
	1.44	lit.	Red oxide primer		lit.	
	0.70	Nos.	Painter I Class		Nos.	

Sl. No.	Qty.	Unit	Description	Rate	Per	Amount
			Sundries for brushes etc.,		LS	
			Rate for 10 sq.m.			
			Rate for 1 sq.m.			
M			Cement Mortar 1:2			
	720.00	kg	Cement		MT	
	1.00	Cu.m	Sand for Mortar		Cu.m	
	1.00	Cu.m	Mixing Charges		Cu.m	
			Rate for 1 Cu.m			
			Cement Mortar 1:3			
	480.00	kg	Cement		MT	
	1.00	Cu.m	Sand for Mortar		Cu.m	
	1.00	Cu.m	Mixing Charges		Cu.m	
			Rate for 1 Cu.m			
P			Cement Mortar 1:5			
	288.00	kg	Cement		MT	
	1.00	Cu.m	Sand for Mortar		Cu.m	
	1.00	Cu.m	Mixing Charges		Cu.m	
			Rate for 1 Cu.m			

**HINDU RELIGIOUS & CHARITABLE
ENDOWMENTS DEPARTMENT
(HR & CE)**

TEMPLE DATA

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
1	Scaffolding charges for Vimanans and gopurams with casurina posts coconut or plam trees wherever necessary for main, form work and providing with Non Flamable Shaded coverings, providing ladder arrangements, country wood plant for working, inspection etc, complete hire charges only for erection, maintenance and removing the same on completion of the work1 sq,ft.					
	1.00	Sqm	Up to 15' ht.		Sqm	
	1.00	Sqm	Up to 25' ht.		Sqm	
	1.00	Sqm	Up to 50' ht.		Sqm	
	1.00	Sqm	Up to 75' ht.		Sqm	
	1.00	Sqm	Up to 100' ht.		Sqm	
	1.00	Sqm	Up to 150' ht.		Sqm	
	Note: (1) Actual area of scaffolding provided is to be measured					
	Note: (2) scaffolding if provided around kalkaram or Garbagraham above Ground level and upto bottom of Vimanam /Gopuram, shall also be measured.					
	Note: (3) Heights mentioned above are actual above Kalkaram and represent the Vimanam /Gopuram portion only.					
2	Scraping the decayed lime plaster from the surface of Vimanams and Gopurams, carefully including isolated bricks or brickwork without damaging the vari vargams, racking out the joints, cleaning the surface with water, including all working in heights, hire charges for special tools, brushes complete superficial area including all folds - 100sft.					
			(A) Vimanams / Gopurams up to 50' 0" height (excluding Kalkaram)			
	2.00	Nos	Asst.Silpi		Each	
				Rate for 1Sqft		
			(B) Gopuram up to 100' 0" height			
	3.00	Nos	Asst.Silpi		Each	
				Rate for 1Sqft		
			(C) Gopurams above 100' 0" height			
	4.00	Nos	Asst.Silpi		Each	
				Rate for 1Sqft		

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
3	Brick masonry Cement Mortar 1:4 using Stock bricks including all varivargams, moulds, sthambams, mukapathrams, koodu, nasi and all ornamental brick work complete, all pancharams, agarais, karnakoodus, etc., forming core walls of Rajagopuram/ Vimanams complete including cost and conveyance of all materials including cement, all the labour charges including marking pathies shaping of the bricks, lifting of all the materials to required heights, curing and all extra for working in heights etc., complete 100 cft for vimanam / gopuram					
			Kalkaram of Gopuram / Vimanam			
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Cement Mortar1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	4.00	Nos	Silpi vargapoochu II class		Each	
	2.00	Nos	Asst, Silpi		Each	
	5.00	Nos	Mazdoor I class		Each	
	3.00	Nos	Mazdoor II class		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
	(a) Vimanam / Gopuram of height up to 15' 0" (Excluding kalkaram)					
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Cement Mortar1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	5.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	6.00	Nos	Mazdoor I class		Each	
	3.00	Nos	Mazdoor II class		Each	
	4.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(b) Vimanam / Gopuram of height up to 25' 0" (Excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Cement Mortar1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	5.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	6.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	6.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(c) Vimanam / Gopuram of height up to 50' 0" (Excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Cement Mortar1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	6.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	7.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(d) Vimanam / Gopuram of height up to 100' 0" (Excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Cement Mortar1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	4.00	Nos	Silpi vargapoochu I class		Each	
	6.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	8.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	8.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(e) Vimanam / Gopuram of height up to 150' 0" (Excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Cement Mortar1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	5.00	Nos	Silpi vargapoochu I class		Each	
	7.00	Nos	Silpi vargapoochu II class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Nos	Asst, Silpi		Each	
	8.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	9.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
4	Providing Vargapoochu over the corewalls of Vimanams / Gopurams, with Cement Mortar 1:4 complete including shaping the mukhapathram, mahanasi, Koodu all ornamentals works to proper shape by embedding broken bricks of shaped/chiseled bricks, rough-plastering with Cement Mortar 1:4 and finishing with final ornamental plastering and nayam theervai including cost and conveyance of all materials, labour therefore, lifting of materials, all working in heights, curing with water etc, complete including all extra for folding and including clearing from the vimanams/gopurams 100sft superficial area. for kalkaram					
	(a) For kalkaram					
	8.00	Nos	Stock bricks		1000 Nos	
	0.0283	Cum	Cement Mortar 1:4		Cum	
	2.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
			Vargapoochu			
	0.35	Cum	Cement Mortar 1:4		Cum	
	4.00	Nos	Silpi varga poochu I class		Each	
