

<b>PRICE BID FOR CIVIL WORK OF PUMP ROOM FOR FIRE HYDRANT WORK AT A.O. RANCHI</b>						
<b>S No.</b>	<b>DESCRIPTION</b>		<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
1	Dismantling and cleaning of site for PUMP ROOM, unserviceable material and garbage to be disposal from site as per direction of Bank Engineer up to 50mt		LS	1.00		
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.		CUM	5.00		
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		CUM	10.00		
4	<b>EARTH WORK IN EXCAVATION FOR PUMP ROOM NEW SIZE AFTER EXISTING DISMENTALING AND PIPE LINE LAYING WORK</b>					
	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kind of soil		CUM	45		
5	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.		Cum	30		
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.		CUM	6.78		
7	<b>BRICK FLAT SOLING BELOW FOUNDATION BASE</b>					
	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:					
	1:4 (1 cement: 4 coarse sand)		SQM	45.00		
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level					
	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)		CUM	10.00		
9	<b>RCC WORK UP TO PLINTH</b>					
	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		CUM	15.00		
10	<b>RCC WORK IN SUPER STRUCTURE WITH 10"thk RCC</b>					

	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 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).		CUM	7.50		
11	<b>250MM THK BRICK WORK ( Super structure )</b>					
	Brick work 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 in all shapes and sizes in :					
	Cement mortar 1:4 (1 cement : 4 coarse sand)		CUM	12.00		
	<b>PLASTER ON NEW BRICK WORK BOTH SIDE</b>					
12	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.	ACC Cement / Birla Cement / Prism Cement /UltraTech Cement, , Ambuja Cement, , as per approved  y engineer o r	Sqm	150.00		
13	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)		Sqm	34.08		
14	Neat cement punning for PUMP ROOM BASE AND WALL		Sqm	13.94		
	<b>STEEL WORK</b>	JSW /Tata steel /Jindal steel /SAIL				
15	Thermo-Mechanically Treated bars of grade Fe-500D or more.	TATA/SAIL/TISCO N	KG	3000.00		
	<b>WATER PROOFING MIXING MATERIAL</b>					
16	Providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers. <b>Make Pidilite/dr fixit &amp; sika</b> water proofing solution for concreting or plaster work.	PIDILITE ROFF/DR FIXIT	Lts	40.00		
17	<b>WATER PROOFING TREATMENT ON VERTICAL /HORIZONTAL SURFACE FOR PUMP ROOM</b>					
	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:(i) Ist course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.(ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.(iii) IIIrd course of applying blown or residual bitumen applied hot	PIDILITE ROFF/DR FIXIT				

	at 1.7 kg. per sqm of area.(iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).		Sqm	100.00		
18	<b>Centering and shuttering including strutting, propping etc. and removal of form work for:</b>					
	Foundations, footings, bases of columns etc. for mass concrete, Lift wall, Suspended floors, roots, landings, balconies and access platform Lintels, beams, plinth beams, girders, bressumers and cantilevers Columns, Pillars, Piers, Abutments, Posts and Struts		Sqm	75.00		
	<b>FINISHING WORK</b>					
	White cement based putty outer and inner side					
19	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	BIRLA PUTTY	Sqm	150.00		
	<b>PAINTING WORK outer and inner wall of PUMP ROOM</b>					
20	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound ) content less than 50 gram/ litre, of approved brand and of required shade and colour complete to give and even shade.					
	Old work (one or more coats)		Sqm	150.00		
	<b>Cement primer for inner surface of lift wall</b>					
21	Applying one coat of water thinnable cement primer of approved brand		Sqm	25.00		
	Water thinnable cement primer					
	Water proofing treatment above roof top (machine room roof )					
	<b>PUMP ROOM WATER PROOFING TREATMENT</b>					
22	Providing and applying fibre reinforced elastomeric liquid waterproofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats@10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.		SQM	11.06		

23	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works		Kg	146.40		
<b>TOTAL</b>						

#GST will be paid extra as per applicable