

Government eProcurement System Created By: Bidyut Roy Created Date/Time: 25-Jul-2025 04:50 PM Tender Title: Construction of Localizer (LLZ) and GP (Glide Path) at Kolhapur Airport. SH Electrical works Tender ID: 2025_AAI_238848_1
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Tender Inviting Authority: ASST. GENERAL MANAGER (ENGG-ELECT), AIRPORTS AUTHORITY OF INDIA, KOLHAPUR AIRPORT, KOLHAPUR

Name of Work: Construction of Localizer (LLZ) and GP (Glide Path) at Kolhapur Airport. SH : Electrical works.

Contract No: 2025_AAI_238848_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	DOSHI ELECTRIC ENGG. CO. (GSTN-24AAEFD3355K1ZI) BID ID -871741	Yash Energy Pvt. Ltd (GSTN-24AAACY3771H1ZA) BID ID -872750	PAVAN QUICK SERVICE (GSTN-NA) BID ID -872739	Virtus Techno (GSTN-NA) BID ID -872767				
					Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
1.00	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 medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Group C	52.00	Each		900.00	46800.00	1850.00	96200.00	1400.00	72800.00	1428.00	74256.00
2.00	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	80.00	Meter		550.00	44000.00	475.00	38000.00	550.00	44000.00	660.00	52800.00
3.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	180.00	Meter		330.00	59400.00	285.00	51300.00	350.00	63000.00	336.00	60480.00
4.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100.00	Meter		220.00	22000.00	195.00	19500.00	250.00	25000.00	276.00	27600.00
5.00	Supplying and fixing following size/ modules, PVC box alongwith modular base & cover plate for modular switches in recess etc as required. 3 Module	16.00	Each		185.00	2960.00	235.00	3760.00	400.00	6400.00	360.00	5760.00
6.00	Supplying and fixing following size/ modules, PVC box alongwith modular base & cover plate for modular switches in recess etc as required. 6 Module	14.00	Each		280.00	3920.00	325.00	4550.00	500.00	7000.00	540.00	7560.00
7.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 16 A switch	42.00	Each		185.00	7770.00	155.00	6510.00	200.00	8400.00	228.00	9576.00
8.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 pin 6/16 A socket outlet	42.00	Each		232.00	9744.00	220.00	9240.00	350.00	14700.00	360.00	15120.00

L1 Amount	L1 Vendor
46800.00	DOSHI ELECTRIC ENGG. CO.
38000.00	Yash Energy Pvt. Ltd
51300.00	Yash Energy Pvt. Ltd
19500.00	Yash Energy Pvt. Ltd
2960.00	DOSHI ELECTRIC ENGG. CO.
3920.00	DOSHI ELECTRIC ENGG. CO.
6510.00	Yash Energy Pvt. Ltd
9240.00	Yash Energy Pvt. Ltd

9.00	Supplying and fixing brass batten/ angle holder including connection etc. as required.	4.00	Each
10.00	Supply of 20 W LED Inverter/ rechargeable bulb With Auto-Charge Technology having Emergency time backup of not less than 4 Hours at min. of 50% illumination, suitable for 230 V, 50 Hz Single phase supply complete as required.	4.00	Each
11.00	Supply & Fixing of 400 mm sweep wall fan having Aerodynamically designed, Balanced Blade, thermal overload protection, Jerk free oscillation (60o) & smooth running, 1400 RPM suitable for use on 230 volts, 50 Hz, single phase, A.C. supply etc. complete as required.	2.00	Each
12.00	Supply of 1400 RPM, 400 mm dia. Jerk free oscillation & smooth running pedestal fan with aerodynamically desined blades etc. complete as required, suitable for 230 volts, 50 Hz, single phase, A.C. supply.	2.00	Each
13.00	SITC of single phase, 200 mm sweep, 1800 RPM, PVC body glossy finish Exhaust fan with Louver and shutter/safety Guard from foreign objects, etc. complete as required suitable for use on 230 volts, 50 Hz, single phase, A.C. supply.	2.00	Each
14.00	Supply of indoor surface mounting 20 W (nominal capacity), LED light fitting efficacy of not less than 100 lumens, complete with LED tube rod, accessories etc and suitable for use on 230 volts, 50 Hz, single phase, A.C. supply as required.	30.00	Each
15.00	Supply of indoor surface mounting 9 W (nominal capacity), LED light fitting efficacy of not less than 100 lumens, complete with LED tube rod, accessories etc and suitable for use on 230 volts, 50 Hz, single phase, A.C. supply as required.	4.00	Each
16.00	Supply of 30 W (nominal capacity) LED integral Flood Light type light fitting having pressure die cast housing with toughened glass, individual LEDs with secondary optics, IP 66, inbuilt convertor, accessories etc and suitable for use on 230 volts, 50 Hz, single phase, A.C. supply as required.	10.00	Each
17.00	Supply of rechargeable portable type LED Emergency light with min 5 W output and having 4000 mAh Li-ion etc. complete as required.	2.00	Each
18.00	Installation, testing and commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/ LED lamps per fitting/wall fan, complete with all accessories including connections etc. as required.	46.00	Each
19.00	Supplying and fixing following way, single pole and neutral, sheet steel, glazed door, 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/solator) 6 way , Double door	4.00	Each

90.00	360.00	125.00	500.00	90.00	360.00	90.00	360.00
930.00	3720.00	200.00	800.00	1100.00	4400.00	1020.00	4080.00
3250.00	6500.00	2500.00	5000.00	2500.00	5000.00	7800.00	15600.00
3720.00	7440.00	3550.00	7100.00	3300.00	6600.00	7800.00	15600.00
2325.00	4650.00	1850.00	3700.00	2300.00	4600.00	1800.00	3600.00
225.00	6750.00	350.00	10500.00	165.00	4950.00	252.00	7560.00
215.00	860.00	300.00	1200.00	145.00	580.00	252.00	1008.00
1070.00	10700.00	1650.00	16500.00	1000.00	10000.00	3000.00	30000.00
930.00	1860.00	3400.00	6800.00	1050.00	2100.00	2640.00	5280.00
465.00	21390.00	350.00	16100.00	90.00	4140.00	72.00	3312.00
2790.00	11160.00	2800.00	11200.00	2300.00	9200.00	2820.00	11280.00

360.00	DOSHI ELECTRIC ENGG. CO., PAVAN QUICK SERVICE, Virtus Techno
800.00	Yash Energy Pvt. Ltd
5000.00	PAVAN QUICK SERVICE, Yash Energy Pvt. Ltd
6600.00	PAVAN QUICK SERVICE
3600.00	Virtus Techno
4950.00	PAVAN QUICK SERVICE
580.00	PAVAN QUICK SERVICE
10000.00	PAVAN QUICK SERVICE
1860.00	DOSHI ELECTRIC ENGG. CO.
3312.00	Virtus Techno
9200.00	PAVAN QUICK SERVICE

20.00	Supplying and fixing following way, single pole and neutral, sheet steel, glazed door, 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	2.00	Each
21.00	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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 (4 + 24), Double door	2.00	Each
22.00	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	24.00	Each
23.00	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	8.00	Each
24.00	Supplying and fixing of 40A to 63 amps rating, 415 volts, "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. Four Pole	2.00	Each
25.00	Supplying and fixing of 32 A rating, double pole, 240 volts, RCBOs, having a sensitivity current 300 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	4.00	Each

3250.00	6500.00	3250.00	6500.00	2500.00	5000.00	3000.00	6000.00
4650.00	9300.00	6250.00	12500.00	7400.00	14800.00	8340.00	16680.00
140.00	3360.00	210.00	5040.00	310.00	7440.00	162.00	3888.00
430.00	3440.00	650.00	5200.00	1125.00	9000.00	524.40	4195.20
1860.00	3720.00	1950.00	3900.00	2650.00	5300.00	1604.40	3208.80
3250.00	13000.00	3650.00	14600.00	4600.00	18400.00	2820.00	11280.00

5000.00	PAVAN QUICK SERVICE
9300.00	DOSHI ELECTRIC ENGG. CO.
3360.00	DOSHI ELECTRIC ENGG. CO.
3440.00	DOSHI ELECTRIC ENGG. CO.
3208.80	Virtus Techno
11280.00	Virtus Techno

26.00	PTTA Panel: Design, fabrication, assembling, supply, installation, testing and commissioning of cubicle type LT panels, free floor standing/wall mounted as per site condition suitable for 415V , 3 phase, 4 wire 50 Hz AC supply system fabricated in compartmentised design from CRCA sheet steel of 2 mm thick, IP 42, 3 mm thick for gland plates i/c cleaning and finishing complete 7 tank process for powder coating in approved shade, extendable type TPN aluminium alloy busbars of high conductivity, DMC/SMC busbar supports, entire panel shall have a common copper earthbar of size 20mm X 3 mm at the rear with 2 Nos. earth studs, solid connection from main busbar to switchgears with require size of aluminium busbar & control wiring with 2.5(CT)/1.5(PT) sqmm FRLS insulated copper conductor cable, cable alleys, cable gland plates i/c accessories as per specification and providing switchgears, metering instruments etc. for following to the panel. Note: Extended Bus Bars with sufficient clearance shall be provided for incommer section of MCCBs to receive 3.5C x 95Sqmm. Armoured Aluminium Cable. Each panel shall be equipped with Automatic Fire Suppression system, having linear pneumatic heat detection tube based with Novec 1230. The system shall be LPCB approved & coordination with Fire alarm system etc. suitable for the panel size accordane with specifications, NEC-2011, NBC ammended upto date. Incomer: a) 100 A, 25 KA, 04 Pole Thermal magnetic release MCCB (lcs=100%lcu) having O/L, S/C fault Protection with with front operated rotary handle - 02 nos. b) 100 A, 04 Pole , Automatic transfer Swich with controller having Auto/Manual mode selection with operated handle - 01 Nos. c) 100 A, 04 Pole, HRC fuse with links - 01 Set d) 100 A, 25 KA, 04 Pole Thermal magnetic release MCCB (lcs=100%lcu) having O/L, S/C, E/F fault Protection with with front operated rotary handle - 01 nos. e) TPN SPD type 2, Ue= 275 V, I_{max} = 50 KA (8/20us)	2.00	Each
27.00	Providing & Fixing in position 1000 mm wide, Electrical Insulating Mat as per IS 15652:2006, 2 mm thick, suitable upto 3.3 KV, fire retardant, no effect of acids, alkalies and transformer oils, moiture proof, high tensile strength and texture finish/ cloth impression (Anti slip marking on top) etc. complete as required.	4.00	Sqm
28.00	Design, fabrication, assembling, supply, installation, testing and commissioning of outdoor type Busbar Junction Box, free floor standing/wall mounted as per site condition having 4P, 200 A Busbar, suitable for 415V , 3 phase, 4 wire 50 Hz AC supply system fabricated in compartmentised design from CRCA sheet steel of 2 mm thick, IP 54, 3 mm thick for gland plates i/c cleaning and finishing complete 7 tank process for powder coating in approved shade, DMC/SMC busbar supports, entire panel shall have a common copper earthbar of size 20mm X 3 mm at the rear with 2 Nos. earth studs, cable gland plates including providing pedestal stand of upto 300 mm height with suitable breakable couplers for all legs complying ICAO guidelines etc. complete as required. Note: Busbar Junction Box should be suitable to receive 3.5C x 240 Sqmm. Armoured Aluminium Cable.	6.00	Job

500000.00	1000000.00	485000.00	970000.00	390000.00	780000.00	503389.20	1006778.40
740.00	2960.00	950.00	3800.00	490.00	1960.00	960.00	3840.00
28000.00	168000.00	32500.00	195000.00	10500.00	63000.00	78000.00	468000.00

780000.00	PAVAN QUICK SERVICE
1960.00	PAVAN QUICK SERVICE
63000.00	PAVAN QUICK SERVICE

29.00	Supply of aluminium conductor XLPE insulated, PVC sheathed, armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date. 3.5 X 240 Sq mm	7000.00	Meter
30.00	Supply of aluminium conductor XLPE insulated, PVC sheathed, armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date. 4 X 16 Sq mm	100.00	Meter
31.00	Supply of copper conductor XLPE insulated, PVC sheathed, FRLSZH at outer Sheath armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date. 3 x 10 Sqmm	60.00	Meter
32.00	Supply of copper conductor XLPE insulated, PVC sheathed, FRLSZH at outer Sheath armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date. 3 x 2.5 sq mm	130.00	Meter
33.00	Supply of copper conductor XLPE insulated, PVC sheathed, FRLSZH at outer Sheath armoured power cable of 1.1 KV grade conforming to IS-7098 Part 1(1988) amended up to date. 2 x 1.5 Sqmm	100.00	Meter
34.00	Excavation for cable trenches in soft soil, depth upto 1.2 m including dressing of sides lift upto 1.5 m, including getting out the excavated soil, refilling with sand and or good soil after laying of cable/ pipe etc in layers of 20 cm, ramming, watering and disposal of surplus excavated soil as directed, within a lead of 50 metres.	20.00	CUM
35.00	Excavation of the cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 metres.	90.00	CUM
36.00	Filling available excavated earth (excluding rock) in trenches, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 metres.	90.00	CUM
37.00	Providing and laying in position cement concrete 1:3:6 (1 cement : 2 coarse sand : 6 graded stone aggregate 40 mm nominal size) in road crossing/side wall of drain including form work etc as required.	5.00	CUM
38.00	Supplying and laying of following size DWC 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 (75 cm below ground level) etc., complete as required. 90 mm dia (OD-90 mm & ID-76 mm nominal)	6400.00	Meter
39.00	Supplying and laying of following size DWC 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 (75 cm below ground level) etc., complete as required. 50 mm dia (OD -50mm & ID 40 mm nominal)	80.00	Meter

