

**PRICE BID**

**Construction of RCC slow sand water filter (24KL) Capacity at 132/33kV AEGCL GSS Srikona.**

Sl. No.	Description of Item	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-incharge. 2.6.1 All kinds of soil	19.56	cum		
2	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 Jamuna sand, with common burnt clay non modular bricks.	33.12	sqm		
3	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)	2.55	cum		
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	1380.20	kg		
5	Centering and shuttering including strutting, propping etc. and removal of form for 5.9.1 Foundations, footings, bases of columns, etc. for mass concrete.	3.64	sqm		

Sl. No.	Description of Item	Qty	Unit	Rate(Rs)	Amount(Rs)
	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	85.56	sqm		
	Suspended floors, roofs, landings, balconies and access platform	9.23	sqm		
6	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 : 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)	8.31	cum		
7	12 mm cement plaster finished with a floating coat of neat cement of mix :13.7.1 1:3 (1 cement: 3 fine sand)	100.50	Sqm		
8	Coarse sand (zone III)	6.75	cum		
9	Coal (steam)	5.00	Qntl.		
10	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. a) M. S. Angle.	88.56	kg		
11	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :	1.00	Each		
12	Labour charge for washing and placing of sand and coal in the filter unit	12	Man-Days		
13	Providing corrugated galvenised Iron sheet roofing of TATA SHAKTEE / SAIL including fitting and fixing necessary galvenised J or L hooks, bolts and nuts 8 mm dia with bitumen washer 25 mm dia x 3 mm thick and 1.6 mm thick limpet washer complete excluding cost of roof truss, purlin etc. (Roof trusses and purlin etc.to be measured and paid separately). (a) 0.45 mm thick	16.00	Sqm		
14	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed. B) uPVC pipe with uPVC fittings ( Using uPVC high pressure pipe) (Using SUPREME/ PRINCE/ SFMC/ FUSION brand pipe) X. 110mm Dia	10.50	Rm		
15	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed. B) uPVC pipe with uPVC fittings ( Using uPVC high pressure pipe) (Using SUPREME/ PRINCE/ SFMC/ FUSION brand pipe) V. 40mm Dia	3.00	Rm		

Sl. No.	Description of Item	Qty	Unit	Rate(Rs)	Amount(Rs)
16	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches including trenching and refilling the same etc complete as directed. B) uPVC pipe with uPVC fittings ( Using uPVC high pressure pipe) (Using SUPREME/ PRINCE/ SFMC/ FUSION brand pipe) III. 25mm Dia	20.00	Rm		
17	Wiring for circuit wiring 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.) in existing surface conduit wiring system including connection as required. 9.1.4 With 2 x 4 sq. mm. + earth continuity with 1x2.5 sq. mm. copper conductor cable	30.00	Rm		
Net Amount:(A)					
Add GST @ 18% on (A):(B)					
Grand Total:(A)+(B)					
Say					

(Rupees ..... ) only