	3.00	Nos	Silpi varga poochu II class		Each	
	4.00	Nos	Assistant silpii		Each	
	4.00	Nos	Mazdoor I class		Each	
	2.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	35.00	Kg	Cement		Mt	
	3.00	Nos	Silpi varga poochu I class		Each	
	1.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
	For Vimanam					
	(b) Vimanam / gopuram of ht. Up to 15'0" excluding Kalkaram					
	10.00	Nos	Stock bricks		1000 Nos	
	0.0283	Cum	Cement Mortar1:4		Cum	
	2.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	1.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.40	Cum	Cement Mortar1:4		Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	4.00	Nos	Silpi varga poochu II class		Each	
	5.00	Nos	Assistant silpii		Each	
	5.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	
	30.00	Kg	Cement		Mt	
	3.00	Nos	Silpi varga poochu I class		Each	
	1.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
	{C } Vimanam / gopuram of ht. Up to 25'0" excluding Kalkaram					

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	10.00	Nos	Stock bricks		1000 nos	
	0.0283	Cum	Cement Mortar1:4		Cum	
	3.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	2.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.40	Cum	Cement Mortar1:4		Cum	
	7.00	Nos	Silpi varga poochu I class		Each	
	5.00	Nos	Silpi varga poochu II class		Each	
	6.00	Nos	Assistant silpii		Each	
	7.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of Sand		Cum	
	30.00	Kg	Cement		Mt	
	4.00	Nos	Silpi varga poochu I class		Each	
	3.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
(D) Vimanam / gopuram of ht. Up to 50'0" excluding Kalkaram						
	10.00	Nos	Stock bricks		1000 Nos	
	0.0283	Cum	Cement Mortar1:4		Cum	
	7.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	4.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	0.40	Cum	Cement Mortar1:4		Cum	
	10.00	Nos	Silpi varga poochu I class		Each	
	7.00	Nos	Silpi varga poochu II class		Each	
	8.00	Nos	Assistant silpii		Each	
	9.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	
	30.00	Kg	Cement		Mt	
	5.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
(E) Vimanam / gopuram of ht. Up to 75'0" excluding Kalkaram						
	15.00	Nos	Stock bricks		1000 Nos	
	0.057	Cum	Cement Mortar1:4		Cum	
	10.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	6.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.50	Cum	Cement Mortar1:4		Cum	
	14.00	Nos	Silpi varga poochu I class		Each	
	10.00	Nos	Silpi varga poochu II class		Each	
	9.00	Nos	Assistant silpii		Each	
	11.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	
	40.00	Kg	Cement		Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
(F) Vimanam / gopuram of ht. Up to 100'0" excluding Kalkaram						
	15.00	Nos	Stock bricks		1000 Nos	
	0.057	Cum	Cement Mortar1:4		Cum	
	12.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	8.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.50	Cum	Cement Mortar1:4		Cum	
	18.00	Nos	Silpi varga poochu I class		Each	
	15.00	Nos	Silpi varga poochu II class		Each	
	10.00	Nos	Assistant silpii		Each	
	13.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	
	40.00	Kg	Cement		Mt	
	5.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
(G) Vimanam / gopuram of ht. Up to 150'0" excluding Kalkaram						
	20.00	Nos	Stock bricks		1000 Nos	
	0.085	Cum	Cement Mortar1:4		Cum	
	15.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	10.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.60	Cum	Cement Mortar1:4		Cum	
	20.00	Nos	Silpi varga poochu I class		Each	
	16.00	Nos	Silpi varga poochu II class		Each	
	12.00	Nos	Assistant silpii		Each	
	14.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.085	Cum	sand		Cum	
	0.085	Cum	Screening of sand		Cum	
	50.00	Kg	Cement		Mt	
	8.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
Note: River sand must be used for Vargapoochu works						

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
5	Brick masonry Lime Mortar 1:2 using Stock bricks including all varivargams, moulds, sthambams, mukapathrams, koodu, nasi and all ornamental brick work complete, all pancharams, agarais, karnakoodus, etc., forming core walls of Rajagopuram/ Vimanams complete including cost and conveyance of all materials including cement, all the labour charges including marking pathies shaping of the bricks, lifting of all the materials to required heights, curing and all extra for working in heights etc., complete 100 cft for vimanam / gopuram					
			Kalkaram of Gopuram / Vimanam			
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	4.00	Nos	Silpi vargapoochu II class		Each	
	2.00	Nos	Asst, Silpi		Each	
	5.00	Nos	Mazdoor I class		Each	
	3.00	Nos	Mazdoor II class		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
			Vimanam			
	(a) Vimanam / Gopuram of height up to 15' 0" (excluding kalkaram)					
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	5.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	6.00	Nos	Mazdoor I class		Each	
	3.00	Nos	Mazdoor II class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	4.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(b) Vimanam / Gopuram of height up to 25' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	5.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	6.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	6.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(c) Vimanam / Gopuram of height up to 50' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	6.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	7.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(d) Vimanam / Gopuram of height up to 100' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	4.00	Nos	Silpi vargapoochu I class		Each	
	6.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	8.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	8.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(e) Vimanam / Gopuram of height up to 150' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	5.00	Nos	Silpi vargapoochu I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Nos	Silpi vargapoochu II class		Each	