1100.00	7700000.00	1116.00	7812000.00	1143.00	8001000.00	1164.00	8148000.00
117.00	11700.00	153.00	15300.00	175.00	17500.00	145.15	14515.00
650.00	39000.00	478.00	28680.00	490.00	29400.00	436.80	26208.00
232.00	30160.00	176.00	22880.00	150.00	19500.00	129.04	16775.20
116.00	11600.00	114.00	11400.00	85.00	8500.00	70.69	7069.00
200.00	4000.00	400.00	8000.00	550.00	11000.00	540.00	10800.00
800.00	72000.00	500.00	45000.00	175.00	15750.00	900.00	81000.00
200.00	18000.00	200.00	18000.00	200.00	18000.00	240.00	21600.00
7440.00	37200.00	5500.00	27500.00	5300.00	26500.00	6660.00	33300.00
180.00	1152000.00	215.00	1376000.00	225.00	1440000.00	114.00	729600.00
140.00	11200.00	175.00	14000.00	175.00	14000.00	33.60	2688.00

7700000.00	DOSHI ELECTRIC ENGG. CO.
11700.00	DOSHI ELECTRIC ENGG. CO.
26208.00	Virtus Techno
16775.20	Virtus Techno
7069.00	Virtus Techno
4000.00	DOSHI ELECTRIC ENGG. CO.
15750.00	PAVAN QUICK SERVICE
18000.00	DOSHI ELECTRIC ENGG. CO., PAVAN QUICK SERVICE, Yash Energy Pvt. Ltd
26500.00	PAVAN QUICK SERVICE
729600.00	Virtus Techno
2688.00	Virtus Techno

40.00	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required. 100 mm dia.	80.00	Meter
41.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size in the existing masonry open duct as required. Above 185 sq. mm and upto 400 sq. mm	200.00	Meter
42.00	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. Upto 35 Sqmm	80.00	Meter
43.00	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. Above 185 sq. mm and upto 400 sq. mm	6400.00	Meter
44.00	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3.5 x 240 Sqmm	10.00	Each
45.00	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. 3 X 2.5 sq. mm (12/16 mm)	4.00	Each
46.00	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. 3 X 10 sq. mm (22mm)	4.00	Each
47.00	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 (28mm)	4.00	Each
48.00	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. 3.5 X 240 sq. mm (62 mm)	8.00	Each
49.00	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	4.00	Each
50.00	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	80.00	Meter
51.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	20.00	Meter

1300.00	104000.00	1350.00	108000.00	925.00	74000.00	1020.00	81600.00
55.00	11000.00	80.00	16000.00	100.00	20000.00	72.00	14400.00
30.00	2400.00	50.00	4000.00	30.00	2400.00	42.00	3360.00
50.00	320000.00	90.00	576000.00	70.00	448000.00	114.00	729600.00
3720.00	37200.00	6500.00	65000.00	10000.00	100000.00	6180.00	61800.00
372.00	1488.00	250.00	1000.00	250.00	1000.00	360.00	1440.00
465.00	1860.00	450.00	1800.00	300.00	1200.00	420.00	1680.00
560.00	2240.00	560.00	2240.00	400.00	1600.00	420.00	1680.00
1120.00	8960.00	3250.00	26000.00	1100.00	8800.00	1440.00	11520.00
7070.00	28280.00	9500.00	38000.00	5600.00	22400.00	8640.00	34560.00
530.00	42400.00	520.00	41600.00	275.00	22000.00	150.00	12000.00
235.00	4700.00	140.00	2800.00	210.00	4200.00	150.00	3000.00

