

PRICE BID 1

Construction of Staging for Syntex Water tank of 4000 litre capacity at 132kV GSS Gohpur

Sl. No.	Description of Item	Qty	Unit	Rate(Including GST)	Amount
(A)	CIVIL WORKS				
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.	18.19	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.	12.96	sqm		
3	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.	15.55	sqm		
4	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)	2.65	cum		
5					
	5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	1782.03	Kg		
	5.22.1 Mild steel and Medium Tensile steel bars				
	Stirru	578.45	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	7.68	sqm		
	5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers	30.42	sqm		
	5.9.2 Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	108.54	sqm		
	5.9.3 Suspended floors, roofs, landings, balconies and access platform	18.12	sqm		

Sl. No.	Description of Item	Qty	Unit	Rate(Including GST)	Amount
7	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 :				
	5.1.3 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)	1.54	cum		
	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)	10.01	cum		
8	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	10.16.1 Hot finished welded type tubes	164.23	Kg		
8	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations sectional T.M.T. hoop bars, including providing 50 mm dia perforations flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer- in-charge.	4.44	Each		
8	15 mm cement plaster on rough side of single or half brick wall of mix:				
	13.5.1 1:4 (1 cement: 4 coarse sand)	98.72	sqm		
9	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	52.00	Sqm		
13	CEMENT PAINT & PRIMER				
	Finishing walls with water proofing cement paint of required shade :				
	13.44.1 New work (Two or more coats applied @ 3.84 kg/10 sqm)	122.72	sqm		
13	Coarse sand (zone III) for filter bed	3.00	cum		
14	Providing and fixing M.S. angle 50x50x5 mm to act as nosing with lugs of M.S. flat 10x5 mm, 10 cm long, forked at end 60cm apart (minimum three lugs to be provided), including necessary welding and applying a priming coat of approved primer on exposed surface etc. complete.	232.00	Kg		
15	Supplying and placing plastic cylindrical vertical closed top (PCVC) tank of Sintex / Polycon / Patton make over the staging with manhole cover with locking and cleaning arrangement including providing pads of size as required for inlet and outlet pipes (ADD 20% ON RATE FOR PRICE ESCALATION) (I)2000 Lt capacity (a) Sintex make	2.00	Each		
16	Labour for erecting and placing PCVCTank over the staging of 5.00m up to 8.00m complete as directed . (a) 2000 litre capacity (ADD 20% ON RATE FOR PRICE ESCALATION)	8.00	Each		
Total=					

PRICE BID 2**Name of Work:- Construction of RCC slow sand water filter (24KL) at 132 KV GSS, Gohpur**

Sl. No.	Description of Item	Qty	Unit	Rate(Including GST)	Amount
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.	6.21	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.	99.36	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 : 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	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. 5.2.2.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	1342.48	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	1.58	sqm		
	5.9.2 Walls (any thickness) including attached pilasters, buttersesses, plinth and string	85.56	sqm		
	5.9.3 Suspended floors, roofs, landings, balconies and access platform	9.23	sqm		
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work 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 de rived from natural sources)	7.90	cum		
7	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations sectional T.M.T. hoop bars, including providing 50 mm dia perforations flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer- in-charge.	7.22	Each		
8	12 mm cement plaster of mix : 13.4.1 1:4 (1 cement: 4 coarse sand)	100.50	Sqm		
9	Coarse sand (zone III) for filter bed	9.00	cum		
10	Providing and fixing M.S. angle 50x50x5 mm to act as nosing with lugs of M.S. flat 10x5 mm, 10 cm long, forked at end 60cm apart (minimum three lugs to be provided), including necessary welding and applying a priming coat of approved primer on exposed surface etc. complete. M. S. Angle.	115.74	Kg		
11	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm 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 ² .	26.03	Sqm		
B	Sanitary & water Supply works				
12	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge.	7.00	Rm		

Sl. No.	Description of Item	Qty	Unit	Rate(Including GST)	Amount
13	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge.	6.00	Rm		
14	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :	1.00	Each		
Total					

PRICE BID 3

Renovation of Security Booth at 132KV GSS, Gohpur

Sl no.	Description of Item	Qty	Unit	Rate(Including GST)	Amount
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. 15.2.1 Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	2.73	Cum		
	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)	1.09	Cum		
	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).	1.63	Cum		
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	65.88	Sqm		
3	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. 14.1.1 With cement mortar 1:4 (1 cement : 4 fine sand)	94.95	Sqm		
4	White washing with lime to give an even shade : 13.37.1 New work (three or more coats)	94.95	Sqm		
5	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. 13.52.2 On concrete work	94.95	Sqm		
6	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : 15.12.1 Of area 3 sq. metres and below	3.00	Each		

7	<p>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).</p> <p>9.1.3 Kiln seasoned and chemically treated hollock wood</p>	0.05	Cum		
8	<p>Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:-Butt hinges and necessary screws shall be paid separately)</p> <p>9.5.2 Kiln seasoned and chemically treated hollock wood</p> <p>9.5.2.2 30 mm thick shutters</p>	4,32	Sqm		
9	<p>Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.</p> <p>13.85.1</p> <p>With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre</p>	6.32	Sqm		
10	<p>Varnishing with varnish of approved brand and manufacture:</p> <p>13.113.2 One or more coats with spar varnish</p>	6.32	Sqm		
11	<p>Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.</p> <p>1.1.3Group C</p>	1.00	Each		
12	<p>Supplying including fitting fixing of following A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection as approved by the Deptt.)as required complete and as directed by the Department [Without regulator].</p> <p>27.1.4 High speed 1050 mm sweep ORIENT PSPO make) /High speed 900 mm sweep (ORIENT PSPO make) (WITH 20% PRICE ESCALATION ON THE RATE)</p>	1.00	Each		
					Total