	7.00	Nos	Asst, Silpi		Each	
	8.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	9.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
6	Providing Vargapoochu over the corewalls of Vimanams / Gopurams, with Lime Mortar 1:1.5 complete including shaping the mukhapathram, mahanasi, Koodu all ornamentals works to proper shape by embedding broken bricks of shaped/chiseled bricks, rough-plastering with Lime Mortar 1:1.5 and finishing with final ornamental plastering and nayam theervai including cost and conveyance of all materials, labour therefore, lifting of materials, all working in heights, curing with water etc, complete including all extra for folding and including clearing the debris from the vimanams/gopurams 100sft superficial area. for kalkaram					
	(a) For kalkaram					
	8.00	Nos	Stock bricks		1000 Nos	
	0.0283	Cum	Lime Mortar 1:1.5		Cum	
	2.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
			Vargapoochu			
	0.35	Cum	Lime Mortar 1:1.5		Cum	
	4.00	Nos	Silpi varga poochu I class		Each	
	3.00	Nos	Silpi varga poochu II class		Each	
	4.00	Nos	Assistant silpii		Each	
	4.00	Nos	Mazdoor I class		Each	
	2.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	0.057	Cum	Screening of sand		Cum	
	0.024	Cum	Lime		Cum	
	3.00	Nos	Silpi varga poochu I class		Each	
	1.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
	For Vimanam					
	(b) Vimanam / gopuram of ht. Up to 15'0" excluding Kalkaram					
	10.00	Nos	Stock bricks		1000 Nos	
	0.0283	Cum	Lime Mortar 1:1.5		Cum	
	2.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	1.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu in Lime Mortar 1:1.5 (avg 1" thick)			
	0.40	Cum	Lime Mortar 1:1.5		Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	4.00	Nos	Silpi varga poochu II class		Each	
	5.00	Nos	Assistant silpii		Each	
	5.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	
	0.021	Cum	Lime		Cum	
	3.00	Nos	Silpi varga poochu I class		Each	
	1.00	Nos	Mazdoor helper I class		Each	
		LS	Curing clearing debris from towers and wastage etc and sundries.			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
			Rate for 100 sqft			
			Rate for 1 sqft			
	{C } Vimanam / gopuram of ht. Up to 25'0" excluding Kalkaram					
	10.00	Nos	Stock bricks		1000 nos	
	0.0283	Cum	Lime Mortar 1:1.5		Cum	
	3.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	2.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.40	Cum	Mazdoor II class		Cum	
	7.00	Nos	Silpi varga poochu I class		Each	
	5.00	Nos	Silpi varga poochu II class		Each	
	6.00	Nos	Assistant silpii		Each	
	7.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.06	Cum	sand		Cum	
	0.06	Cum	Screening of sand		Cum	
	0.021	Cum	Lime		Cum	
	4.00	Nos	Silpi varga poochu I class		Each	
	3.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
	(D) Vimanam / gopuram of ht. Up to 50'0" excluding Kalkaram					
	10.00	Nos	Stock bricks		1000 Nos	
	0.0283	Cum	Lime Mortar 1:1.5		Cum	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	4.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.40	Cum	Lime Mortar 1:1.5		Cum	
	10.00	Nos	Silpi varga poochu I class		Each	
	7.00	Nos	Silpi varga poochu II class		Each	
	8.00	Nos	Assistant silpii		Each	
	9.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.06	Cum	sand		Cum	
	0.06	Cum	Screening of sand		Cum	
	0.021	Cum	Lime		Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
(E) Vimanam / gopuram of ht. Up to 75'0" excluding Kalkaram						
	15.00	Nos	Stock bricks		1000 Nos	
	0.0570	Cum	Lime Mortar 1:1.5		Cum	
	10.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	6.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.50	Cum	Lime Mortar 1:1.5		Cum	
	14.00	Nos	Silpi varga poochu I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	10.00	Nos	Silpi varga poochu II class		Each	
	9.00	Nos	Assistant silpii		Each	
	11.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	
	0.057	Cum	Screening of sand		Cum	
	0.028	Cum	Lime		Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
	(F) Vimanam / gopuram of ht. Up to 100'0" excluding Kalkaram					
	15.00	Nos	Stock bricks		1000 Nos	
	0.0570	Cum	Lime Mortar 1:1.5		Cum	
	12.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	8.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.50	Cum	Lime Mortar 1:1.5		Cum	
	18.00	Nos	Silpi varga poochu I class		Each	
	15.00	Nos	Silpi varga poochu II class		Each	
	10.00	Nos	Assistant silpii		Each	
	13.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.057	Cum	sand		Cum	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	0.057	Cum	Screening of sand		Cum	
	0.028	Cum	Lime		Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
(G) Vimanam / gopuram of ht. Up to 150'0" excluding Kalkaram						
	20.00	Nos	Stock bricks		1000 Nos	
	0.085	Cum	Lime Mortar 1:1.5		Cum	
	15.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	10.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	0.60	Cum	Lime Mortar 1:1.5		Cum	
	20.00	Nos	Silpi varga poochu I class		Each	
	16.00	Nos	Silpi varga poochu II class		Each	
	12.00	Nos	Assistant silpii		Each	
	14.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	0.085	Cum	sand		Cum	
	0.085	Cum	Screening of sand		Cum	
	0.04	Cum	Lime		Cum	
	8.00	Nos	Silpi varga poochu I class		Each	
	6.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
Note: River sand must be used for Vargapoochu works						

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
7	Painting with multicolour (Panchavarnam) good water based exterior emulson paints complete for the Vinamans/Gopurams, including cost and conveyance of all materials, labour charges including Artist painter, working in heights, lifting of material, cost of brushes etc, complete-which including all extra for foldings-100sft, superficial area.					
