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OFFICE OF THE PRINCIPAL
HANDIQUE GIRLS' COLLEGE
GUWAHATI - 781001, ASSAM

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Ref. No. HGC/ESTT/NIQ/2024/01/007

Date: 08.07.2024

NOTICE INVITING QUOTATION

Sealed quotation on firm letterhead affixing a non refundable court fee stamp of Rs. 8.25 are hereby invited from the reputed registered firms/contractors of relevant categories having experience of execution of similar nature of constriction/renovation works as mentioned below at Handique Girls' College, Guwahati-01, Assam. The quotations along with GST Registration certificate, PAN Card, Trade License and Experience Certificate of execution of works of similar nature have to be submitted at the designated place at the Office of the undersigned. The sealed envelope must be superscribed with the Quotation Number and addressed to the undersigned. The quotation will be received by the Office of the Principal, Handique Girls' College up to **15th July, 2024, 2.00 pm** and will be opened on the same day at 3.00 pm. Contractor or one authorized person may be present at the time of opening.

1.	Name of Work	Construction of Classroom/Academic Block on the Existing Foundation Adjoined to Hostel Building, Handique Girls' College, Guwahati-01, Assam as per CPWD DSR 2021
2.	Estimated amount	Rs.11,52,100.00
3.	Time of completion	30 days
4.	Earnest Money to be deposited with the quotation Paper	2 % of Estimated value for General Category and 1% of estimated value for SC/ST/OBC/MOBC Category.
5.	Security Deposit	Addition 3% of Estimated value (only by Successful bidder)

The Earnest and Security amount will have to be deposited by Demand Draft in the favour of Principal-Cum Secretary, Handique Girls' College, Guwahati, Payable at Guwahati. Quotations submitted by the bidders shall remain valid for acceptance for a period of 180 (one hundred eighty) days from the date of opening of such quotations. The bidder/s shall not be entitled to revoke or cancel his/their quotation/s or to vary any of the terms thereof during the said period of validity. The period of liability shall be 12 (Twelve) months reckoned from the date of issue of completion certificate on actual completion of the work. The taxes as per rule will be deducted at source from the total bill value. Quotation not properly sealed will be liable for cancellation.

Principal
Handique Girls' College
Guwahati-01, Assam

Memo No.: HGC/ESTT/NIQ/2024/01/007-A, Dated: 08.07.2024

Copy to:

1. Notice board/Website for display.
2. Convenor, Construction Committee for kind information.
3. Office file for record.

Principal
Handique Girls' College
Guwahati-01, Assam

MEASUREMENT SHEET FOR CONSTRUCTION OF CLASSROOM /ACADEMIC BLOCK ON THE EXISTING FOUNDATION ADJOINED TO HOSTEL BUILDING, HANDIQUÉ GIRL'S COLLEGE, DIGHALIPUKHURIPAR, PANBAZAR, GUWAHATI AS PER DSR 2021

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount
1	2.2.1	Earth work in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 m :								
		All kinds of soil								
		Rear Side Down Step	1	4.5	0.4	0.3	0.54	CUM		
		Rear Side Down Step	4	1.2	0.4	0.3	0.58	CUM		
						Total	1.12	CUM		
2	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.								
		Earth Filling Rear Verandah	1	3.2	1.2	1.2	4.61	CUM		
3	4.10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from naturasources : 4 graded stone aggregate 12.5mm nominal size derived fromnatural sources)								
		Above 250 MM	2	8.05	0.23		3.70	SQM		
		Above 250 MM	1	12.4	0.23		2.85	SQM		
		Above 250 MM	1	7.6	0.23		1.75	SQM		
		Above 250 MM Step	1	4.5	0.23		1.04	SQM		
		Above 250 MM Step	2	1.2	0.23		0.55	SQM		
				Total	9.89	SQM				
4	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:								
		Cement mortar 1:4 (1 cement : 4 coarse sand)								
		Rear Step Down	1	3.2	0.23	1.2	0.88	CUM		
		Rear Step Down	2	1.2	0.23	1.2	0.66	CUM		
				Total	1.55	CUM				
5	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.								
		6.13.2 Cement mortar 1:4 (1 cement :4 coarse sand)								
		Wall 1	6	3.5		3	63.00	SQM		
		Wall 2	3	4.3		3	38.70	SQM		
		Above Corridor	1	0.9		3	2.70	SQM		
		Deduct Door	-3	1		2.1	-6.30	SQM		
		Deduct Window	-5	1.8		1.35	-12.15	SQM		
		Head Room	2	4.5		2.8	25.20	SQM		
		Head Room	2	3.5		2.8	19.60	SQM		
		Deduct	-1	0.75		2.1	-1.58	SQM		
		Railing for Brick	2	0.8		3	4.80	SQM		
						Total	133.98	SQM		