74000.00	PAVAN QUICK SERVICE
11000.00	DOSHI ELECTRIC ENGG. CO.
2400.00	DOSHI ELECTRIC ENGG. CO., PAVAN QUICK SERVICE
320000.00	DOSHI ELECTRIC ENGG. CO.
37200.00	DOSHI ELECTRIC ENGG. CO.
1000.00	PAVAN QUICK SERVICE, Yash Energy Pvt. Ltd
1200.00	PAVAN QUICK SERVICE
1600.00	PAVAN QUICK SERVICE
8800.00	PAVAN QUICK SERVICE
22400.00	PAVAN QUICK SERVICE
12000.00	Virtus Techno
2800.00	Yash Energy Pvt. Ltd

52.00	Supplying and making cable route marker with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) of size 60 cm X 60 cm at the bottom and 50 cm X 50 cm at the top with a thickness of 10cm including inscription duly engraved as required	70.00	Each
53.00	Providing and fixing of lightning finial, made of 25 mm dia 300 mm long, copper tube, having single prong at top, with 85 mm dia 3mm thick copper base plate including holes etc. complete as required.	4.00	Each
54.00	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	4.00	Each
55.00	Jointing copper / G.I. tape (with another copper/ G I tape, base of the final or any other metallic object) by riveting / nut bolting/ sweating and soldering etc. as required.	4.00	Each
56.00	Providing and fixing copper tape 20mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run)	70.00	Meter
57.00	Providing and fixing copper tape 20mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For Vertical run)	30.00	Meter
58.00	Providing and fixing testing joint, made of 20 mm X 3 mm thick Copper strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	4.00	Each
59.00	Supply of 1.5 TR highly energy efficient, hi-wall mounted Split type inverter Air-conditioner with high ISEER, 5 star rating, dual inverter compressor, cordless remote, suitable for operation on 230 Volts +/- 10%, 50 Hz, single phase A.C. supply, having copper condenser coil, capable of performing cooling, dehumidifying, air circulating, filtering and ventilation complete etc. as required.	12.00	Nos
60.00	Installation, Testing & commissioning of A/C units as mentioned in item no-1 which includes mounting of indoor & outdoor unit including providing MS stand/ PCC platform at their respective location along with laying of refrigerant pipeline with insulation & flexible PVC covering pipe up to standard length supplied with the unit, connecting both the units, leak testing of entire system, connecting both indoor and outdoor units with three core PVC insulated flexible copper cable supplied with the unit , top up of refrigerant (if required), minor civil repairing work as per site requirement complete as required.	12.00	Job
61.00	Supplying and fixing 20/16 A, 240 V, IP 40, SPN AC Distribution Box/socket outlet, with 2 pole and earth, High grade Thermoplastic enclosed plug top alongwith 20/16 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained cover for the socket out let and complete with connections, testing and commissioning etc. as required.	12.00	Nos
62.00	SITC of Heavy Duty AC Timer for cyclic operation of Air Conditioners, Automatic Switch Over with Minimum Switching Time 4 Hour, 2 Programming Channels suitable for 1.5 TR Split Acs, Single phase, 50 Hz etc complete as required. (Make Carrier or equivalent)	6.00	Each

325.00	22750.00	1850.00	129500.00	450.00	31500.00	360.00	25200.00
1860.00	7440.00	10500.00	42000.00	245.00	980.00	2220.00	8880.00
16740.00	66960.00	22500.00	90000.00	14000.00	56000.00	15720.00	62880.00
200.00	800.00	250.00	1000.00	100.00	400.00	144.00	576.00
800.00	56000.00	570.00	39900.00	700.00	49000.00	534.00	37380.00
800.00	24000.00	570.00	17100.00	700.00	21000.00	534.00	16020.00
930.00	3720.00	800.00	3200.00	155.00	620.00	180.00	720.00
44200.00	530400.00	40000.00	480000.00	55000.00	660000.00	40737.60	488851.20
3700.00	44400.00	2500.00	30000.00	1500.00	18000.00	14280.00	171360.00
1120.00	13440.00	1550.00	18600.00	2600.00	31200.00	2940.00	35280.00
7950.00	47700.00	6500.00	39000.00	2100.00	12600.00	15420.00	92520.00

