

PRICE BID

Name of Work:- Construction of RCC slow sand water filter at 132kV Majuli GSS.
NIT No. AEGCL/DGM/TTC/NLP/T-3/2025-26/68

Sl. No.	Item Descriptions	Qty	Unit	Rate(Rs)	Amount(Rs)
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. All kinds of soil Total = 11.73	11.73	cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 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) Total = 1.94	1.94	cum		
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : cement mortar 1:6 (1 cement : 6 coarse sand) Total = 13.35	13.35	cum		
4	Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with local sand, with common burnt clay non modular bricks Total = 0.74	0.74	sqm		
5	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete. Total = 4.76	4.76	cum		
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.. (i) TATA/SAIL Total = 2363.32	2363.32	kg		
7	Centering and shuttering including strutting, propping etc. and removal of form for... Foundations, footings, bases of columns, etc. for mass concrete Total = 4.34	4.34	sqm		
	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. Total = 142.44	142.44	sqm		

	Suspended floors, roofs, landings, balconies and access platform Total = 19.00	19.00	sqm		
8	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 : 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) (a) M20 grade concrete or Prop. 1:1.5:3 Total = 11.24	11.24	Cum		
9	12 mm cement plaster finished with a floating coat of neat cement of 1:4 (1 cement: 4 fine sand) Total = 60.92	60.92	Sqm		
10	Supply and Laying of Coarse Sand(zoneIII) and Course pebbles for Filter Bed complete as per direction of Engineer in Charge. Total = 13.89	13.89	cum		
11	Supply and fixing of PVC Water Stopper Water Bar with Central Bulb for Waterproofing of Construction Joints 6 inch Width 6 mm Thick. Total = 40.00	40.00	Rm		
12	Providing and fixing of 75mm CPVC Valve of SUPREME/ PRINCE make. = 1	1	Each		
13	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. (40x40x3.2 mm square hollow section) Total = 161.68	161.68	KG		
14	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. Total = 25.30	25.30	Sqm		
15	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing 100 mm nominal dia Pipes = 20.00 80 mm nominal dia Pipes = 1.00 50 mm nominal dia Pipes = 25.00	20.00 1.00 25.00	Rm Rm Rm		

	25 mm nominal dia Pipes	= 170.00	170.00	Rm		
16	2 HP three Phase Centrifugal monoblock pump set (Crompton Greaves/ Aquatic/ CRI/ V-Guard make) 2900 rpm A class insulation with DOL Starter (Crompton Greaves/ Control & Switch Gear/ BCH/ L& T / Siemens make) . Total = 1	1	Each			
17	Wiring for drawing sub-main line with P.V.C. insulated single core unsheathed industrial (Multistrand) cable FR conforming to IS-694: 1990 with flexible bright annealed electrolytic copper conductor for voltage grade up to 1100 volts (Finolex /RR Kabel /Nicco / Anchor or Equivalent Make as approved by the Deptt.) including earth continuity in surface/ recessed PVC 20 mm. dia. 2mm thick/ heavy ISI marked IS: 9537 PART - III rigid PVC conduit (Berlia/ AKG / Precision/ Presto Plast/ Polycab/ MW or equivalent make as approved by the Deptt.) wiring system . With 3 x 2.5 sq. mm. + earth continuity with 2x1.5 sq. mm. cable in 25 mm. dia. 2mm thick/ heavy rigid PVC IS: 9537 Part - III conduit.	110.00	Rm			
18	Supplying with fitting and fixing sheet steel, phosphatised, powder painted dust & vermin proof Double door IP-43 surface mounting SPN MCB DB incorporated with bus-bar, Neutral link, Earth bar and din rail etc fitted on wall with grouting nuts & bolts as reqd. complete with making necessary connection as approved, specified and directed by the deptt. ABB, Schneider MG, legrand, Hager make) 4 way SPN double door	1	Each			
19	Supplying with fitting and fixing single Pole 10 KA 240/415V 50Hz MCB of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. C Series (Schneider MG, legrand, Hager make) 6 to 32A	3	Each			

SUB TOTAL =
 Add 18% GST =
 Grand Total =
 Say =

In words: