

**GUJARAT INDUSTRIES POWER COMPANY LIMITED
BARODA
SECTION - D**

Tender No: MAT/MM/EFFLUENT CONS./GIPCL/2017-18 dt.22.02.2017

Name of work: Construction of RCC effluent pit near DM plant at Baroda plant.

Sr. No.	Item Description	Quantity	Unit	Unit Rate (in Rs.)	Total Amount (In Rs.)
1	Dismantalling work shall include working at all height including scaffolding , stacking the serviceable material to GIPCL store or as directed by Engineer in charge, transportation of debries out side premises, etc. complete for the following:				
(a)	Dismt. PCC of any mix	1	M ³	636.00	636.00
(b)	Dismnt. - R.C.C. of any mix including cutting of reinforcement.	1	M ³	1,909.00	1,909.00
2	Lump sum charges for Dismantalling work necessary for excavation of pit including breaking of existing RCC floor by breaker machnie, breaking of RCC drains, fdns, cutting reinforcement, removing of debries, rubble, etc. with all respects, transportation of debries out side premises, and any other related hidden works required for excavation of pit at DM plant area, removing of debries out side premise, shifting reinforcement steel at GIPCL store, etc. complete. <u>Since the job is on lump sum basis, Bidders are advised to visit the site before quoting the rate to get the idea of working conditions & quantum of work.</u>	1	Lump sum	25,000.00	25,000.00
3	Earthwork in excavation below ground level for Pit, pedestals, drains, foundations including stacking required quantity of excavated soil at nearby area within plant for backfilling, shoring, strutting, dewatering where required (until work completed), shifting of surplus soil out side premises, etc. complete as per instruction of Engineer-in-charge for the following:				
(a)	For excavation upto 1.50 mtr. from the average ground level.	150	M ³	210.00	31,500.00
(b)	Do as above but for depth above 1.50 mtr. & upto 3.00 mtr.	110	M ³	250.00	27,500.00
(c)	Do as above but for depth above 3.00 mtr. & upto 5.0 mtr & above.	175	M ³	310.00	54,250.00
4	Backfilling using excavated earth stacked within plant area including transportation, sprading in layers, watering, compaction up to 95% standard proctor density, etc. complete for all depth.	200	M ³	65.00	13,000.00

Sr. No.	Item Description	Quantity	Unit	Unit Rate (in Rs.)	Total Amount (In Rs.)
5	Providing and laying in position Plain Cement Concrete - PCC 1:4:8 (1 cement: 4 Coarse sand: 8 graded Black trap stone aggregate 20 mm. Maximum nominal size) in foundation leveling course, plinth protection, drains etc. at any depth and at any elevation as per drawing including curing, compacting, providing formwork wherever required etc as directed by Engineer complete.	10	M ³	1,957.00	19,570.00
6	Providing and placing in position reinforced cement concrete of grade M25 (design mix) with 20mm downgraded coarse aggregate with a minimum cement content of 400Kg per cum of concrete using OPC-53 Grade Cement for all types of RCC works for water retaining structures like effluent pit, drains, chambers, etc.including mixing, placing, vibrating, finishing, curing, addition of of water proofing admixture Dr. fixit - Pidiproof or equivalent approved make, pressure grouting with cement mix 1:1 slurry at construction joints, weak spot / honeycombs and testing the same for water tightness as per requirement of IS 3370 and making good defects / leakages as instructed by engineer, placing and fixing embedment, insert plates, pipe sleeves, anchor bolts (using template), providing construction joints etc. complete at all levels, leads and lifts all as per specifications & drawings and as directed by the Engineer in charge but excluding cost of formwork and Reinforcement work (which will be paid separately in respective items). Rates also include cost of water proofing admixture, testing and rectification of leakages, etc.	55	M ³	5,100.00	280,500.00
7	Providing and laying reinforced cement concrete Grade M15 with graded stone aggregates 20 mm nominal size for all RCC works for grade slab, drains, foundations, column, etc. including mixing and placing concrete in position, compacting, vibrating, curing, leaving cut-outs/pockets, inserts/ embedment's etc. complete all as per detail technical specifications, drawings and as directed by Engineer-in-Charge but excluding cost of form work & Reinforcement work (which will be paid separately in respective items).	12	M ³	2,450.00	29,400.00
8	Providing, erecting & removing form work of all type of concrete works at all elevation below or above grade level and for all shapes including scaffolding, centering, bracing, providing, openings/ cutouts/ pockets, etc. complete as per specifications and as directed by Engineer. Form work shall be of good quality ply wood/Acro plates for medium smooth finish.	350	M ²	274.00	95,900.00