22750.00	DOSHI ELECTRIC ENGG. CO.
980.00	PAVAN QUICK SERVICE
56000.00	PAVAN QUICK SERVICE
400.00	PAVAN QUICK SERVICE
37380.00	Virtus Techno
16020.00	Virtus Techno
620.00	PAVAN QUICK SERVICE
480000.00	Yash Energy Pvt. Ltd
18000.00	PAVAN QUICK SERVICE
13440.00	DOSHI ELECTRIC ENGG. CO.
12600.00	PAVAN QUICK SERVICE

63.00	Supply of bubble top Hot and Cold water dispenser with three faucets (normal, hot and cold) having capacity not less than 15 litre, with non CFC Refrigerant and 02 Nos duly filled 20 L Water Bottles/Cans etc. as required.	2.00	Each
64.00	Supply, installation, testing and commissioning of addressable type, 02 Loop Fire Alarm control panel conforming to UL/LPCB/FMI/EN-54 with all accessories for connecting multi sensor detectors, manual call points, Hooters etc suitable for operation on 220 Volts, 50 Hz AC power supply, LED indicators to indicate fire and normal operation & power supply status, push button for accept and Reset, maintenance free batteries with minimum 1 hour backup on alarm mode & 8 hours on normal operation mode with battery charger etc., shall be complete as required. Panel shall have necessary provision for connecting and functioning with auto dialer etc as required.	2.00	Each
65.00	Supply, installation, testing and commissioning of auto dialer with all necessary accessories including connections, modules if any required for integrating with addressable Fire Alarm Panel above etc. complete as required.	2.00	Each
66.00	Supplying, installation, testing and commissioning of analogue addressable type smoke detector, conforming to UL/LPCB/FMI/EN-54, with all accessories viz. mounting base with unique optical sensing chamber, base, visible LED's, complete with all accessories including connections, to be installed on ceiling / false ceiling etc. complete as required.	8.00	Each
67.00	Supply and Installation of Addressable sounder cum Flasher complete etc. as required.	2.00	Each
68.00	Supply, installation, testing and commissioning of weather proof Addressable manual call point (UL Listed) complete with all accessories including connections etc. complete as required.	2.00	Each
69.00	SITC of Response indicator complete etc. as required.	2.00	Each
70.00	Supply of ABC type fire extinguishers confirming to (IS 15683:2006 and cylinders fully charged of following capacity including providing suitable M.S. Stand. (a) 9 KG	10.00	Each

11160.00	22320.00	8500.00	17000.00	9000.00	18000.00	12600.00	25200.00
186000.00	372000.00	90500.00	181000.00	75000.00	150000.00	114000.00	228000.00
17670.00	35340.00	11200.00	22400.00	9000.00	18000.00	15000.00	30000.00
3250.00	26000.00	11200.00	89600.00	1550.00	12400.00	1800.00	14400.00
9500.00	19000.00	6850.00	13700.00	2200.00	4400.00	4200.00	8400.00
6590.00	13180.00	2750.00	5500.00	5500.00	11000.00	3900.00	7800.00
465.00	930.00	120.00	240.00	65.00	130.00	1020.00	2040.00
2530.00	25300.00	6580.00	65800.00	6100.00	61000.00	2700.00	27000.00

17000.00	Yash Energy Pvt. Ltd
150000.00	PAVAN QUICK SERVICE
18000.00	PAVAN QUICK SERVICE
12400.00	PAVAN QUICK SERVICE
4400.00	PAVAN QUICK SERVICE
5500.00	Yash Energy Pvt. Ltd
130.00	PAVAN QUICK SERVICE
25300.00	DOSHI ELECTRIC ENGG. CO.

71.00	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed/FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head/Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas- Quantity would be as per the design volume and as per the necessary codal specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas flooding System with all cylinders, gas, manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release/Gas Abort Switch etc. complete system as required. item also includes Fire alarm system for cross zoning and supply & laying of Fire survival cable, detector & panels. Note: The Individual system will be provided in specified areas only. The contractor will design the system as per NFPA 2001. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) Surface area:- 20.20 Sqmtr (Approx.) Total volume:- 65.65 cubic mtr. (Approx.)	2.00	Job
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446400.00	892800.00	586000.00	1172000.00	360000.00	720000.00	420000.00	840000.00
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720000.00	PAVAN QUICK SERVICE
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Total in Figures

13358132.00

14243740.00

13381110.00

14045404.80

Lowest Amount Quoted BY: DOSHI ELECTRIC ENGG. CO.(13358132.00)

Signature Not Verified

Digitally signed by BIDYUT ROY

Date: 2025.07.25 17:01:57 IST

Location: eProcurement System for Central PSUs

