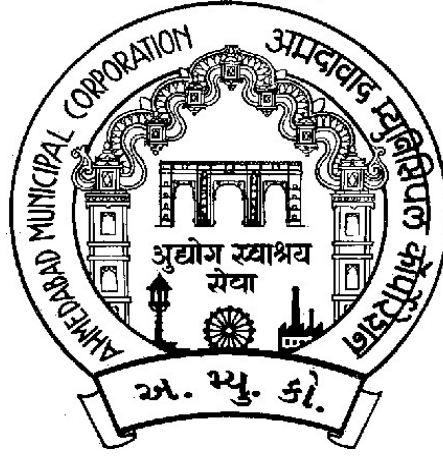


AHMEDABAD MUNICIPAL CORPORATION
(ENGINEERING DEPARTMENT-SOUTH WEST ZONE)



TENDER DOCUMENT

**Construction of Out fall Structure at different lake and different places in Dy.C.E. -2
area of South West Zone (ARC)**

(Tender No:05(05/2026-27)

Volume -2 Price Bid

Client-

AHMEDABAD MUNICIPAL CORPORATION

(Engineering Department - South West Zone)

Late Shri Tushar Deshmukh bhavan,

Near Shelby Hospital, Karnavati club Road,

Jodhpur, Ahmedabad-380015.

AHMEDABAD MUNICIPAL CORPORATION
(ENGINEERING DEPARTMENT-SOUTH WEST ZONE)

Name of Work : **Construction of Out fall Structure at different lake and different places in Dy.C.E. -2 area of South West Zone (ARC)**

Sr. No.	QTY	Item Description	Rate (w/o GST) in Rs.	Per	Amount
		Earth Work			
1	30.00	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead .(A) Loose or soft soil	115.92	Cmt.	3,477.60
2	30.00	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil (04002A)	128.52	Cmt.	3,855.60
3	30.00	Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (A) Loose or soft soil	141.11	Cmt.	4,233.30
4	6.00	Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead. (a)Loose or soft soil	20.91	Cmt.	125.46
		Excavation Work			
5		Excavation for pipe line trenches for water supply, sewerage line, manhole etc. all with shoring and strutting if required as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and strata as specified. In all sorts of soil and soft murrum.			
	78.75	0 to 1.5 meter depth.	79.46	Cmt	6,257.48
	67.50	1.5 to 3 meter depth.	87.50	Cmt	5,906.25
	56.25	3 to 4.50 meter depth.	91.96	Cmt	5,172.75
	6.00	4.50 to 6.00 meter depth.	97.32	Cmt	583.92
		Filling Work			-
9	90.00	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	129.10	Cmt	11,619.00
10	60.00	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete	286.20	Cmt	17,172.00
11	60.00	Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete	594.61	Cmt	35,676.60

	0.00	Boring			-
12	30.00	Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(iii) 300 mm	431.14	Rmt	12,934.20
13	6.00	Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(iii) 300 mm	642.30	Each	3,853.80
14	120.00	Empty Boring through all sorts of strata for providing 0.6 mt. diameter RCC bored piles to required depth including providing necessary casing pipe with all plants and equipments as required complete(excluding Concrete & Reinforcement)	451.25	Rmt	54,150.00
15	35.00	Providing and casting in situ machine mixed controlled cement concrete M-35 for RCC bored piles 0.6mtr.dia. Using Tremie Pipe including necessary flushing,dewatering ,formwork ,transporting , compacting, vibrating, curing and finishing including all leads & lifts complete as per detailed specifications (Excluding Reinforcement)	3670.59	Cmt	1,28,470.65
	0.00	cement concrete (PCC)			-
16	18.00	Providing and laying cement concrete 1:3:6 (1- Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	2976.00	Cmt	53,568.00
17	15.00	Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	2653.67	Cmt	39,805.05
	0.00	TMT Bar			-
18	9600.00	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	75.46	Kg	7,24,416.00
	0.00	Concrete			-
19	0.60	Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings,Base of columns and Mass concrete	3871.39	Cmt	2,322.83
20	0.60	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete.	4238.04	Cmt	2,542.82
21	1.20	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level	4519.88	Cmt	5,423.86
22	1.20	Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level	4593.91	Cmt	5,512.69

23	3.00	Providing and laying in position Ready Mixed M 200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained)	4793.10	Cmt	14,379.30
24	60.00	Providing and laying in position Ready Mixed M 250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg)	4853.56	Cmt	2,91,213.60
25	60.00	Providing and laying in position Ready Mixed M 300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg	5043.66	Cmt	3,02,619.60