	(a) Vimanam / gopuram of ht. Up to 15'0" (Excluding Kalkaram)					
	1.65	Ltr	Wall primer		Ltr	
	4.00	Ltr	Ready mixed good emulson paint for I, II and III coats and all shadings		Ltr	
	2.00	Nos	Assistant painter		Each	
	3.00	Nos	Artist painter I class		Each	
	3.00	Nos	Artist painter II class		Each	
	1.50	Nos	Mazdoor I class helpers		Each	
		Ls	Cost of brushes, putty, cotton, waste, wastage etc.,		Ls	
			Rate for 100 Sqft			
			Rate for 1 Sqft			
	(b) Vimanam / gopuram of ht. Up to 25'0" (Excluding Kalkaram)					
	1.65	Ltr	Wall primer		Ltr	
	4.00	Ltr	Ready mixed good emulson paint for I, II and III coats and all shadings		Ltr	
	3.00	Nos	Assistant painter		Each	
	3.00	Nos	Artist painter I class		Each	
	3.00	Nos	Artist painter II class		Each	
	2.50	Nos	Mazdoor I class helpers		Each	
		Ls	Cost of brushes, putty, cotton, waste, wastage etc.,		Ls	
			Rate for 100 Sqft			
			Rate for 1 Sqft			
	(c) Gopuram of ht. Up to 50'0" (Excluding Kalkaram)					
	2.00	Ltr	Wall primer		Ltr	
	5.00	Ltr	Ready mixed good emulson paint for I, II and III coats and all shadings		Ltr	
	4.00	Nos	Assistant painter		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	3.00	Nos	Artist painter I class		Each	
	3.00	Nos	Artist painter II class		Each	
	2.50	Nos	Mazdoor I class helpers		Each	
		Ls	Cost of brushes, putty, cotton, waste, wastage etc.,		Ls	
			Rate for 100 Sqft			
			Rate for 1 Sqft			
	(d) Gopuram of ht. Up to 100'0" (Excluding Kalkaram)					
	2.00	Ltr	Wall primer		Ltr	
	5.00	Ltr	Ready mixed good emulson paint for I, II and III coats and all shadings		Ltr	
	5.00	Nos	Assistant painter		Each	
	4.00	Nos	Artist painter I class		Each	
	4.00	Nos	Artist painter II class		Each	
	2.75	Nos	Mazdoor I class helpers		Each	
		Ls	Cost of brushes, putty, cotton, waste, wastage etc.,		Ls	
			Rate for 100 Sqft			
			Rate for 1 Sqft			
	(e) Gopuram of ht. above 150'0" (Excluding Kalkaram)					
	2.00	Ltr	Wall primer		Ltr	
	5.00	Ltr	Ready mixed good emulson paint for I, II and III coats and all shadings		Ltr	
	8.00	Nos	Assistant painter		Each	
	5.00	Nos	Artist painter I class		Each	
	5.00	Nos	Artist painter II class		Each	
	3.00	Nos	Mazdoor I class helpers		Each	
		Ls	Cost of brushes, putty, cotton, waste, wastage etc.,		Ls	
			Rate for 100 Sqft			
			Rate for 1 Sqft			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
8	Brick masonry Lime mortar 1:2 using Stock bricks including all varivargams, moulds, sthambams, mukapathrams, koodu, nasi and all ornamental brick work complete, all pancharams, agarais, karnakoodus, etc., forming core walls of Rajagopuram/ Vimanams complete including cost and conveyance of all materials including cement, all the labour charges including marking pathies shaping of the bricks, lifting of all the materials to required heights, curing and all extra for working in heights etc., complete 100 cft for vimanam / gopuram					
			Kalkaram Upto 15'0" for Sannathi			
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	4.00	Nos	Silpi vargapoochu II class		Each	
	2.00	Nos	Asst, Silpi		Each	
	5.00	Nos	Mazdoor I class		Each	
	3.00	Nos	Mazdoor II class		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
			Vimanam			
	(a) Vimanam / Gopuram of height up to 15' 0" (excluding kalkaram)					
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	5.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	
	6.00	Nos	Mazdoor I class		Each	
	3.00	Nos	Mazdoor II class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	4.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(c) Vimanam / Gopuram of height up to 50' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	3.00	Nos	Silpi vargapoochu I class		Each	
	6.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Slip		Each	
	7.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	7.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(d) Vimanam / Gopuram of height up to 100' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime mortar 1:2		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	4.00	Nos	Silpi vargapoochu I class		Each	
	6.00	Nos	Silpi vargapoochu II class		Each	
	6.00	Nos	Asst, Silpi		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	8.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	8.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
(e) Vimanam / Gopuram of height up to 150' 0" (excluding kalkaram)						
	1300.00	Nos	Stock bricks		1000 Nos	
	0.79	cum	Lime Mortor1:1:4		Cum	
	1.00	Nos	Sthapathy for marking pathies		Each	
	5.00	Nos	Silpi vargapoochu I class		Each	
