

Repair and renovation of Group-D staff quarter at IACS, Jadavpur.					
Sl.No.	DESCRIPTION OF ITEMS	Unit	Qty.	Rate	Amount(Rs.)
1	Stripping off worn out plaster and raking out joints of walls, ceiling etc. upto any height and in any floor including removing rubbish and stacking any where within the compound as directed.	Sq.M	1000.00		
2	Supply of Labour for shifting of existing furnitures, door, window etc.	Nos.	6		
3	Applying two coats of Mastercrete M-81 (Acrylic Co-polymer) or equivalent acrylic latex mixed with cement in the ratio of 1:2 by means of brush two coats at an interval of 12 hrs. each, curing the coating for three days.	Sq.M	300.00		
4a)	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed by Engineer.	Cu.M	2.00		
4b)	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed by Engineer.	Cu.M	3.00		
5	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal/Corporation Rules for such disposal, Loading into truck and cleaning the site in all respect as per direction of EIC.	Cu.M	15.00		
6	Brickwork with 1st class bricks in cement mortar (1:6), in ground floor. In superstructure	Cu.M	0.50		
7	125mm thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	Sqm	6.00		
8	Hire & labour charges for shuttering with centering and necessary staging upto 4m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works. 25mm to 30mm thick wooden shuttering as per decision of EIC.	Sq.M	15.00		
9	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust, cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. Tor steel / Mild steel.	MT	0.15		
10	Ordinary cement concrete in 1:1.5:3 (1 cement :1.5 coarse sand :3 graded stone aggregate 20mm nominal size) with graded stone chips (20mm nominal size) excluding shuttering and reinforcement.	Cu.M	3.00		
11	Providing and fixing of 300mm long S.S. Finish door handle of approved by the EIC with necessary screws etc. all complete.	Each	26.00		

Sl.No.	DESCRIPTION OF ITEMS	Unit	Qty.	Rate	Amount(Rs.)
12	wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron butt hinges and M.S. clamps. Sal : Malaysian	Cu.M	0.08		
13	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary.	Sq.M	850.00		
14	Providing and fixing S.S of 300X12mm tower bolts (concealed type) with necessary screws etc. complete as per approved by EIC.	Each	15.00		
15	Artificial stone floor, dado, staircase etc. with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75kg/sqm all complete and labour. 3mm topping - 35mm thick.	Sq.M	5.00		
16	Priming one coat on timber, plastered or on steel or other metal surface with primer of approved quality including smoothening surface by sand papering etc.	Sq.M	2100.00		
17	Applying Acrylic emulsion of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. Two or more coats to give an even shade.	Sq. M	2500.00		
18	Taking out shutter of door and window , dismantling by parts (for repair or replacement of damaged parts), reassembling and refitting and rehangng same with old fittings but with new screws as necessary.	Sq.M	10.00		
19	Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to IS 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position and including the cost of hinges as per direction of EIC . 35mm thick.	Sq.M	4.50		
20	Supplying, Fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 and threaded to match with GI pipes as per IS: 1239 (part - I) with all necessary accessories, special viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position.				
a)	15mm dia. Medium quality	Mtr.	20.00		

Sl.No.	DESCRIPTION OF ITEMS	Unit	Qty.	Rate	Amount(Rs.)
b)	20mm dia. Medium quality	Mtr	15.00		
c)	25mm dia. Medium quality	Mtr	56.00		
d)	32mm dia. Medium quality	Mtr	2.00		
e)	40mm dia. Medium quality	Mtr	10.00		
f)	50mm dia. Medium quality	Mtr	5.00		
21	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing ISI marking with fitting (tested to 21Kg / sq.cm).				
a)	25mm	Each	15.00		
b)	32mm	Each	1.00		
c)	50mm	Each	2.00		
22	Supplying, fitting and fixing best quality sink in mosaic in silver grey/ black colour with CP waste and other fittings, rubber plug and chain, CI heavy brackets with two coats of approved paint. 600mm x 450mm x200mm	Each	12.00		
23	Internal and External Plaster(Including scaffolding as & where necessary) to wall, ceiling etc. with coarse sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating, nosing and drip coarse where necessary. With 6:1 cement mortar 20mm thick.				
a)	with 1:6 cement mortar , 20mm thick	Sq.M	600.00		
b)	with 1:4 cement Mortar, 15mm thick	Sq.M	150.00		
24	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work and 4 nos. of key stones (10mm) fixed with araldite at the back of each tiles & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface as per instruction of EIC.				
a)	Floor with Sand Cement Mortar (1:4) 20mm thick & 2mm thick cement slurry at back side of tiles using cement @ 2.91Kg/Sq.m & joint filling.	Sq.M	32.00		
b)	Wall with Sand Cement Mortar (1:3) 15mm thick & 2mm thick cement slurry at back side of tiles using cement @ 2.91Kg/Sq.m & joint filling.	Sq.M	120.00		
25	Supplying best Indian sheet glass panes set in putty (as per IS specification) and fitted and fixed with teak wood beads and nails complete. 4mm thick.	Sq.M	30.00		
26	Supply of UPVC pipes and fittings conforming to IS-13592-1992. Single socket 3m length.				
a)	110mm	Mtr.	15.00		
b)	Double socket .90m , 110mm	Mtr.	8.00		
27	Fittings.				
a)	Door Tee -110mm	Each	6		
b)	Door Bend - 110mm	Each	6		
c)	Bend - 110mm	Each	4		
d)	Vent cowl - 110mm	Each	8		
e)	pipe clip - 110mm	Each	30		

Sl.No.	DESCRIPTION OF ITEMS	Unit	Qty.	Rate	Amount(Rs.)
28	Supplying, fitting and fixing EWC in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. with 'P' or 'S' trap.	Each	2		
29	Supplying, fitting and fixing Black stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement maotar (1:2) including grinding or polishing as per direction of EIC. Slab Thickness 20mm to 25mm.	Sqm	8.00		
30	Scraping of moss, blisters etc. thoroughly from exterior surface of walls necessitating the use of scraper, wire brush etc.	Sqm	2200.00		
31	Supplying, fitting and fixing bib cock/stop cock. Chromium plated ESSCO or equivalent.	Each	10		
32	Supplying , fitting and fixing 30mm thick Factory made solid panel PVC Door shutter consisting of outer frame made out of MS tubes of 19 gauge thickness and size 19mm x 19mm for styles, top and bottom rails , MS frame shall have cost of steel primers (P-176, It. no.14, PWD schedule'12)	Sqm	8.00		
33	Supplying, fitting and fixing Factory made PVC door frame of size 50mmx47mmx47mm with a wall thickness of 5mm made out of extruded 5mm PVC sheet miter cut at two corners and joined $\delta \delta \delta \delta$ (P-180,lt.no.149, PWD schedule'12)	Mtr.	15.00		
34	Labour charges for removing and refixing of GI pipes with fittings after cleaning where necessary. Upto 65mm dia.	Mtr.	300.00		
				TOTAL	
Place:		Signature of the Contractor with			
Date:		seal			



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