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount
6	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).								
	9.1.3	Kiln seasoned and chemically treated hollock wood								
		Door 3 Nos.	3	5.2	0.075	0.1	0.12	CUM		
		Door 1 Nos. Head Room	1	3.9	0.075	0.1	0.03	CUM		
						Total	0.15	CUM		
7	9.6	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), fixing with butt hinges of required size with necessary screws, all complete as per directions of Engineer- in-charge and panelling with panels of : (Note:- Butt hinges and necessary screws shall be paid separately)								
	9.6.1	12 mm thick plain grade -1, medium density flat pressed three layer particle board FPT - I or graded wood particle board FPT- I, IS : 3087 marked, bonded with BWP type synthetic								
		Door 3 Nos.	3	1		2.1	6.3	SQM		
		Door 1 Nos. Head Room	1	0.8		2.1	1.68	SQM		
					Total	7.98	SQM			
8	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete								
	9.97.1	300x10 mm								
		Door 4 Nos.					4	EACH		
9	9.98	Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodiccoating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.					4	EACH		
10	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer								
		Corridor	1	2		2.1	4.2	SQM		
		Below Staircase	1	2		3	6	SQM		
		Below Staircase	1	3		1.2	3.6	SQM		
					Total	13.8	SQM			
11	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).								
		Rear Side Down Step					35	KG		

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount
12	11.1	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common burnt clay non modular bricks:								
	11.1.2	1:4 (1 cement : 4 coarse sand)								
		Floor	1	8.05	12.4		99.82	SQM		
		Downward Step	1	4.4	1.2		5.28	SQM		
					Total	105.1	SQM			
13	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete								
		40 mm thick with 20 mm nominal size stone aggregate								
	Floor	1	8.05	12.4		99.82	SQM			
	Downward Step	1	4.4	1.2		5.28	SQM			
					Total	105.1	SQM			
14	11.6.1	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement.								
		18 mm thick								
		Plinth Height	2	8.05		1.2	19.32	SQM		
		Plinth Height	1	12.4		1.2	14.88	SQM		
		Plinth Height	1	2.5		1.2	3	SQM		
		Class Room	6	8		0.2	9.6	SQM		
		Class Room	4	12.4		0.2	9.92	SQM		
		Deduct Doo Both side	-6	1		0.2	-1.2	SQM		
		Collapsible	-2	2		0.2	-0.8	SQM		
Collapsible	-2	3.5		0.2	-1.4	SQM				
					Total	53.32	SQM			
15	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :								
	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources								
		Extended Tie Beam	2	1.2	0.25	0.3	0.18	CUM		
		Extended Tie Beam	1	4.4	0.25	0.3	0.33	CUM		
					Total	0.51	CUM			
16	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :								
	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)								
		Lintel For Classroom	2	8.05	0.15	0.15	0.36	CUM		
		Lintel For Classroom	1	12.4	0.15	0.15	0.28	CUM		
		Lintel For Classroom	1	4.5	0.15	0.15	0.10	CUM		
		Lintel For Classroom	2	3.5	0.15	0.15	0.16	CUM		
		Lintel For Head Room	2	3.5	0.15	0.15	0.16	CUM		
		Lintel For Head Room	2	4.5	0.15	0.15	0.20	CUM		
		Seismic band Stair	2	3	0.15	0.15	0.14	CUM		
		Chajjah	5	1.8	0.075	0.3	0.20	CUM		
Head Room Coulmn	4	0.8	0.35	0.45	0.50	CUM				
					Total	2.10	CUM			