	7.00	Nos	Silpi vargapoochu II class		Each	
	7.00	Nos	Asst, Silpi		Each	
	8.00	Nos	Mazdoor I class		Each	
	4.00	Nos	Mazdoor II class		Each	
	9.00	Nos	Mazdoor II class for lifting materials		Each	
		Ls	Curing with water		Ls	
		Ls	Hire charges for special tools & plants required for lifting of materials and shaping of bricks and sundries		Ls	
			Rate for 100 cft			
			Rate for 1 cft			
9	Providing Vargapoochu over the corewalls of Vimanams / Gopurams, with Lime mortar 1:1.5 complete including shaping the mukhapathram, mahanasi, Koodu all ornamentals works to proper shape by embedding broken bricks of shaped/chiseled bricks, rough-plastering with Lime Mortor 1:1.5 and finishing with final ornamental plastering and nayam theervani including cost and conveyance of all materials, labour therefore, lifting of materials, all working in heights, curing with water etc, complete including all extra for folding and including clearing from the vimanams/gopurams 100sft superficial area. for kalkaram					
	(a) For kalkaram					

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	8.00	Nos	Stock bricks		1000 Nos	
	1.00	Cft	Lime mortar 1:1.5		Cum	
	2.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
			Vargapoochu			
	12.00	cft	Lime mortar 1:1.5			
	0.35	Cum			Cum	
	4.00	Nos	Silpi varga poochu I class		Each	
	3.00	Nos	Silpi varga poochu II class		Each	
	4.00	Nos	Assistant silpii		Each	
	4.00	Nos	Mazdoor I class		Each	
	2.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	2.00	Cft	M-sand		Cum	
	2.00	cft	Screening of M-sand		Cft	
	0.021	Cum	Lime		Mt	
	3.00	Nos	Silpi varga poochu I class		Each	
	1.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
	For Vimanam					
	(b) Vimanam / gopuram of ht. Up to 15'0" excluding Kalkaram					
	10.00	Nos	Stock bricks		1000 Nos	
	1.00	Cft	Lime mortar 1:1.5		Cum	
	2.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	1.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	14.00	cft	Lime mortar 1:1.5			
	0.40	Cum			Cum	
	5.00	Nos	Silpi varga poochu I class		Each	
	4.00	Nos	Silpi varga poochu II class		Each	
	5.00	Nos	Assistant silpii		Each	
	5.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	2.00	Cft	M-sand		Cum	
	2.00	cft	Screening of M-sand		Cft	
	0.021	Kg	Lime		Mt	
	3.00	Nos	Silpi varga poochu I class		Each	
	1.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
{C } Vimanam / gopuram of ht. Up to 25'0" excluding Kalkaram						
	10.00	Nos	Stock bricks		1000 nos	
	1.00	Cft	Lime mortar 1:1.5		Cum	
	3.00	Nos	Silpi vargapoochu I class for marking up Vargam Sthambams flowers pundial mahanasi etc.,		Each	
	2.00	Nos	Mazdoor helper II class		Each	
			Vargapoochu			
	14.00	cft	Lime mortar 1:1.5			
	0.40	Cum			Cum	
	7.00	Nos	Silpi varga poochu I class		Each	
	5.00	Nos	Silpi varga poochu II class		Each	
	6.00	Nos	Assistant silpii		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Nos	Mazdoor I class		Each	
	5.00	Nos	Mazdoor II class		Each	
			Nayam Theervai			
	2.00	Cft	M-sand		Cum	
	2.00	cft	Screening of M-sand		Cft	
	0.021	Kg	Lime		Mt	
	4.00	Nos	Silpi varga poochu I class		Each	
	3.00	Nos	Mazdoor helper I class		Each	
		LS	Curing wastage of materials clearing debris etc.,			
			Rate for 100 sqft			
			Rate for 1 sqft			
			Note: River sand must be used for Vargapoochu works			
10	Providing new sudhai vigrahams in the vimanams and Rajagopurams with Copper rod reinforcement of suitable dia with binding wires wherever necessary, shaping the core with broken bricks set in LM 1:1.5 finishing the same with LM 1:1.5 bringing to the correct shape (Lakshana) in conformist with silpa sastra inclusive of special ornaments, weapons, peedam etc., complete and providing L.M. Nayam theervai wherever necessary. inclusive of cost and conveyance of all materials, such as cement broken bricks, and Copper rods. binding wire all labour for working in heights, curing lifting of materials etc., complete including Exterior Emulsion painting 2 coats over one coat of primer (one vigraham is accountable with one head, 4 hands with weapons, ornamental costumes etc., as per prathima lakshans, Vigraham height is measurable from the crown top to the bottom of foot only If peetam is provided the rate with peetam may be adopted as detailed here under)					
		A	Sudhai size Up to 1' 0"			
			Material			
	2.00	Nos	Bricks		1000nos	
	0.014	Cum	Sand		Cum	
	0.003	Cum	Lime		Cum	
	0.30	Kg	Copper Rod		Kg	
			Labour			
	0.50	Nos	Silpi for vigrahams		Each	
	0.25	Nos	Silpi for ornamentals vargams		Each	
