

Tender Inviting Authority: Asstt. General Manager (E-E)
Name of Work: "Extension of Terminal Building, Extension of Apron, C/o Hanger for AB-32 aircraft & allies works at CE Jamnagar."
Sub Head : Provision of Apron Edge Lighting works"

Contract No: AAI/JAMNAGAR/AGM(E-E)/e-NIT-02/22-23

Tender ID: : 2022_AAL_121971_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Techno Electricals(GSTN-24AAGFT9086M1ZG)		Manish Electricals(GSTN-23AABLP4M9012E1ZW)		L1 Amount	L1 Vendor
					Rate	Amount	Rate	Amount		
1.00	Supply of elevated type 7.5 W(Maximum) LED Taxiway Edge light fitting (MIRL fitting) for use as Taxiway / Apron Edge / Turning Pad lights suitable for operation at 2.8 Amps to 6 Amps series circuit supply current complete with suitable LEDs, omni-directional blue / red lens, lens clamping mechanism, breakable coupling, rings /gaskets, base plate with 06 nos. M-10 stainless steel bolts and including an integrated encapsulated suitable electronic converter with standard secondary lead etc. complete fitting conforming to latest ICAO standards /requirement complete as required	22.00	Each	3876.00	4000.00	88000.00	3400.00	74800.00	74800.00	Manish Electricals
2.00	Supply of 5 KV grade plug and receptacle of type - I Class B connector and suitable for field attachment with 5 KV grade PVC insulated, PVC sheathed single core 6 sq. mm copper conductor cable conforming to technical specifications etc complete as required	22.00	Each	587.00	480.00	10560.00	390.00	8580.00	8580.00	Manish Electricals
2.10	6 Sq. mm									
3.00	Supply of indoor type air-cooled microprocessor based constant current regulator of thyristor controlled type suitable for use on input supply voltage 230V/415V, ±10%, 50 c/s input AC supply with output power of following rating with 5 steps variation of current output suitable for local and remote control operations with 24/48 volts integral control supply and complete with output digital ammeter of (0-30) Amps range, over current, over voltage, earth fault protection and earth leakage meter, positive feed back indication equipments, complete with 5.0 KV grade suitable current transformers and relay contacts									
3.10	4 KW, 6.6 A CCR	1.00	Each	183819.00	210000.00	210000.00	180000.00	180000.00	180000.00	Manish Electricals
4.00	Supply of 15 Watt 6.6 Amps /6.6 Amps 5 KV grade 50 Hz Isolating transformer series type encapsulated in neoprene type rubber with primary and secondary leads as specified in particular technical specification	22.00	Each	2856.00	3000.00	66000.00	2700.00	59400.00	59400.00	Manish Electricals
5.00	Supply of following sizes 5 KV grade PVC insulated & PVC sheathed, antitermite & anti-rodent, multistranded copper conductor single / double core unarmored Airfield lighting cable conforming to IS 1554 (Part-II) with up to date amendments and conforming to tenders technical specifications, terms & conditions etc. complete as required									
5.10	Single core 6 Sq. mm	1151.00	Meter	122.00	105.00	120855.00	85.00	97835.00	97835.00	Manish Electricals
5.20	2C X 6 Sq. mm	365.00	Meter	184.00	220.00	80300.00	210.00	76650.00	76650.00	Manish Electricals
6.00	Supply of C. I. isolating transformer housing box, water tight round type, metal container of outside parameter size 330mm height 450mm made of 10mm thick cast iron moulding all round except top surface, which is 15mm thick, cast iron moulding suitable to receive light fitting base plate on the top & under ground housing associated with transformer power cable & having a clear hole center at one site surface center 75mm above button surface suitable to receive one no. of 50mm dia "B" class GI pipe and including check nuts as required and another hole at 175mm from the bottom of C. I. box to receive one no. 15mm dia "B" class, GI pipe and check nut as required. The box should have two SS earth bolts of M10 x 30mm tapped inside near the hole (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 15mm dia, "B" class GI pipe and having clear opening of 220mm at the top surface and 6 nos M10 tapped hole at the hole centre 250mm to receive fitting base plate and bolts as required as per the drawings	18.00	Set	4947.00	5600.00	100800.00	4950.00	89100.00	89100.00	Manish Electricals



