

214

4.00	Supply of 320 W, 15% energy efficient Flood Light LED luminaire with minimum system lumen output of 35000 lm, luminaire efficacy 110 lm/watt, PF>0.95, GR5-70 CCT - 5700K, IP 65 protected, die-cast aluminum housing with heat resistant diffuser and MS powder coated bracket suitable to be fixed to flag mast.	4.00	Each	14448.00	20000.00	85000.00	14500.00	58000.00	17160.00	63640.00	16000.00	72000.00	15600.00	52400.00
5.00	Supply, installation, testing and commissioning for 2 KVA (1 Ph-1Ph) online UPS with minimum 30 mins of battery back up suitable for operation on 230 V 50 Hz AC supply with output voltage 230 V 50 Hz etc complete as required.	1.00	Job	28215.00	70000.00	70000.00	54000.00	54000.00	38490.00	38490.00	30000.00	30000.00	30000.00	36000.00
6.00	Supply, installation, testing and commissioning of suitable size dust & vermin proof out door type floor mounted Feet Pillar Panel on cement concrete/MS channel foundation, fabricated with 14 SWG CRCA Sheet and suitable size MS angle complete with detachable gland plate and front hinged door locking arrangement, duty powder coated of approved shade as per manufacturer drawings/SLD. The panel should be suitable to accommodate 2 KVA UPS with batteries (8 nos-12 V, 26AH as required) having the required MCB/Conductors/auto manual switch/MCB LED indicator lamp/Suitable capacity Butar / auto manual switch as require rating accessories including connection, inter connection wiring with minimum 2.5 sqmm flexible copper wire & provision for earth incoming, outgoing etc complete as required.	1.00	Job	28215.00	70000.00	70000.00	54000.00	54000.00	38490.00	38490.00	30000.00	30000.00	30000.00	36000.00
7.00	Supply of 63A 10KA FP MCB incoming-01 No. i) 63A TP contactors operated through 24 hrs time switch for automatic switching of luminaires along with Auto / Manual selector switch - 01 no. ii) 01 Sets of phase indicating lamps, LED type, RYB ON, OFF lamps controlled by 2 A MCB. iii) 01 Nos. digital multifunction meter for 3 Phase, 4 wire operation with LED display. Outgoing i) 32 A, 10 KA, C-series, FP MCB- 02 nos. with all accessories and internal wiring etc as required ii) 16 A, 10 KA, C-series, DP- MCB- 02 nos. with all accessories and internal wiring etc as required iii) 10 A, 10 KA, C-series, SP- MCB-02 nos. with all accessories and internal wiring etc as required iv) 03 Sets of phase indicating lamps, LED type RYB ON, OFF lamps controlled by 2 A MCB v) Control system for Raising / Lowering of Flag-01 No. with one addition wired remote control for Raising / Lowering of Flag.	1.00	Set	53344.00	65000.00	65000.00	125000.00	125000.00	77600.00	77600.00	22000.00	22000.00	30000.00	36000.00
7.10	3 SC X 25 sq mm	156.00	Mtr	171.00	200.00	31200.00	325.00	50700.00	276.00	42600.00	270.00	42120.00	204.00	31824.00
7.20	4 C X 16 sq mm	87.00	Mtr	135.00	180.00	15660.00	180.00	18530.00	228.00	19938.00	220.00	19140.00	168.00	14518.00
8.00	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required	4.00	Set	235.00	250.00	1000.00	500.00	2000.00	977.00	3008.00	200.00	800.00	360.00	1440.00
8.10	3 SC X 25 sq mm	6.00	Set	235.00	250.00	1500.00	400.00	2400.00	937.00	5622.00	198.00	1188.00	300.00	1800.00
8.20	4 C X 16 sq mm	1.00	Job	7717.00	5000.00	5000.00	9000.00	9000.00	15280.00	15280.00	250.00	265.00	4200.00	4200.00
9.00	SITC of 63A, 36KA, FP MCCB with adjustable thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections etc as required.	2.00	Each	4414.00	4000.00	8000.00	3500.00	7000.00	6940.00	13880.00	5000.00	10000.00	3600.00	7200.00
10.00	Erection, testing and commissioning of 5 Mtr high G1 OCTAGONAL flood light pole & bracket / channel with all accessories by providing and making reinforced M 20 cement concrete foundation including excavation and relaying including positioning of templates & foundation bolts, tapping with pole to each with pole base plate & providing and drilling of PVC DPE type of base plate (2 pieces of min 0.7 m length) in concrete for the support of the cable along with earthing to the pole complete, as required as per technical specifications.	2.00	Each	4414.00	4000.00	8000.00	3500.00	7000.00	6940.00	13880.00	5000.00	10000.00	3600.00	7200.00
11.00	Installation, testing and commissioning of LED Flood light fitting with all accessories on existing pole of 5 mtr height with bracket / channel, including supplying and drawing of 3 core 4 sq mm FRLS24H PVC insulated PVC sheathed flexible copper conductor cable from loop-in-loop-out box upto the individual straight fitting(s), connection etc complete as required & as specified.	4.00	Each	879.00	760.00	3000.00	400.00	1600.00	1070.00	4280.00	4000.00	16000.00	540.00	2160.00