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount	
17	5.9	FORM WORK									
		Centering and shuttering including strutting, propping etc. and removal of form for									
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete									
		Tie Beam On Both Side	2	1.2	0.3	2	1.44	SQM			
		Tie Beam On Both Side	1	4.4	0.3	2	2.64	SQM			
		Total					4.08	SQM			
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers									
		Lintel For Classroom	2	8.05	0.15	2	4.83	SQM			
		Lintel For Classroom	1	12.4	0.15	2	3.72	SQM			
		Lintel For Classroom	1	4.5	0.15	2	1.35	SQM			
		Lintel For Classroom	2	3.5	0.15	2	2.10	SQM			
		Lintel For Head Room	2	3.5	0.15	2	2.10	SQM			
		Lintel For Head Room	2	4.5	0.15	2	2.70	SQM			
		Seismic band Stair	2	3	0.15	2	1.80	SQM			
	Total					18.60	SQM				
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts									
		Head Room Coulmn	4	1.6	0.8		5.12	SQM			
5.9.3	Suspended floors, roofs, landings, balconies and access platform										
	Chajjah	5	1.8	0.075	1	0.68	SQM				
18	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level									
		Thermo-Mechanically Treated bars of grade Fe-500D or more.									
		Tie Beam 16 MM	2	1.2	4	0.89	8.54	KG			
		Stirrup	2	1.05	10	0.39	8.19	KG			
		Tie Beam 16 MM	1	4.4	4	0.89	15.66	KG			
		Stirrup	1	1.05	36	0.39	14.74	KG			
		Lintel For CR 10 MM	2	8.05	4	0.62	39.93	KG			
		Stirrup	2	0.5	65	0.39	25.35	KG			
		Lintel For CR 10 MM	1	12.4	4	0.62	30.75	KG			
		Stirrup	1	0.5	100	0.39	19.50	KG			
		Lintel For CR 10 MM	1	4.5	4	0.62	11.16	KG			
		Stirrup	1	0.5	37	0.39	7.22	KG			
		Lintel For CR 10 MM	2	3.5	4	0.62	17.36	KG			
		Stirrup	2	0.5	28	0.39	10.92	KG			
		Lintel For HR 10 MM	2	3.5	4	0.62	17.36	KG			
		Stirrup	2	0.5	28	0.39	10.92	KG			
		Lintel For HR 10 MM	2	4.5	4	0.62	22.32	KG			
		Stirrup	2	0.5	37	0.39	14.43	KG			
		Seismic band Stair	2	3	4	0.62	14.88	KG			
		Stirrup	2	0.5	24	0.39	9.36	KG			
Chajjah	5	1.8	3	0.62	16.74	KG					
Chajjah	5	0.3	15	0.39	8.78	KG					
Total					324.11	KG					