	0.25	Nos	Mazdoor I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	1.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		B	Sudhai size above 1' 0" up to 2' 6"			
			Material			
	6.00	Nos	Bricks		1000nos	
	0.028	Cum	Sand		Cum	
	0.007	Cum	Lime		Cum	
	0.80	Kg	Copper Rod		Kg	
			Labour			
	1.00	Nos	Silpi for vighrams		Each	
	0.75	Nos	Silpi for ornamentals vargams		Each	
	0.50	Nos	Mazdoor I class		Each	
	4.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		C	Sudhai size above 2' 6" up to 3' 6"			
			Material			
	10.00	Nos	Bricks		1000nos	
	0.057	Cum	Sand		Cum	
	0.010	Cum	Lime		Cum	
	1.00	Kg	Copper Rod		Kg	
			Labour			
	2.00	Nos	Silpi for vighrams		Each	
	1.25	Nos	Silpi for ornamentals vargams		Each	
	0.75	Nos	Mazdoor I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	7.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		D	Sudhai size above 3' 6" up to 4' 6"			
			Material			
	20.00	Nos	Bricks		1000nos	
	0.085	Cum	Sand		Cum	
	0.017	Cum	Lime		Cum	
	2.00	Kg	Copper Rod		Kg	
			Labour			
	3.00	Nos	Silpi for vighrams		Each	
	2.00	Nos	Silpi for ornamentals vargams		Each	
	1.00	Nos	Mazdoor I class		Each	
	10.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		E	Sudhai size above 4' 6" up to 5' 6"			
			Material			
	35.00	Nos	Bricks		1000nos	
	0.140	Cum	Sand		Cum	
	0.028	Cum	Lime		Cum	
	3.00	Kg	Copper Rod		Kg	
			Labour			
	4.00	Nos	Silpi for vighrams		Each	
	3.00	Nos	Silpi for ornamentals vargams		Each	
	1.20	Nos	Mazdoor I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	15.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		F	Sudhai size above 5' 6" up to 6' 6"			
			Material			
	55.00	Nos	Bricks		1000nos	
	0.200	Cum	Sand		Cum	
	0.042	Cum	Lime		Cum	
	5.00	Kg	Copper Rod		Kg	
			Labour			
	6.00	Nos	Silpi for vighrams		Each	
	4.00	Nos	Silpi for ornamentals vargams		Each	
	1.40	Nos	Mazdoor I class		Each	
	20.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		G	Sudhai size above 6' 6" up to 7' 6"			
			Material			
	80.00	Nos	Bricks		1000nos	
	0.283	Cum	Sand		Cum	
	0.060	Cum	Lime		Cum	
	7.00	Kg	Copper Rod		Kg	
			Labour			
	8.00	Nos	Silpi for vighrams		Each	
	5.00	Nos	Silpi for ornamentals vargams		Each	
	1.60	Nos	Mazdoor I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	30.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		H	Sudhai size above 7' 6" up to 8' 6"			
			Material			
	120.00	Nos	Bricks		1000nos	
	0.425	Cum	Sand		Cum	
	0.073	Cum	Lime		Cum	
	10.00	Kg	Copper Rod		Kg	
			Labour			
	10.00	Nos	Silpi for vighrams		Each	
	6.00	Nos	Silpi for ornamentals vargams		Each	
	2.00	Nos	Mazdoor I class		Each	
	40.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		I	Sudhai size above 8' 6" up to 9' 6"			
			Material			
	200.00	Nos	Bricks		1000nos	
	0.710	Cum	Sand		Cum	
	0.087	Cum	Lime		Cum	
	13.00	Kg	Copper Rod		Kg	
			Labour			
	11.00	Nos	Silpi for vighrams		Each	
	7.00	Nos	Silpi for ornamentals vargams		Each	
	2.50	Nos	Mazdoor I class		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	50.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
Note A: For Special sudhai vigrahams with one extra pair of hand with weapons 20% over the respective height of new sudhai vigraham, for extra one leg 10% and for extra head 15% shall be allowed						
Note B: For providing suitable Peedam with brick work, Plastering with Lime Mortar 1:1.5 and all vargams and ornamental works 15% of vigraham cost to be added						
Note C: The rate for Emulsion painting 2 coats over one coat of primer for sudhai vigrahams including working in heights is adopted.						
Note D : The rate approved for sudhai vigrahams is with 4 hands etc. Note: River sand must be used for Sudhai works						
11	Providing new sudhai vigrahams in the vimanams and Rajagopurams with Copper rod reinforcement of suitable dia with binding wires wherever necessary, shaping the core with broken bricks set in CM 1:3 finishing the same with CM 1:3 bringing to the correct shape (Lakshana) in conformist with silpa sastra inclusive of special ornaments, weapons, peedam etc., complete and providing C.M. Nayam theervai wherever necessary. inclusive of cost and conveyance of all materials, such as cement broken bricks, and Copper rods. binding wire all labour for working in heights, curing lifting of materials etc., complete including Exterior Emulsion painting 2 coats over one coat of primer (one vigraham is accountable with one head, 4 hands with weapons, ornamental costumes etc., as per prathima lakshans, Vigraham height is measurable from the crown top to the bottom of foot only If peetam is provided the rate with peetam may be adopted as detailed here under)					