58000.00	Manish Electricals
30000.00	om shri ganpati electricals
22000.00	om shri ganpati electricals

31200.00	Techno Electricals
14518.00	AMBICA ELECTRICALS

800.00	om shri ganpati electricals
1188.00	om shri ganpati electricals
250.00	om shri ganpati electricals
7000.00	Manish Electricals
1000.00	Manish Electricals



Government eProcurement System
Created By: Chandrasekhar Sharma
Created Date/Time: 10-Aug-2022 11:40 AM
Tender Title: SITC of Flag High Mast System including Pole Lighting System at Civil Enclave, Jamnagar
Tender ID: 2022_AAL_121866_1

Tender Inviting Authority: Asstt. General Manager (E E)
Name of Work: "SITC of Flag High Mast System including Pole Lighting System at Civil Enclave, Jamnagar."
Contract No: AN/JAMNAGAR/AGME/E/E-NIT-01/22-23

SCHEDULE OF WORK / ITEM(S)						
Sl.No	Description of Work / Item(s)	No of Qty	Units	Estimated Rate	Rate	Amount
1.00	Design, supply, installation, Erection, Testing and commissioning of 25 T65 Mtrs High Flag Mast Shift in three telescopic sections (with base plate welded to the bottom sections) made of hot dip galvanized steel totally on externally and internally & suitable for wind velocity as per IS 875 (latest revision) along with special type dome including erection of flag mast, include supply and installation of twin dome LED aviation system with 30 x 4 sqmm copper conductor armoured cable & other assemblies as required with following accessories etc as per the tender specifications. a) Raising and lowering mechanism consisting of flag with double drum which assembly head frame assembly on top with self lubricating bearing, stainless steel wire ropes of minimum 6 mm dia (Grade 316) etc designed to operate with integral electric driven power tool motor of 2 hp capacity and also for manual operation. b) Providing and firing of foundation bolts of M30 X 850 size manufactured from special steel along with nuts, washers, suitable size anchor plate and template etc as required. c) Design & construction of shallow foundation of suitable size with M20 grade concrete for high mast tower suitable for safe soil bearing capacity as per IS specifications and site conditions at required depth with all materials & labor and soil investigation. d) Painting of Flag mast PU painting of High Mast shaft with a coating of each primer and PU paint (Factory Painted) and providing and firing of DOWC HDPE pipe of size 40 mm dia (2 pieces of min. 0.75 m length) in the foundation. e) Design & supply of 5 mtrs. High Mast Pole with suitable continuously tapered galvanneal pole with suitable to mount maximum 2 nos. LED 320W flood light fittings at top suitable for wind velocity as per IS 875 (not less than 50 m/sec). f) Fabricated out of 3 mm thick high tensile sheet steel in single piece construction having 130mm bottom, 70 mm top, suitable for installation on a precast foundation with supply of 4 nos. of foundation bolts & anchor plate, rigid flange plate (200x200x12mm min) welded with the base of pole for firing on foundation bolts complete as required for structural stability as specified, weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5 mm thick bakelite sheet with 63 Amp heavy duty connector for loop in loop out cable terminations suitable for upto two numbers 4 core 25 Sq mm cables, including supply of 2A, 10A, DP, C series, MCB for each future connections earthing bolts for continuous earth connection complete as required as per technical specifications, other assemblies as required with following accessories etc as per the tender specifications. a) Design & construction of shallow foundation of suitable size with M20 grade concrete foundation including excavation and refilling including positioning of template & foundation bolts (supplied with pole to match with pole base plate) & providing and firing of DOWC HDPE pipe of size 40 mm dia (2 pieces of min. 0.75 m length) in the foundation. b) Erection of pole with the help of suitable equipments and T&P.	1.00	Job	943993.00	650000.00	650000.00
2.00	Design, supply, installation, Erection, Testing and commissioning of Indian National Flag of Size 30 ft x 20 ft in 100% knitted polyester with reinforced super strong nylon webbing on all three sides & rope / toggle sleeve complete as per relevant IS code	2.00	Job	11328.00	12000.00	24000.00
3.00	Design, supply, installation, Erection, Testing and commissioning of Indian National Flag of Size 30 ft x 20 ft in 100% knitted polyester with reinforced super strong nylon webbing on all three sides & rope / toggle sleeve complete as per relevant IS code	12.00	Job	22173.00	17500.00	210000.00

