

COMMITTEE MEMBERS

- 1. Sh. K. R. Autade, AGM (E-C)**
- 2. Sh. Bidyut Roy, AGM (E-E)**
- 3. Sh. Chandrakant Patade, SM (Fin.)**
- 4. Sh. Naresh Gaikar, Mgr. (Fin.)**

BOQ Summary Details	
Tender Title: Construction of 50,000 Liters RCC Underground Water Tank and 25,000 Liters RCC Overhead Water Tank at Kolhapur Airport.	
Tender ID: 2024_AAI_221369_1	

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	Shri Laxminarayan Construction (BID ID -802782)	4685099.00	L1
	2	VISHVESHWARA ENTERPRISE (BID ID -802899)	5798705.00	L2

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 20/01/2025
 SMIF-2

Tender Inviting Authority: <SM (Engg.-Civil), AAI, Kolhapur Airport >
Name of Work: <Construction of 50,000 litres RCC Underground Water Tank and 25,000 litres RCC Over Head Water Tank at Kolhapur Airport >
Contract No: <2024_AAI_221369_1>

L1 Amount	L1 Vendor
19800.00	Shri Laxminarayana Construction
15000.00	VISHVESHWARA ENTERPRISE
75750.00	Shri Laxminarayana Construction
143190.00	Shri Laxminarayana Construction
360400.00	Shri Laxminarayana Construction

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6.00	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	37.00	Sqm
7.00	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	187.00	Sqm
8.00	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies, and access platform	95.00	Sqm
9.00	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	70.00	Sqm
10.00	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	89.00	Sqm
11.00	Centering and shuttering including strutting, propping etc. and removal of form for Edges of slabs and breaks in floors and walls Under 20 cm wide	73.00	Meter
12.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	4995.00	Kg
13.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	4130.00	Kg

350.00	12950.00	550.00	20350.00
600.00	112200.00	790.00	147730.00
700.00	66500.00	850.00	80750.00
700.00	49000.00	900.00	63000.00
700.00	62300.00	1000.00	89000.00
200.00	14600.00	1150.00	83950.00
85.00	424575.00	79.00	394605.00
85.00	351050.00	79.00	326270.00

12950.00	Shri Laxminarayan Construction
112200.00	Shri Laxminarayan Construction
66500.00	Shri Laxminarayan Construction
49000.00	Shri Laxminarayan Construction
62300.00	Shri Laxminarayan Construction
14600.00	Shri Laxminarayan Construction
394605.00	VISHVESHWARA ENTERPRISE
326270.00	VISHVESHWARA ENTERPRISE

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14.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level Concrete of M30 grade with minimum cement content of 350 kg /cum	40.00	Cum
15.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth level upto floor V level Concrete of M30 grade with minimum cement content of 350 kg /cum	30.00	Cum

7400.00	296000.00	7500.00	300000.00
7500.00	225000.00	7200.00	216000.00

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16.00	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	50.00	Sqm
17.00	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). Second class teak wood	.10	Cum
18.00	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	3.00	Sqm
19.00	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.	2700.00	Kg
20.00	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. Hot finished welded type tubes	1796.00	Kg
21.00	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1330.00	Kg
22.00	Providing and laying Ceramic glazed floor tiles of size 300x300 mm thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	22.00	Sqm

950.00	47500.00	1500.00	75000.00
140000.00	14000.00	225000.00	22500.00
3200.00	9600.00	15000.00	45000.00
90.00	243000.00	95.00	256500.00
110.00	197560.00	125.00	224500.00
110.00	146300.00	95.00	126350.00
950.00	20900.00	1100.00	24200.00

47500.00	Shri Laxminarayana Construction
14000.00	Shri Laxminarayana Construction
9600.00	Shri Laxminarayana Construction
243000.00	Shri Laxminarayana Construction
197560.00	Shri Laxminarayana Construction
126350.00	VISHVESHWARA ENTERPRISE
20900.00	Shri Laxminarayana Construction

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23.00	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand)	373.00	Sqm
24.00	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 20 mm cement plaster	75.00	Sqm
25.00	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	81.00	Sqm
26.00	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	25.00	Per bag of 50kg cement used in the mix
27.00	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour: New work (Two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre.	38.00	Sqm
28.00	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	224.00	Sqm
29.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	132.00	Sqm
30.00	Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator, vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-in-charge. (The panel shuttering work shall be paid for separately). (Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately).	117.00	Cum

300.00	111900.00	550.00	205150.00
400.00	30000.00	625.00	46875.00
500.00	40500.00	525.00	42525.00
50.00	1250.00	110.00	2750.00
125.00	4750.00	130.00	4940.00
136.00	30464.00	225.00	50400.00
170.00	22440.00	250.00	33000.00
6300.00	737100.00	7700.00	900900.00

111900.00	Shri Laxminarayana Construction
30000.00	Shri Laxminarayana Construction
40500.00	Shri Laxminarayana Construction
1250.00	Shri Laxminarayana Construction
4750.00	Shri Laxminarayana Construction
30464.00	Shri Laxminarayana Construction
22440.00	Shri Laxminarayana Construction
737100.00	Shri Laxminarayana Construction

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31.00	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	78.00	Cum
32.00	Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910, on 12 mm dia steel bar conforming to IS: 1786, having minimum cross section as 23 mmx25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	10.00	Each
33.00	Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete : Serrated with central bulb (225 mm wide, 8-11 mm thick)	69.00	Meter

1900.00	148200.00	3200.00	249600.00
600.00	6000.00	1000.00	10000.00
1000.00	69000.00	600.00	41400.00

148200.00	Shri Laxminaraya n Constructio n
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34.00	Providing and mixing integral crystalline admixture for water proofing treatment to RCC structures like basement raft, retaining walls, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc. at the time of transporting of concrete into the drum of the ready-mix truck, using integral crystalline admixture @ 0.80% (minimum) to the weight of cement content per cubic meter of concrete) or higher as recommended by the manufacturer's specification in reinforced cement concrete at site of work. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e. by reducing permeability of concrete by more than 90%, compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure. The crystalline admixture shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the Engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.	195.00	Kg
35.00	Brick work with fly ash bricks of class designation 5.0 in superstructure above plinth level upto floor V level in all shapes and sizes in : Cement Mortar 1:6 (1 cement : 6 coarse sand)	36.00	Cum
36.00	Providing and fixing G.I. pipes complete with G.I. fittings and clamps as per direction of Engineer In Charge etc. External work. 65 mm dia nominal bore	45.00	Meter
37.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 65 mm nominal bore	1.00	Each
38.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 65 mm nominal bore	2.00	Each
39.00	Providing and fixing G.I. pipes complete with G.I. fittings and clamps as per direction of Engineer In Charge etc. External work 150 mm dia nominal bore	40.00	Meter
40.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 150 mm nominal bore	2.00	Each

250.00	48750.00	1000.00	195000.00
5000.00	180000.00	6800.00	244800.00
600.00	27000.00	450.00	20250.00
2000.00	2000.00	5000.00	5000.00
1200.00	2400.00	400.00	800.00
500.00	20000.00	1500.00	60000.00
3500.00	7000.00	10000.00	20000.00

48750.00	Shri Laxminaraya n Constructio n
180000.00	Shri Laxminaraya n Constructio n
20250.00	VISHVESH ARA ENTERPRIS E
2000.00	Shri Laxminaraya n Constructio n
800.00	VISHVESH ARA ENTERPRIS E
20000.00	Shri Laxminaraya n Constructio n
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41.00	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 65 mm nominal bore. Horizontal	2.00	Each
42.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 150 mm nominal bore	3.00	Each
43.00	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 modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	5.00	Point
44.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	10.00	Meter
45.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	3.00	Each
46.00	Supply of 20 watts LED tubelight fixture, suitable for operation at 230V, 50Hz AC supply as per list of approved makes etc complete as required (Philips 20w stellar bright TLED or equivalent)	10.00	Nos.
47.00	Installation, Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFU/LED lamps per fitting, complete with all accessories including connections etc. as required.	5.00	Job
48.00	Supplying and fixing TPN sheet steel enclosure on surface/ recess along with provision & fixing of 6A to 32A, 240 V, TPN MCB complete with connections, testing and commissioning etc. as required	1.00	Job
49.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 8 way, Double door	1.00	Job

