



भाविप्रा/औ'बाद/स.म.प्र [वि/कैप/22-23/डब्लू -01/ 23
AAI/AU/AGM (E)/CAP/22-23/W-01/

दिनांक: 06.05.2022
Date: 06.05.2022

सेवा में,
मेसर्स मनिष इलेक्ट्रीकलस,
कल्पना नगर,
नियर 7 नं, चौराह, मोरार,
ग्वालियर - 474 006

(PAN No. ABLPM9012E)
GST No. 23ABLPM9012E1ZW

कार्य का नाम : औरंगाबाद हवाई अड्डे पर बी777-300 ईआर प्रकार के विमान के लिए टर्न पैड, लिंक टैक्सी ट्रैक की फिलेट का विस्तार। उपशीर्ष: ग्राउंड लाइटिंग सुविधा कार्य।

Extension of Turn Pad, filets for Link taxi track for B777-300ER type of aircraft at Aurangabad Airport. SH: Ground Lighting Facility works.

संदर्भ : दिनांक 19.04.2022 को खोली गई आपकी ई -निविदा .

Your E tender opened on **19.04.2022**.

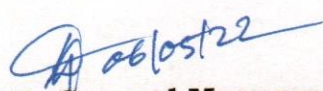
Tender ID : 2022_AAI_104361_1.

महोदय,/ Dear Sir (S),

1. उल्लिखित कार्य हेतु आपकी ई - निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की और से आपके द्वारा बताए गये मद मूल्यों पर रु. **4153870.00** (रु. एकतालीस लाख त्रेपन हजार आठ सौ सत्तर मात्र) (जी एस टी अतिरिक्त) के लिये स्वीकृत की जाती है जो कि अनुमानित लागत राशि रु. **39,73,467.00** से **4.53 %** ज्यादा है.
1. Your e-tender for the work mentioned above is hereby accepted on behalf of the chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 4153870.00** (Rupees Forty One Lakh Fifty Three Thousand Eight Hundred & Seventy Only) (plus applicable GST extra) which is **4.53%** above the estimated cost put to tender of **Rs. 39,73,467.00**.
2. सहा. महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, औरंगाबाद हवाईअड्डा, महाराष्ट्र कार्य के प्रभारी अभियंता होंगे, आपसे निवेदन है कि, आप दिनांक **27.05.2022** तक सहा. महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, औरंगाबाद हवाईअड्डा, औरंगाबाद, के कार्यालय में उपस्थित हो तथा करारनामे को पुरा करें. ठेके के करार नामा रुपये 100/- के नोनजुडिशियल स्टैम्प पर निष्पादित किया जायेगा तथा पेपर का खर्चा आपके द्वारा उठाया जायेगा.
2. Asstt. General Manager (E-E), AAI, Aurangabad Airport, Maharashtra, shall be the Engineer -In -Charge of the work. You are requested to attend the office of Asstt. General Manager (E-E), AAI, Aurangabad Airport by **27.05.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non- judicial stamp paper of value Rs. 100/- (Rupees one Hundred Only) and the cost of the stamp paper shall be borne by you.

3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि कि बकाया राशी रु **4,15,387.00** (रु चार लाख पंधरा हजार तीन सौ सत्तअसी मात्र) जमा कराये अन्यथा बकाया जमानत राशि आपके रनिंग बिलो में से ठेके के दस्तावेज के पेज क. 16 पर दी गई सिरियल शर्त 1 (क) में जनरल रूल और निर्देश के अनुसार काट ली जाएगी।
3. Please deposit **Rs. 4,15,387.00** (Rupees Four Lakh Fifteen Thousand Three Hundred & Eighty Seven Only) towards Security Deposit within 10 days from the date of issue of this letter, failing which the same will be deducted as per condition of Clause **1 (A)** on page **16** of the contract document.
4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 अधिनियम अनुबन्ध श्रम नियम तथा 1971 के केन्द्रीय नियम (नियमन तथा उन्मूलन) एवं केन्द्र तथा राज्य सरकारों के न्यूनतम वेतन अधिनियमों और नियमों के प्रवधानों के अनुपालन करें।
4. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation and abolition) Central rules 1971 and minimum wages Act & rules thereof Central and State Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत सहा. प्रबंधक (अभियांत्रिकी - विद्युत), से मिलें वह आपको साईट सौंपने कि व्यवस्था करेंगे। कृपया नोट करें कि कार्य करने का समय 04 (चार) माह रहेगा, जोकी कार्य आदेश जारी होने के दसवें दिन से माना जायेगा।
5. You are also directed to contact **Asstt. Manager (Engg-Electrical)**, AAI, Aurangabad Airport immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work shall be **04 (Four) Months** and same shall be reckoned from the 10th day of the date of placing of work order.
6. इस ठेके के सम्बन्ध में आगे कोई भी पत्राचार सहा. महाप्रबंधक (अभियांत्रिकी - विद्युत), भारतीय विमानपत्तन प्राधिकरण, औरंगाबाद हवाईअड्डा, औरंगाबाद, महाराष्ट्र - 431007, के पते पर किया जाए।
6. Any further correspondence in connection with the contract should normally be addressed to the **Asstt. General Manager (Engg-Electrical)**, Airports Authority of India, Aurangabad Airport, Aurangabad, Maharashtra - 431007.
7. यदि अंग्रेजी एवं हिंदी भाषा में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।
7. If there is any discrepancy in English and Hindi content, the meaning derived in English will be given precedence.
8. कृपया पावती भेजें।
8. Please acknowledge the receipt.

भवदीय/ Yours faithfully,


सहा. महाप्रबंधक (अभि-विद्युत), **Asstt. General Manager (E-E)**
कृते तथा अध्यक्ष की और से For and on behalf of chairman,
भारतीय विमानपत्तन प्राधिकरण, Airports Authority of India

Item Rate BoQ

Tender Inviting Authority: Asstt. Gen. Manager (Engg.-Electrical), Airports Authority of India, Aurangabad Airport, Aurangabad - 431007 (Maharashtra).
Name of Work: Extension of Turn Pad, filets for Link taxi track for B777-300ER type of aircraft of Aurangabad Airport. **SH:** Ground Lighting Facility works

Contract No:

Name of the Bidder/ Bidding Firm /		PRICE SCHEDULE						
Manish Electricals		(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
Sl. No.	Item Description	NUMBER #	TEXT #	NUMBER #	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	NUMBER #	TOTAL AMOUNT in Rs. P	TEXT #
		Quantity	Units				TOTAL AMOUNT In Words	
1	2	4	5	6	7	8		
1	Supply of base plate (dummy) with gasket and 06 nos. M-10 SS bolts suitable for 330 mm outer dia, 220 mm dia top opening isolating transformer housing box etc. as required.	6	Each	950.00	5700.00	INR Five Thousand Seven Hundred Only		
2	Supply of C.I. Isolating Transformer housing box, water tight, round type, metal container of outside dia 330 mm, height 450 mm made of 10mm thick cast iron all around and 15 mm thick cast iron on top surface confirming to IS 224 moulding suitable to receive a light fitting base plate on the top and underground housing associated with transformer power cable and having a clear hole at one side surface centre suitable to receive one of 50 mm dia "B" class GI pipe and including check nuts as required and another hole 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 30 mm tapped inside near the hole and having a drain hole at the bottom suitable tapped to receive 15 mm dia "B" class GI pipe and having clear opening of 220 mm at the top surface and 06 nos. M10 tapped hole at the hole centre 260 mm to receive fitting base plate and bolts, housing box shall be painted with one coat of red oxide and two coats of black enamel paint etc. as directed by Engg. in charge and as per drawing as required.	91	Each	5200.00	473200.00	INR Four Lakh Seventy Three Thousand Two Hundred Only		



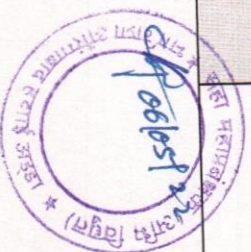
NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	7	8
3	Supply of elevated, low intensity LED type, omni directional, blue lens with minimum average intensity of 2cd, taxiway/ apron edge light fittings complete with LED lamp, holder, lens clamping mechanism, encapsulated Driver Unit, suitable heat sink, breakable coupling, central column assembly, 2 pin secondary lead, rubber gaskets, base plates with 6 nos M 10 stainless steel bolts with threading, spring washer and other accessories etc. as required.	95	Each	3400.00	323000.00	INR Three Lakh Twenty Three Thousand Only
4	Supply of isolating transformer of 5 KV Grade suitable to operate LED light of low intensity light fitting encapsulated in polyester resin finally moulded in neoprene rubber with primary and secondary connection as required. :- 15 Watts, 6,6/6,6A	30	Each	2500.00	75000.00	INR Seventy Five Thousand Only
5	Supply of isolating transformer of 5 KV Grade suitable to operate upto 200 Watt, inset light fitting encapsulated in polyester resin finally moulded in neoprene rubber with primary and secondary connection as required. :- 200 watt, 20/6,6 amp.	6	Each	4400.00	26400.00	INR Twenty Six Thousand Four Hundred Only
6	Supply of isolating transformer of 5 KV Grade suitable to operate, LED light of low intensity light fitting encapsulated in polyester resin finally moulded in neoprene rubber with primary and secondary connection as required. :- 15 Watts, 20/6,6A	70	Each	2600.00	182000.00	INR One Lakh Eighty Two Thousand Only
7	Supply of following size 5KV grade, suitable to operate on unearthed system, XLPE insulated & PVC sheathed stranded copper conductor, single core, Airport Lighting cable conforming to IS 7098 (Part-II) with upto date amendment and confirming to particular specification etc. as required. :- 1 X 6 Sq.mm	900	Meter	95.00	85500.00	INR Eighty Five Thousand Five Hundred Only



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1	2	4	5	6	7	8		
8	Supply of following size 5KV grade,suitable to operate on unearthed system,XLPE insulated & PVC sheathed stranded copper conductor, single core, Airport Lighting cable confirming to IS 7098 (Part-II) with upto date amendment and confirming to particular specification etc. as required. :- 1 X 16 Sq.mm	2500	Meter	215.00	537500.00	INR Five Lakh Thirty Seven Thousand Five Hundred Only		
9	Supply of following 1.1 KV grade cable with stranded Copper conductor, unarmoured, XLPE/ PVC insulated, PVC sheathed, confirming to IS as required. :- 3C x 2.5 sq.mm.	200	Meter	125.00	25000.00	INR Twenty Five Thousand Only		
10	Supply of following 5 KV grade, primary connector kit with plug & receptacle ,suitable field attachment for following size 5 KV grade PVC insulated, PVC sheathed, single core stranded copper conductor cable as required. :- 6/16 Sq.mm	100	Set	350.00	35000.00	INR Thirty Five Thousand Only		
11	Supply of high intensity inset type runway edge light fitting,color-white/yellow,Minimum average intensity: 10000cd (white) / 4000 cd (yellow) complete with shallow base and matching body of the fitting, inner body and outer cover made of die cast aluminum complete with 2X105 watts, 6.6 Amps. pre-focus reflector halogen lamps, suitable for the fitting with connected heat resistant accessories, prism assembly, prism / lense, optical assembly, "O" ring seal, pressure relief test plug, hardware and all standard accessories and ready for site installation confirming to ICAO Annex 14 as required.	10	Each	54500.00	545000.00	INR Five Lakh Forty Five Thousand Only		
12	Providing and laying 6 SWG dia G.I. Wire for loop earthing along with cable as required.	1400	Meter	22.00	30800.00	INR Thirty Thousand Eight Hundred Only		



