

**Price Bid**

*(All quoted rates should be inclusive of GST (18%))*

**Name of Work:** Construction of RCC slow sand water filter (24KL) at 132kV GSS, Teok, AEGCL

Sl no	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
<b>(A)</b>	<b>CIVIL WORKS AS PER CPWD SOR- 2021(SI No. 01 to 10)</b>				
1	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. 2.6.1 All kinds of soil	6.21	cum		
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: 6.1.2 Cement mortar 1:6 (1 cement : 6 coarse sand) (a). Brick on flat soling.	1.24	cum		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 4.1.5 1:3:6 (1 Cement: 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 20 mm nominal size derived from natural sources)	2.13	cum		
4	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement: 6 coarse sands: 12graded stone aggregate 20 mm nominal size) upto plinth level with: 7.1.1 Cement mortar 1:6 (1 cement : 6 coarse sand)	4.97	cum		
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. 5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	257.42	kg		
	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.	1085.05	kg		
6	Centering and shuttering including strutting, propping etc. and removal of form for 5.9.1 Foundations, footings, bases of columns, etc. for mass concrete	1.58	sqm		
	5.9.2 Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	85.56	sqm		
	5.9.3 Suspended floors, roofs, landings, balconies and access platform	9.23	sqm		
7	Providing and laying in position specified grade of reinforced cementconcrete, 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) Bottom slab	1.54	cum		

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Bidders' Signature and Seal

	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)	6.36	cum		
8	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 13.9.2 20 mm cement plaster	100.50	sqm		
9	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	115.74	kg		
10	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces),excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 12.1.3 0.63 mm thick with zinc coating not less than 275 gm/ m <sup>2</sup>	26.03	sqm		
<b>(B) CIVIL AND SANITARY &amp; WATER SUPPLY WORKS AS PER APWD RATES, 2013-14( SI No. 01 to 05)</b>					
1	Providing precast R.C.C slab over drain, septic tank etc. in prop. 1:2:4 reinforced with 10mm M.S. bar @ 150mm centre both ways tying with 20-gauge black annealed wire with necessary shuttering, curing etc. complete including fixing in position as directed.a) 100mm thick slab	3.25	sqm		
2	Supply and Laying of Coarse Sand for Filter Bed(Basic rate, APWD B1g(CW))	9.00	cum		
3	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed. A) G.I. pipe with GI fittings a) TATA / SAIL (Medium) ix) 100 mm dia	12.60	Rm		
	40mm dia	25.00	Rm		
	iv) 32mm dia	50.00	Rm		
4	Supplying and fitting gun metal country pit valve (full way valve) I.S.I. Make as specified and directed. b) 40 mm dia.	3	Each		
	25 mm dia.	3	Each		
5	2 HP single Phase Centrifugal mono block pump set (Crompton Greaves/ Aquatic/ CRI/ V-Guard make) 2900 rpm with DOL Starter (Crompton Greaves/ Control & Switch Gear/ BCH/ L& T / Siemens make).	1	Each		
Total Amount (Inclusive of 18% GST), Rs.=					
<b>In words: INR</b>					

**Note: Price Bid should be contained in Envelope- 2**

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