L1 Amount	L1 Vendor
395000.00	Manish Electricals
16000.00	AMBICA ELECTRICALS
210000.00	Techno Electricals

29.00	35.00	9300.00	30.00	5400.00	82.00	22800.00	150.00	42000.00	100.00	28000.00
22.00	35.00	1400.00	50.00	2000.00	76.00	3040.00	180.00	7200.00	100.00	4000.00
756.00	1000.00	10000.00	1200.00	12000.00	1340.00	13400.00	1500.00	15000.00	600.00	6000.00
4448.00	6500.00	26000.00	18500.00	72000.00	9100.00	36400.00	15000.00	60000.00	4200.00	16800.00
455.00	650.00	13000.00	600.00	12000.00	603.00	12060.00	180.00	3600.00	240.00	4800.00
194.00	250.00	20000.00	450.00	30000.00	182.00	14800.00	150.00	12000.00	84.00	9720.00
36.00	25.00	2000.00	30.00	2400.00	28.00	2320.00	100.00	8000.00	30.00	2400.00
234.00	215.00	15050.00	240.00	16800.00	321.00	22470.00	100.00	7000.00	140.00	9800.00
2308.00	2090.00	60000.00	5500.00	185000.00	3094.00	92820.00	1500.00	46000.00	3860.00	118500.00

8400.00	Manish Electricals
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1400.00	Techno Electricals
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6000.00	AMBICA ELECTRICALS
16800.00	AMBICA ELECTRICALS
3600.00	om shri ganpati electricals
6720.00	AMBICA ELECTRICALS
2000.00	Techno Electricals
7000.00	om shri ganpati electricals
45000.00	om shri ganpati electricals

1108360.001013200.001394564.001313830.001321610.00Total In FiguresLowest Amount Quoted BY: AMBICA ELECTRICALS(1168360.00)

44

BOQ Summary Details**Tender Title: SITC of Flag High Mast System including Pole Lighting System at Civil Enclave, Jamnagar****Tender ID: 2022_AAI_121966_1**

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	AMBICA ELECTRICALS	1168360.00	L1
	2	Manish Electricals	1313830.00	L2
	3	Techno Electricals	1321610.00	L3
	4	BR Power Control and Automation Services	1394564.00	L4
	5	om shri ganpati electricals	1613298.00	L5