		A	Sudhai size Up to 1' 0"			
			Material			
	2.00	Nos	Bricks		1000nos	
	0.014	Cum	Sand		Cum	
	5.000	Kg	Cement		Kg	
	0.30	Kg	Copper Rod		Kg	
			Labour			
	0.50	Nos	Silpi for vigrahams		Each	
	0.25	Nos	Silpi for ornamentals vargams		Each	
	0.25	Nos	Mazdoor I class		Each	
	1.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
		B	Sudhai size above 1' 0" up to 2' 6"			
			Material			
	6.00	Nos	Bricks		1000nos	
	0.028	Cum	Sand		Cum	
	10.000	Kg	Cement		Kg	
	0.80	Kg	Copper Rod		Kg	
			Labour			
	1.00	Nos	Silpi for vigrahams		Each	
	0.75	Nos	Silpi for ornamentals vargams		Each	
	0.50	Nos	Mazdoor I class		Each	
	4.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		C	Sudhai size above 2' 6" up to 3' 6"			
			Material			
	10.00	Nos	Bricks		1000nos	
	0.057	Cum	Sand		Cum	
	15.000	Kg	Cement		Kg	
	1.00	Kg	Copper Rod		Kg	
			Labour			
	2.00	Nos	Silpi for vigrahams		Each	
	1.25	Nos	Silpi for ornamentals vargams		Each	
	0.75	Nos	Mazdoor I class		Each	
	7.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
		D	Sudhai size above 3' 6" up to 4' 6"			
			Material			
	20.00	Nos	Bricks		1000nos	
	0.085	Cum	Sand		Cum	
	25.000	Kg	Cement		Kg	
	2.00	Kg	Copper Rod		Kg	
			Labour			
	3.00	Nos	Silpi for vigrahams		Each	
	2.00	Nos	Silpi for ornamentals vargams		Each	
	1.00	Nos	Mazdoor I class		Each	
	10.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		E	Sudhai size above 4' 6" up to 5' 6"			
			Material			
	35.00	Nos	Bricks		1000nos	
	0.140	Cum	Sand		Cum	
	40.000	Kg	Cement		Kg	
	3.00	Kg	Copper Rod		Kg	
			Labour			
	4.00	Nos	Silpi for vigrahams		Each	
	3.00	Nos	Silpi for ornamentals vargams		Each	
	1.20	Nos	Mazdoor I class		Each	
	15.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
		F	Sudhai size above 5' 6" up to 6' 6"			
			Material			
	55.00	Nos	Bricks		1000nos	
	0.200	Cum	Sand		Cum	
	60.000	Kg	Cement		Kg	
	5.00	Kg	Copper Rod		Kg	
			Labour			
	6.00	Nos	Silpi for vigrahams		Each	
	4.00	Nos	Silpi for ornamentals vargams		Each	
	1.40	Nos	Mazdoor I class		Each	
	20.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		G	Sudhai size above 6' 6" up to 7' 6"			
			Material			
	80.00	Nos	Bricks		1000nos	
	0.283	Cum	Sand		Cum	
	85	Kg	Cement		Kg	
	7.00	Kg	Copper Rod		Kg	
			Labour			
	8.00	Nos	Silpi for vigrahams		Each	
	5.00	Nos	Silpi for ornamentals vargams		Each	
	1.60	Nos	Mazdoor I class		Each	
	30.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
		H	Sudhai size above 7' 6" up to 8' 6"			
			Material			
	120.00	Nos	Bricks		1000nos	
	0.425	Cum	Sand		Cum	
	105.000	Kg	Cement		Kg	
	10.00	Kg	Copper Rod		Kg	
			Labour			
	10.00	Nos	Silpi for vighrams		Each	
	6.00	Nos	Silpi for ornamentals vargams		Each	
	2.00	Nos	Mazdoor I class		Each	
	40.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			
		I	Sudhai size above 8' 6" up to 9' 6"			
			Material			
	200.00	Nos	Bricks		1000nos	
	0.710	Cum	Sand		Cum	
	125.000	Kg	Cement		Kg	
	13.00	Kg	Copper Rod		Kg	
			Labour			
	11.00	Nos	Silpi for vighrams		Each	
	7.00	Nos	Silpi for ornamentals vargams		Each	
	2.50	Nos	Mazdoor I class		Each	
	50.00	Sft	Emulsion painting 2 coats over one coat of primer		Sft	
		Ls	Sundries for in working heights			
			Rate for Each			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
	Note A: For Special sudhai vigrahams with one extra pair of hand with weapons 20% over the respective height of new sudhai vigraham, for extra one leg 10% and for extra head 15% shall be allowed					
	Note B: For providing suitable Peedam with brick work, Plastering with Lime Mortar 1:1.5 and all vargams and ornamental works 15% of vigraham cost to be added					
	Note C: The rate for Emulsion painting 2 coats over one coat of primer for sudhai vigrahams including working in heights is adopted.					
	Note D : The rate approved for sudhai vigrahams is with 4 hands etc. Note: River sand must be used for Sudhai works					
			Laying cut stone flooring using new stones 0.60 x 0.60 m not less than 10 cms thick			
			Pointing with L.M 1: 1.5			
	0.06	Cum	Lime mortar 1:1.5		No.	
	1.60	Nos.	Mason II class		No.	
	0.50	No.	Mazdoor I class		No.	
	1.10	Nos.	Mazdoor II class		No.	
			Rate for 10 Sqm.			
			Rate for 1 Sqm.			
			Using new stones			
	1.00	Sqm.	Pointing		Sqm.	
	1.00	Sqm.	Three line dressing		Sqm.	
	1.00	Sqm.	Cost of cut stone		Sqm.	
	1.00	Sqm.	Labour for fixing		Sqm.	
			Rate for 1 Sqm.			
			Using new stones			
	1.00	Sqm.	Pointing		Sqm.	
	1.00	Sqm.	single line dressing		Sqm.	
	1.00	Sqm.	Cost of cut stone		Sqm.	
	1.00	Sqm.	Labour for fixing		Sqm.	
			Rate for 1 Sqm.			