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1	2	4	5	6	7	8
13	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) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. :- 40 mm dia (OD - 40 mm & ID-32 mm nominal)	370	Meter	160.00	59200.00	INR Fifty Nine Thousand Two Hundred Only
14	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) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. :- 63 mm dia (OD - 63 mm & ID-51 mm nominal)	500	Meter	210.00	105000.00	INR One Lakh Five Thousand Only
15	Supply, laying and fixing of 50 mm dia G.I. pipe (medium class) with G.I. fittings required as per site condition in existing groove / soft soil (excluding groove cutting in hard standing area and excavation, refilling in soft soil etc.) as required.	1710	Meter	640.00	1094400.00	INR Ten Lakh Ninety Four Thousand Four Hundred Only
16	Making connection of 5 KV grade, primary connector kit with plug & receptacle, suitable field attachment for following size 5 KV grade PVC insulated, PVC sheathed, single core stranded copper conductor cable up to size 16 sq.mm.	85	Meter	150.00	12750.00	INR Twelve Thousand Seven Hundred & Fifty Only
17	Supply and connection of Moulded secondary lead of multi stranded annealed conductor PVC sheathed unshielded cable of length 2.5 meter and 1.1 KV grade etc. as required.	6	Job	800.00	4800.00	INR Four Thousand Eight Hundred Only



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1	2	4	5	6	7	8		
18	Laying of one number XLPE insulated and PVC sheathed/XLPE power cable of 5 KV grade up to 35 sq. mm size in the existing RCC/HUME/METAL pipe/HDPE pipe as required.	2760	Meter	12.00	33120.00	INR Thirty Three Thousand One Hundred & Twenty Only		
19	Installation, testing and commissioning of Runway edge light inset type fitting with core cutting machine in the bitumen/pavement area of runway with alignment and setting, including sealing material and installation of isolating transformers, crimping/joining of plug & receptacles and connections of secondary leads along with other accessories required for commissioning i/c supply of all materials like receptacles/connectors etc.as required.	6	Job	7200.00	43200.00	INR Forty Three Thousand Two Hundred Only		
20	Installation of Transformer housing boxes with a base concrete of 1:3:6 of size 630x630x150 mm , all around concrete of 1:2:4, 150 mm thick ,the top sloped with 1:2:4 cement concrete including providing and fixing 300 mm long 15mm dia "B" class GI pipe with check nut for drainage of water including excavation of side shoulder and refilling (wherever the transformers boxes are to be installed in a line the same has to be aligned in such a way that the centre fall in a straight line) etc. complete as required.	85	Job	1500.00	127500.00	INR One Lakh Twenty Seven Thousand Five Hundred Only		
21	Dismantling of Bi-directional/ unidirectional/omnidirectional, ELEVATED/ INSET type of Runway Edge Light/ Turning Pad lights and its supporting pipe fitting etc. from the base plate, isolating transformers from transformer housing box after opening the base plate and M10 size SS/ MS hardware etc. as per site conditions.	49	Job	100.00	4900.00	INR Four Thousand Nine Hundred Only		



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1	2	4	5	6	7	8
22	Installation of Bi-directional/unidirectional/omnidirectional, ELEVATED type of RUNWAY / TAXIWAY/ EDGE LIGHT / TURNING PAD LIGHT etc., complete fittings on the existing base plate of C.I. housing box, installation of isolation transformer, interconnection , testing, commissioning including thoroughly cleaning the fixtures and its accessories, before installation etc. as required.	105	Job	100.00	10500.00	INR Ten Thousand Five Hundred Only
23	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	9	Job	7000.00	63000.00	INR Sixty Three Thousand Only
24	Cutting groove of size 100 mm wide and upto 200mm deep (or as required) with saw cutting/ Bitumen/ Concrete cutting machine, refilling and finishing the surface with suitable cement concrete and a layer of ready mix bitumen/ road bond for bituminous surface, etc. complete as required.	390	Meter	510.00	198900.00	INR One Lakh Ninety Eight Thousand Nine Hundred Only



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1	2	4	5	6	7	8		
25	Making kerf in shoulder and turning pad area of size 30 mm x 50 mm including chipping, hammering etc. and leveling the surface with suitable sealant material etc. as required.	150	Meter	350.00	52500.00	INR Forty One Lakh Fifty Three Thousand Eight Hundred & Seventy Only		
Total in Figures								
Quoted Rate in Words					4153870.00	INR Forty One Lakh Fifty Three Thousand Eight Hundred & Seventy Only		

