

Financial Bid

NAME OF WORK: Construction of RCC slow sand water filter at 132KV Umrangso GSS, AEGCL.

Name of bidder:

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
1	Earth work in excavation for foundation trenches of walls retaining walls, footings of column, steps, septic tank etc. including refilling the quantity as necessary after removal of surplus earth with all lead and lifts as directed and specified. (A) Up to a depth of 1.00 m below the existing ground level.	6.21	cum		
2	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. (c).Stone soling of thickness 150mm.	16.56	sqm		
3	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. (a).Brick on flat soling.	18.00	sqm		
4	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed. (I) In Sub-structure upto plinth level including dewatering if necessary (b) In proportion 1:4.	1.67	cum		
5	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary. (c) With river sand or silt (predominantly non plastic) by truck carriage including loading and unloading.	4.97	cum		

6	<p>Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).</p> <p>(a) In prop 1:3:6 aggregate by volume.</p>	2.17	cum		
7	<p>Supplying, fitting and fixing in position reinforcement bars conforming to relevant IS code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapesand placing in position with proper blocks, supports, chairs, spacers etc. complete. (up to 1st floor level).</p> <p>(b) Other ISI approved TMT reinforcement bar (SRMB/SAI/BISCON/Xtech) (For Assam Type Bldg., drain works,,retaining wall&boundary wall etc. .</p>	15.02	Qtl		
8	<p>Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0 M and removal of the same for in-situ reinforced concrete and plain concrete work in:</p> <p>Vertical surface.....</p> <p>(b) Using 25mm thick plank</p>	93.00	sqm		
	<p>(ii) Using 25mm thick plank Horizontal & other surface</p>	10.56	sqm		
9	<p>Providing and laying Plain/Reinforced cement concrete works in prop 1:2:4 including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete works (shuttering where necessary shall be measured and paid separately).</p> <p>(I) Using mixture machine.</p>				
	<p>(B) in superstructure from plinth level upto 1st floor</p> <p>(a) M20 grade concrete or Prop. 1:1.5:3</p>	8.76	cum		

10	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.	3.25	sqm		
11	15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed.	4.92	Sqm		
12	Cement plaster skirting with cement mortar in prop. 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement including rounding of junctions with floor.	108.45	Sqm		
13	Supply and Laying of Coarse Sand for Filter Bed (including related item) rate as per w/oAEGCL/DGM/TTC/TEZ/T-25/2020/2780 Dated 12/10/2020	9.00	cum		
14	Supplying fitting and fixing M.S.angles, M.S. flat, M.S. bolts and nuts including painting with red lead paint one coat complete as directed.	1.14	Qtl		
15	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	11.60	Sqm		
16	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches includind trenching and refilling the same etc complete as directed.	7.00	Rm		
17	Supplying fitting and fixing Pipes with all necessary fittings in exposed or in trenches includind trenching and refilling the same etc complete as directed. 40 mm dia.	80.00	Rm		
18	Supplying and fitting gun metal country pit valve (full way valve) I.S.I. Make as specified and directed. 40 mm dia.	4.00	Each		

19	3 HP Three Phase Centrifugal monoblock pump set (Cromton Greaves/Aquatic/CRI/V-Guard/Calma make) 2900 rpm A class insulation with DOL Starter (Cromton Greaves/Control & Switch Gear/ BCH/ L&T/Siemens make).	1.00	Each		
20	Wiring for drawing sub-main line with 2x1.5 sq mm 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 surface flat 19 mm ISI marked casing 'n' capping (AKG / Precision/ Presto Plast/Polycab/ MW or equivalent make as approved by the Deptt.) system, including connection as required complete as directed and specified by the Deptt.	20.00	m		
Total(Including GST)=					

Seal & Signature of bidder