26	60.00	Providing and laying in position Ready Mixed M 350 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 500 kg)	5140.94	Cmt	3,08,456.40
	0.00	Brick			-
27	15.00	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional	4011.66	Cmt	60,174.90
28	30.00	(i) Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 - coarse sand) in foundation and plinth (A) Modular (06008A1A)	584.68	Smt	17,540.40
	0.00	Form Work			-
29	210.00	Providing formwork 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 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete.	171.68	Smt	36,052.80
30	120.00	Providing formwork 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 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls	229.95	Smt	27,594.00
	0.00	(any thickness) partitions and the like including attached buttresses & string course & the like.			-
	0.00	Misc.items			-

31	150.00	<p>MS work : Providing, fabricating, assembling, hoisting/ erecting and fixing in position at all heights/ all levels/ all floors/ all shapes & sizes with all leads & lifts using MS Rolled Steel Sections, Hollow sections, Tubular Sections, MS Plates, Chequered Plates, MS Pipes, Perforated Sheet, Flats, Bright Bars, Angles, MS Sheet, Girder, Beam, cattle trap. eep threaded MS bolts, threaded J bolts, insert plate, support plate etc as per drawing. all confirming to latest relevant IS codes for the work of steel structures like staircases, ilings, handrail, jali, gates, grills, bracings, platforms, brackets, monkey ladder, cattle trap, windows, pipe rack, rungs, false ceiling frame work, Roof canopy, fencing posts, M.S. Screen & fencing jali frame work etc. including straightening, cutting, bending, bolting and welding the members all as per structural drawings and as per detailed specifications (for materials &workmanship) including necessary scaffolding/ staging etc. complete in the situations described hereinafter and comprising of : 1) Profile Cutting of components to required length/ width and shape/ profile; 2) Smooth grinding/ machining of edges/ faces/ all welding joints; 3) Necessary welding (electric arc welding) for required weld lengths and sizes. 4) Machine drilling of holes for joining/ anchoring (Standard measurements will be paid for as actual cut length used at site) The rate shall include dry sanding, degreasing (wet cleaning) & preparation of rustfree surface manually or mechanically, metal putty to make the surface even and smooth, 2 coat zinc chromate yellow oxide primer and 2 coat of enamel paint of approved shade of paint over all the surfaces of the steel sections or as specified in the drawing. 5)including all Cutting of mild steel/ structural steel plate with CNC plasma/ water jet/ laser cut / Friction Sawing cutting of custom design shape as per drawing and instruction of the architect up to any thickness. Note: Sample as per drawing shall be get approved from the consultants before procurement of material by the contractor. Work shall carried out as per the approved sample. Any change required in the fabrication drawings shall be carried out at No extra cost. Fabrication shall be in a perfect architectural workmanship manner and as provided in section V & VI of IS 800 & IS 7215. Welding shall be carried out by qualified welders/ fabricators.It should also include the cost of necessary scaffolding/ staging, zinc coated nut-bolt as required for safety,structural stability of all works at site.All product Make approved as per tender and architect selection.</p>	128.29	Kg	19,243.50
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32	60.00	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of $\pm 2\%$) Zinc+PVC coated, Mesh wire diameter 2.7/3.7 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2 mm (ID/OD), supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge	3584.50	Cmt.	2,15,070.00
33	60.00	Supplying and stacking of hard stone (for stone pitching) 22.5 cm thick at site.	966.10	Cmt	57,966.00
34	300.00	Dry stone pitching 22.5 cm thick laid in courses and required profile with hammer dressed stones having no side less than 15 cm, with minimum depth of 20 cm including preparing the bedding surface etc. all complete. (Payment for Stone to be made separately).	487.30	Smt	1,46,190.00
35	300.00	Labour charges for dry stone pitching of 22.5 cm. thick including preparing the surface etc complete.	307.13	Smt	92,139.00
	0.00	Utility			-
36	0.00	Manufacturing, Testing, Supplying, Loading, Transporting to Work Site, Unloading, Lowering In Trenches, Laying And Jointing R.C.C., Np-3 Class Pipes With socket and spigot joints as per IS 458-2003 Including EPDM Rubber ring as per IS 5382-1985 etc. comp. As Directed by engineering in charge			-
	3.00	300 mm internal diameter - NP3 class	888.37	Rmt	2,665.11
	6.00	450 mm internal diameter - NP3 class	1539.32	Rmt	9,235.92
	12.00	600 mm internal diameter - NP3 class	2212.85	Rmt	26,554.20
	6.00	750 mm internal diameter - NP3 class	2238.00	Rmt	13,428.00
	12.00	900 mm internal diameter - NP3 Class	2882.00	Rmt	34,584.00
	3.00	1000 mm internal diameter - NP3 Class	3487.00	Rmt	10,461.00
	12.00	1200 mm internal diameter - NP3 Class	4796.00	Rmt	57,552.00
	0.60	1400 mm internal diameter - NP3 Class	6332.00	Rmt	3,799.20
	0.60	1600 mm internal diameter - NP3 Class	8155.00	Rmt	4,893.00
37	42.00	Providing and laying rubble soling of required thickness, under trenches, pits, foundations etc. including hand packing, laying in proper grade, spreading, filling the interstices with sand/quarry dust/grit including watering, consolidation by rolling/compacting mechanically with 3-5 ton compactor etc complete as per drawings, specifications and as directed by EIC.	1900.00	Cmt	79,800.00