TEMPLE CAR - DATA

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
1	Supply and wrought & fixing of steel such as plates. Flats. Square bars, bolts, nuts, screws and washer for connecting vertical & horizontal frames etc., complete.					
	1.00	MT	Mild steel angle (PWD SOR Metal & Iron items)		MT	
	1.00	MT	Wrought and fixing works (PWD SOR Metal & Iron works)		MT	
			Rate for 1 Mt			
2	Labour wrought and put up for new wood works frames such as Adukkumaram, Chittur, mattam, Padmasanam, Nadasanam, Devasanam and Simmasanam Top planks over devasanam and ties of various size etc complete.					
	0.50	Nos	Wood Sthapathi I Class (PWD SOR - HR&CE)		Each	
	0.50	Nos	Wood Sthapathi II Class(PWD SOR - HR&CE)		Each	
	0.50	Nos	Asst. Sthapathi(PWD SOR - HR&CE)		Each	
			Hire charges for Tools & Sundries			
			Rate for 1 Cft			
			Rate for 1 Cum			
3	Labour wrought put up for making Vigraham Complete including all labour charges & including shaping carving and finishing etc complete.					
			<u>0'9"-1'6" Size Vigraham</u>			
	1.00	Nos	Wood Sthapathi I Class(PWD SOR - HR&CE)		Each	
	1.00	Nos	Wood Sthapathi II Class(PWD SOR - HR&CE)		Each	
	1.00	Nos	Sawyer(PWD SOR)		Each	
	1.00	Nos	Asst. Sthapathi(PWD SOR - HR&CE)		Each	
	L.S.		For Polishing etc.,			
			Rate for Each			
			<u>2'0" height Vigraham</u>			
			Rate for 1'6" ht vigraham		Each	
			Add: 1 No Wood Sthapathi I Class(PWD SOR - HR&CE)		Each	
			Rate for Each			
			<u>2'0" to 3' height Vigraham</u>			
			Rate for 1'6" to 2'0" ht vigraham		Each	

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
			Add: 1 No Wood Sthapathi I Class(PWD SOR - HR&CE)		Each	
			Rate for Each			
			Note: Add one no. of wood Sthapathi I Class for every additional one foot height increase.			
4	Labour wrought and put up for Bothiyal with ornamental features flower work etc., complete					
	1.00	Nos	Wood Sthapathi I Class(PWD SOR - HR&CE)		Each	
	0.50	Nos	Wood Sthapathi II Class(PWD SOR - HR&CE)		Each	
			Hire charges for Tools & Sundries			
			Rate for 1 Cft			
			Rate for 1 Cum			
5	Labour wrought and put up for Alangarakal of large size including handling, hoisting fixing in position with steel fixtures etc., complete - 1 Cft					
	0.75	Nos	Sthapathy Carpenter I Class(PWD SOR - HR&CE)		Each	
	0.25	Nos	Sawyer(PWD SOR)		Each	
	0.50	Nos	Mazdoor I Class(PWD SOR)		Each	
			Sundries		LS	
			Rate for 1 Cft			
			Rate for 1 Cum			
6	Labour wrought and put up for wooden frames for kodungai with ornamental cutting of curves, sizing, shaping, finishing, hoisting, fixing in position and working in heights etc., complete - 1 Cft					
	0.25	Nos	Sthapathy Carpenter I Class (Silpi wood ornamental work)(PWD SOR - HR&CE)		Each	
	0.50	Nos	Sthapathy Carpenter II Class (Silpi wood ornamental work)(PWD SOR - HR&CE)		Each	
	0.25	Nos	Sawyer(PWD SOR)		Each	
	0.50	Nos	Mazdoor I Class(PWD SOR)		Each	
			Sundries		LS	
			Rate for 1 Cft			
			Rate for 1 Cum			

Sl. No	Qty	Unit	Description of work	Rate	Per	Amount
7	Labour wrought and put up for wooden frames of ordinary type including cutting, Sizing of wood for require size in the car etc., complete - 1 Cft					
	0.25	Nos	Sthapathy Carpenter I Class (Silpi wood ornamental work)(PWD SOR - HR&CE)		Each	
	0.50	Nos	Mazdoor I Class(PWD SOR)		Each	
	0.25	Nos	Sawyer(PWD SOR)		Each	
			Sundries for fixing steel fixtures		LS	
			Rate for 1 Cft			
			Rate for 1 Cum			
8	Labour wrought and put up car wheels including cutting making holes for bolts, making for joints, tightening, handling charges and for fixing with iron fixtures inclusive all charges etc., complete - 1 Cft					
	0.75	Nos	Sthapathy Carpenter I Class (Silpi wood ornamental work)(PWD SOR - HR&CE)		Each	
	0.25	Nos	Assistant Silpi(PWD SOR - HR&CE)		Each	
	0.50	Nos	Mazdoor I Class(PWD SOR)		Each	
	0.50	Nos	Blacksmith I Class (PWD SOR)		Each	
			Sundries for handling wheels etc.,		LS	
			Rate for 1 Cft			
			Rate for 1 Cum			
9	Labour wrought and put up for Teak wood 2"x1" complete including cutting to size, hoisting and fixing etc., complete - 100 RFT					
	0.50	Nos	Carpenter II Class Ordinary(PWD SOR)		Each	
	0.50	Nos	Mazdoor II Class(PWD SOR)		Each	
			Sundries for fixing nails etc.,		LS	
			Rate for 100 RFT			
			Rate for 1 RFT			
			Rate for 1 RM			

