

**External Repair and painting of Paradeep Staff Quarters ; Price Bid**

No	Description	Quantity	Unit	Rate	Amount
1	Repair to plaster including dismantling damaged plaster and repairing with cement mortar 12 to 15mm thick of mix 1:4 mixed with SBR polymer of 150ml per bag of cement and finishing and curing etc complete.	126	Sqm		
2	S&F and fixing PVC pipes of Type-A (make: supreme/prince/ Ashirwad ) as approved including joining fittings and fixing with clamps etc as necessary complete at all levels including below GL as directed and specified. 110mm dia waste disposal pipe upto septic tank. Note: All joints shall be joined as per specification of the manufacturer. The rate is inclusive of TEES, bends, and couples etc complete	570	Meter		
3	S&F and fixing PVC pipes of Type-A (make: supreme/prince/ Ashirwad ) as approved including joining fittings and fixing with clamps etc as necessary complete at all levels including below GL as directed and specified. 150mm dia waste disposal pipe upto septic tank. Note: All joints shall be joined as per specification of the manufacturer. The rate is inclusive of TEES, bends, and couples etc complete	100	Meter		
4	Dismantling RCC chajja (Damaged portion) including reinforcement etc complete including scaffolding etc complete	30	Cum		
5	P&F 10mm dia reinforcement by drilling holes in the existing lintels to a minimum depth of 125mm and filling the holes with chemical grout of <b>Hilti HIT-RE-10</b> and inserting to the full depth for effective bonding. The total length of reinforcement shall be 725mm. The cost includes scaffolding also.	1400	Each		
6	P&F distribution reinforcements to RC chajas, RCC Copings including bending and binding etc including scaffolding etc complete.	1920	Kg		
7	P&L RCC work of 1:1.5:3 with 20mm and down aggregate including mixing, placing and compacting including centring & shuttering, scaffolding etc complete (cost of reinforcement is paid extra)	40.21	Cum		
8	Finishing the surface with 15mm thick cement plaster of 1:6 including scaffolding at any level etc complete	521	Sqm		
9	P&L Brick work with locally available good quality bricks with cement mortar 1:6 including dismantling the existing brick work, disposal of brick work, scaffolding etc complete at any level for drain work.	10	Cum		
10	P&L PCC 1:2:4 (C:CS:20mm and down aggregate) including centring and shuttering, scaffolding and at any level for drain work.	3	Cum		
11	Applying wall primer of approved brand to walls in one or more coats including cleaning the site complete. Make: Asian/Beger/Nerolac	4000	Sqm		

12	Finishing the wall surface with two coats of J K wall care putty for concrete / mortar walls and ceilings after removal of all loosely adhering materials from the wall surface with the help of putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department to make an even surface including filling all dents, holes, cracks etc complete. Make: J KI wall cae/Birla white/ Dalmia	200	Sqm
13	Painting: Painting exterior walls with dist resiatnt and antifugal weather coat premium acrylic smooth exterior paint with silicon additives of required hade of APEX ULTIMA of asina paint/ equivelant of nerolac/berger on walls mixed with maximum 1:4 ratio of water and to be applied over one coat of primer (asian base coat) diluted miaximm 1:1 in ratio with water. The masonry walls are to be prepared free from dust and dirt, fungal etc, using wire brush and cleaning the surface with wtaer jet complete with the cost of all amterials , rigid firm bamboo scaffolding, aldders, ropes brush and any other materials, tools, etc to complete the work in all respect as per instruction of bank. The shade in combination will be submitted to bank for finalization of the shade. Spread of the paint should not be more than 10sqm /1.43 ltr and primer as per manufacturer specification	4000	Sqm
14	P&F 40mm dia (external) CPVC pipe having thermal stability of hot and cold water supply including all CPVC plain and brass threaded fittings. The work includes concealing of pipeline by chieselling or breaking brick wall/ RCC/PCC and making good to damages in CM 1:3, jointing of pipes and fittings with CPVC solvent. The cost of tees, bends, elbows, couplers etc fittings items are included and making good the same including testing of joints complete as per direction of engineerin in charge. make: (Supreme/Ashirwad/Oriplast/Astrol)	30	Meter
15	P&F 25mm dia (External and internal Concealed) CPVC pipe having thermal stability of hot and cold water supply including all CPVC plain and brass threaded fittings. The work includes concealing of pipeline by chieselling or breaking brick wall/ RCC/PCC and making good to damages in CM 1:3, jointing of pipes and fittings with CPVC solvent. The cost of tees, bends, elbows, couplers etc fittings items are included and making good the same including testing of joints complete as per direction of engineerin in charge. make: (Supreme/Ashirwad/Oriplast/Astrol)	12	Meter
16	P&F WPC Door frame of size 4"x2.5" in staircase ventilators including dismantling damaged woden frames including glass pans and making the wall in good etc complete. The frames shall be finished with two coats of wood primer and two coats of enamel paint and filling the gap with silicon on all perimeter on outer face of the frame.	239	Rm
17	P&F 5mm plain glass in the door frames of staircase ventilators with tw beading on all around in the recess of of the frame etc complete	37	Sqm
18	P&F WPC Door frame of size 4"x2.5" and 28mm thick door shutter with hinges, handles, aldrops and 4mm thick tw beading ion edges etc complete. The shutter shall be finished with two coats of wood primer nd two coats of enmel paint	27.31	sqm

19	Repair to Over Head water tank by chipping the loose concrete and providing a cement slurry mixed with 150ml of polymer latex by wt of cement and finishing the surface with 12mm plaster of 1:3 (C:CS) mixed with 150ml of polymer latex by per bag of cement and 100ml of LWP+ of D Fixit complete.	84	Sqm		
20	Neat cement punning to inside surface of water tank with cement slurry mixed 250ml LWP of Dr. Fixit per bag of cement	84	sqm		
21	Supplying and installing a locally available good quality PVC water tank of 200ltr capacity including lifting to terrace level (3 storied building) as standby for water supply in the event of repairing water tank	2000	ltr		
22	Shifting PVC water tank from one block to other block terrace level and placing in position for making connection to existing water supply system including disconnection of existing plumbing system and regularizing water supply system etc complete	4	no		
23	P&F al plumbing work (external) for CI pipeline connection, replacing damaged CI pipeline with new ci pipe line (Instead of replacing whole pipe system) and also for connection of PVC water tank for smooth supply of water during repair of RC water tank. Contractor should submit vouchers of materials purchase. Labour component including transportation will not exceed 30% of the material cost.	1	Job	40000	40000
24	Quote Profit as %age of item no 23.	1	percent	0	0
25	P&F gate valve leader make	10	No		0
Total cost excluding GST					<b>40000</b>

Rate includes cost of all materials and labours, taxes involved for entire operation of work.