3200.00	6400.00	8000.00	16000.00
2500.00	7500.00	1000.00	3000.00
1994.00	9970.00	400.00	2000.00
700.00	7000.00	300.00	3000.00
1800.00	5400.00	700.00	2100.00
375.00	3750.00	2000.00	20000.00
100.00	500.00	1000.00	5000.00
3300.00	3300.00	5000.00	5000.00
9500.00	9500.00	6000.00	6000.00

6400.00	Shri Laxminarayana Construction
3000.00	VISHVESHWARA ENTERPRISE
2000.00	VISHVESHWARA ENTERPRISE
3000.00	VISHVESHWARA ENTERPRISE
2100.00	VISHVESHWARA ENTERPRISE
3750.00	Shri Laxminarayana Construction
500.00	Shri Laxminarayana Construction
3300.00	Shri Laxminarayana Construction
6000.00	VISHVESHWARA ENTERPRISE

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50.00	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole.	1.00	Job
51.00	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole.	6.00	Job
52.00	Supply of 1.1 KV grade aluminium conductor & XLPE insulated and PVC sheathed armoured cable of following sizes conforming to IS:1554(Part 1)1988 / IS:7098 (Part 1) with up to date amendments. 4c X 16 sq.mm	250.00	Meter
53.00	Laying of following size DWV HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (80 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. 63 mm dia	150.00	Meter
54.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm.	50.00	Meter
55.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC / HUME / METAL / HDPE pipe as required. 35 Upto 35 sq. mm	200.00	Meter
56.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 4 X 16 sq. mm	2.00	Each
57.00	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing cable as required	250.00	Meter
58.00	Supply installation testing and commissioning of 12.5 HP, 1800 LPM, 27 m head, 3 phase 415 V openwell submersible pump including laying and connection of flat submersible cable etc. complete as required.	1.00	Nos.

900.00	900.00	2500.00	2500.00
325.00	1950.00	1000.00	6000.00
300.00	75000.00	100.00	25000.00
120.00	18000.00	100.00	15000.00
50.00	2500.00	100.00	5000.00
35.00	7000.00	100.00	20000.00
250.00	500.00	3000.00	6000.00
40.00	10000.00	150.00	37500.00
84000.00	84000.00	12000.00	12000.00

900.00	Shri Laxminarayana Construction
1950.00	Shri Laxminarayana Construction
25000.00	VISHVESHWARA ENTERPRISE
15000.00	VISHVESHWARA ENTERPRISE
2500.00	Shri Laxminarayana Construction
7000.00	Shri Laxminarayana Construction
500.00	Shri Laxminarayana Construction
10000.00	Shri Laxminarayana Construction
12000.00	VISHVESHWARA ENTERPRISE

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59.00	Supply of 3 core, 4 sqmm, 1.1 KV Flat sheathed submersible copper conductor cable of 1.1KV grade conforming to IS.694-1990 etc complete as required.	50.00	Meter
60.00	Supply, Installation, Testing and Commissioning of Star Delta Starter Panel for 12.5 HP pump including providing suitable rating Fuse set, termination of cables, connections etc. complete as required. Motor specification for selection of starter: Motor rating - 12.5 HP openwell submersible Supply - 415 Volt AC supply Frequency - 50 HZ Ratde Current -13.21 A	1.00	Job

180.00	9000.00	300.00	15000.00
18000.00	18000.00	100000.00	100000.00

9000.00	Shri Laxminarayan Construction
18000.00	Shri Laxminarayan Construction

Total in Figures

4685099.00

5798705.00

Lowest Amount Quoted BY: Shri Laxminarayan Construction(4685099.00)

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 20/01/2015
 S.M. (E.E.)