38	0.00	Conveyance charge of earth, lime, murrum, building rubbish, manure, garbage, sludge, excavated rock, fly ash, aggregates of any kind executed outside the road site. Rate also includes spreading & levelling etc complete. Internal conveyance above 50 mt done within the work site is not payable.			-
	0.60	a) Lead up to 1 Km.	23.38	Cu.M	14.03
	0.60	b) Lead From 1Km to 2 Km.	30.94	Cu.M	18.56
	0.60	c) Lead From 2 Km to 3 Km.	38.37	Cu.M	23.02
	0.60	d) Lead From 3 Km to 4 Km.	45.52	Cu.M	27.31
	0.60	e) Lead From 4 Km to 5 Km.	52.42	Cu.M	31.45
	204.93	f) Lead From 5 Km to 10 Km.	78.54	Cu.M	16,095.13
	30.00	g) Lead From 10 Km to 15 Km.	104.65	Cu.M	3,139.50
	0.00	Machinery			-
39	0.60	Providing and operation dewatering Pump including fuel charges & operator Charges etc. as directed etc. comp. (Shift for Eight Hour) (For Each Pump Set, No payment should be allowed for non working condition of machinery)	600.00	Shift	360.00
40	1.20	Hiring and operating Mud Pumps incl. Cost of fuel and operator including the cost of to and fro transportation, laying of the delivery hoses as required, lowering and lifting the pumps as and when required etc. complete. Set Do As Directed. (No payment should be allowed for non working condition of machinery)	16.00	H.P/Hr	19.20
41	0.60	Hiring and operating the 20 KV 3 Phase Electric Generator for operating desilting machinery, and lighting and other requirements with Arranging diesel to run the D.G. Set Do As Directed. 8 Hrs Shift. (No payment should be allowed for non working condition of machinery)	2800.00	Shift	1,680.00
42	0.60	Providing & Supplying JCB Machine on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg. in charge, rate includes all nece. shifting, fuel and operating charges and stacking of useful & non-useful materials separately up to store. (No payment should be allowed for non working condition of machinery and for pipe line excavation and laying work)	600.00	Hour	360.00
43	3.00	Supplying Pneumatic Breaker Machine for RCC Slab or Asphalt Demolishing Work on site by using Operator, fuel, power Supply etc. Complete as Directed. (No payment should be allowed for non working condition of machinery and for pipe line excavation and M.H. work. Allowed only for break down work)	600.00	HR.	1,800.00

44	0.60	Providing & Supplying Hitachi Machine-110 capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg. in charge, rate includes all nece. shifting, fuel and operating charges . (No payment should be allowed for non working condition of machinery)	2000.00	HR.	1,200.00
45	1.20	Providing & Supplying Hitachi Machine-200 capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges. (No payment should be allowed for non working condition of machinery)	2700.00	HR.	3,240.00
46	0.60	Providing & Supplying hydra carne Machine of 12 tone capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg. in charge, rate includes all nece. shifting, fuel and operating charges. (No payment should be allowed for non working condition of machinery)	5500.00	Per 8 hr Shift	3,300.00
Total Estimated Tender Rs.					29,90,000.00

I/We am/are willing to carry out the work at _____% above/below _____% (should be written in figures and words below/above the estimated rates mentioned above. Amount of my/our tender works out as under:

Notes :

- 1) % above / below is to be submitted online only.
- 2) All work shall be carried out as per the specifications or as directed.
- 3) Rates quoted include cleaning of site (prior to commencement of work and at its close) in all respects and hold formwork under all conditions, site moisture, weather, etc..
- 4) All the item rate are considering excluding cost of GST as per Government of Gujarat Road And Building Dept. Reso. No. TNC/102022/457/C Dt.05/04/2022. So, bidder shall be consider this change in BOQ

Seal and Signature of the Bidder

**Addl. City Engineer
(SOUTH WEST ZONE)**