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount	
19	13.4	12 mm cement plaster of mix :									
	13.4.1	1:4 (1 cement: 4 coarse sand)									
		Wall 1 Both Side	1	8.05	2	3.3	53.13	SQM			
		Deduct Window Both Side	-2	1.8	2	1.35	-9.72	SQM			
		Wall 2 Both Side	1	8.05	2	3.3	53.13	SQM			
		Deduct Door Both Side	-2	1	2	2.55	-10.20	SQM			
		Wall 3 Both Side	1	12.4	2	3.3	81.84	SQM			
		Deduct Window Both Side	-2	1.8	2	1.35	-9.72	SQM			
		Deduct Collapsible Gate	-1	2	2	2.1	-8.40	SQM			
		Wall 4 Both Side	1	5.2	1	3.3	17.16	SQM			
		Wall 5 Both Side	2	4.2	2	3.3	55.44	SQM			
		Deduct Door Both Side	-1	1	2	2.55	-5.10	SQM			
		Deduct Window Both Side	-1	1.8	2	1.35	-4.86	SQM			
		Head Room	2	5.2	2	2.8	58.24	SQM			
		Head Room	2	4.2	2	2.8	47.04	SQM			
		Staircase Railing	2	3	2	0.9	10.80	SQM			
		Deduct Door Both Side	-1	0.8	2	2.1	-3.36	SQM			
		Extended RCC Slab	1	12.4	1	0.6	7.44	SQM			
		Extended RCC Slab	1	8.05	1	0.6	4.83	SQM			
		Extended RCC Slab	1	8.05	1	1.5	12.08	SQM			
Chajjah	5	1.8	2	0.3	5.40	SQM					
					Total	355.17	SQM				
20	13.26	Providing and applying plaster of paris putty of 2 mm thickness overplastered surface to prepare the surface even and smooth complete									
		Wall 1 Both Side	1	8.05	2	3.3	53.13	SQM			
		Deduct Window Both Side	-2	1.8	2	1.35	-9.72	SQM			
		Wall 2 Both Side	1	8.05	2	3.3	53.13	SQM			
		Deduct Door Both Side	-2	1	2	2.55	-10.20	SQM			
		Wall 3 Both Side	1	12.4	2	3.3	81.84	SQM			
		Deduct Window Both Side	-2	1.8	2	1.35	-9.72	SQM			
		Deduct Collapsible Gate	-1	2	2	2.1	-8.40	SQM			
		Wall 4 Both Side	1	5.2	1	3.3	17.16	SQM			
		Wall 5 Both Side	2	4.2	2	3.3	55.44	SQM			
		Deduct Door Both Side	-1	1	2	2.55	-5.10	SQM			
		Deduct Window Both Side	-1	1.8	2	1.35	-4.86	SQM			
		Head Room	2	5.2	2	2.8	58.24	SQM			
		Head Room	2	4.2	2	2.8	47.04	SQM			
		Staircase Railing	2	3	2	0.9	10.80	SQM			
		Deduct Door Both Side	-1	0.8	2	2.1	-3.36	SQM			
		Extended RCC Slab	1	12.4	1	0.6	7.44	SQM			
		Extended RCC Slab	1	8.05	1	0.6	4.83	SQM			
		Extended RCC Slab	1	8.05	1	1.5	12.08	SQM			
	Chajjah	5	1.8	2	0.3	5.40	SQM				
					Total	355.17	SQM				