Sr. No.	Item Description	Quantity	Unit	Unit Rate (in Rs.)	Total Amount (In Rs.)
9	Charges for laying reinforcement steel work including shifting from GIPCL store, cutting, bending, fixing and tie in position as per approved drawings at all locations & levels as directed by engineer in charge with for all RCC works including binding with 2 strands of soft annealed 18G G.I. wire, cover blocks, etc. complete including cost of all required labours, tools & tackles, transportation, loading, unloading, shifting, etc complete as directed by engineer in charge.	7	MT	5,385.00	37,695.00
10	Providing, laying and fixing in position PVC water stops 150mm wide, 8 mm thick serrated with central bulb of approved make & quality from reputed manufacturers at all elevations for construction joints as per drawing and specifications including necessary template /shuttering to hold in position.	115	Rmt	425.00	48,875.00
11	Providing 15 mm thick plain faced cement plaster (mala finish) in cement mortar 1:4 (1 cement: 4 sand) for RCC & brick work including tancha on RCC surfaces, adding Fosroc/pedilite / sikka or its equivalent approved quality water proofing admixture as per manufacturer's recommendation, finishing the surfaces till the top surface gets smooth, scaffolding, curing, etc. complete as per specifications	5	M ²	215.00	1,075.00
12	Providing & laying epoxy lining with LAPOX epoxy system of ATUL to withstand 30% HCL and 50% NAOH on cement concrete surfaces of walls, foundations, drains, chambers, pits, floors, etc. as per manufacturer's specifications including preparing surfaces by acid washing, wire brushing, removing of concrete lumps, existing loose lining if any, applying primer coat, epoxy screed, filling of putty for rectifying/ levelling existing surface, applying two sealer coats, etc. complete as directed by Engr.				
(a)	For 3mm thick lining on wall	130	M2	810.00	105,300.00
(b)	For 5mm thick lining on floor	40	M2	950.00	38,000.00
13	Supply, fabricating and erection in position M.S. hand railing using 40mm dia M.S. pipe - B class including welding vertical supports at every 1.0m. and two horizontal pipes, miter cutting, welding, grinding, fixing MS bend at corners, applying one coat of red oxide primer, etc. complete as per instruction of engineer in charge with all materials.	300	Kg	80.00	24,000.00
14	Supply of Labours for any type of works inclusive of all tools, tackles, supervision, Labour Laws liabilities, Insurance, transportation, fuel, etc. for day of eight working hours :				
(a)	For Unskilled labour	5	No	400.00	2,000.00
(b)	For supply of Mason	2	No	600.00	1,200.00
(c)	Carpentor	5	No	680.00	3,400.00

Sr. No.	Item Description	Quantity	Unit	Unit Rate (in Rs.)	Total Amount (In Rs.)
	TOTAL AMOUNT Rs.				840,710.00
	Agreed at the same rate as per SOR				
% Above Schedule of Rates				
% Below Schedule of Rates				
	NOTE:				
1	The quoted rates shall be inclusive of all taxes, transportations, duties, loading , unloading, etc.				
2	The work shall be carried out at existing D.M. Plant area in running plant. Contractor have to accommodate the working sequance and try to minimise the disturbances to present operations.				
3	Work shall be completed within 60 days from the date of site clearance.				
4	Cement and reinforcement steel shall be issued free of cost by GIPCL at store.				
5	Construction water and power shall be supplied free of cost by GIPCL at one point.				
	Seal & Signature of bidder: →				