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount	
21	13.41	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade									
	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer									
		Wall 1 Both Side	1	8.05	1	3.3	26.57	SQM			
		Deduct Window Both Side	-2	1.8	1	1.35	-4.86	SQM			
		Wall 2 Both Side	1	8.05	2	3.3	53.13	SQM			
		Deduct Door Both Side	-2	1	2	2.55	-10.20	SQM			
		Wall 3 Both Side	1	12.4	1	3.3	40.92	SQM			
		Deduct Window Both Side	-2	1.8	1	1.35	-4.86	SQM			
		Deduct Collapsible Gate	-1	2	1	2.1	-4.20	SQM			
		Wall 4 Both Side	1	5.2	1	3.3	17.16	SQM			
		Wall 5 Both Side	2	4.2	1	3.3	27.72	SQM			
		Wall 5 Both Side	2	4.2	2	3.3	55.44	SQM			
		Deduct Door Both Side	-1	1	2	2.55	-5.10	SQM			
		Deduct Window Both Side	-1	1.8	1	1.35	-2.43	SQM			
		Head Room	2	5.2	1	2.8	29.12	SQM			
		Head Room	2	4.2	1	2.8	23.52	SQM			
		Staircase Railing	2	3	2	0.9	10.80	SQM			
		Deduct Door Both Side	-1	0.8	1	2.1	-1.68	SQM			
					Total	251.05	SQM				
13.48		Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives									
		New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.									
		Wall 1 Both Side	1	8.05	1	3.3	26.57	SQM			
		Deduct Window Both Side	-2	1.8	1	1.35	-4.86	SQM			
		Wall 3 Both Side	1	12.4	1	3.3	40.92	SQM			
		Deduct Window Both Side	-2	1.8	1	1.35	-4.86	SQM			
		Deduct Collapsible Gate	-1	2	1	2.1	-4.20	SQM			
		Wall 4 Both Side	2	5.2	1	3.3	34.32	SQM			
		Wall 5 Both Side	1	4.2	1	3.3	13.86	SQM			
		Deduct Window Both Side	-1	1.8	1	1.35	-2.43	SQM			
		Head Room	2	5.2	1	2.8	29.12	SQM			
		Head Room	2	4.2	1	2.8	23.52	SQM			
		Deduct Door Both Side	-1	0.8	1	2.1	-1.68	SQM			
		Extended RCC Slab	1	12.4	1	0.6	7.44	SQM			
		Extended RCC Slab	1	8.05	1	0.6	4.83	SQM			
		Extended RCC Slab	1	8.05	1	1.5	12.08	SQM			
	Chajjah	5	1.8	2	0.3	5.40	SQM				
					Total	180.02	SQM				
23	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade									
	13.61.1	Two or more coats on new work									
		Door 3 Nos.	3	5.2	0.25		3.9	SQM			
		Door 1 Nos. Head Room	1	3.9	0.25		0.975	SQM			
					Total	4.875	SQM				

SL. NO.	SOR I/No.	Description of Items	NO.	L	B	H	QTY	Unit	Rate	Amount
24	13.50	Applying priming coat								
		With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)								
		Door 3 Nos.	3	5.2	0.25		3.9	SQM		
		Door 1 Nos. Head Room	1	3.9	0.25		0.975	SQM		
						Total	4.875	SQM		
25	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gaske etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):								
		With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)								
		Window	5	1.8	1.35		12.15	SQM		

Grand Total-

**MEASUREMENT SHEET FOR ELECTRICAL WORKS FOR CONSTRUCTION OF
CLASSROOM /ACADEMIC BLOCK ON THE EXISTING FOUNDATION ADJOINED TO
HOSTEL BUILDING , HANDIQUE GIRL'S COLLEGE, DIGHALIPUKHURIPAR, PANBAZAR,
GUWAHATI**

SI No	Item No	Item	QTY	Unit	Rate	Amount
1	1.3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch,modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.				
	1.3.2	Group B	8	Each		
	1.3.3	Group C	12	Each		
2	1.7	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
	1.7.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	360	m		
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	180	m		
3	1.23	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
	1.23.1	5/6 amps switch	6	Each		
4	1.27	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.				
	1.27.1	1 or 2 Module (75mmX75mm)	6	Each		
	1.27.2	3 Module (100mmX75mm)	2	Each		
	1.27.5	8 Module (125mmX125mm)	4	Each		
5	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	3	Each		
6	2.5	Supplying and fixing of following ways surface/recess mounting, vertical type,415V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required)				
	2.5.2	8 way (4+24), double door	1	Each		

7	2.10	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	2.10.4	Triple pole and neutral	1	Each		
8	2.15	Supplying and fixing following rating, four pole (3 phase and neutral), 415 V, Residual current circuit breaker (RCCB), having a sensitivity current 30mA in the existing MCB DB complete with connections, testing and commissioning etc. as required				
	2.15.2	40A	4	Each		
	2.15.3	63A	4	Each		
9	5.2	Earthing with G.I. earth pipe 4.5 metre long, 40mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	1	Each		
10	19.1	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	3	Each		
11	As per approved rate analysis	Supply with fitting, fixing of LED Tubelight 20Watt (BAJAJ/POLYCAB/PHILIPS/EQUIVALENT)	4	Each		
TOTAL						