



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Ref. No. AAI/Kushinagar /Engg-(E)/WO-2/2022-23/

DATE:- 20.10.2022

सेवा में,
मेसर्स टेक्नो इलेक्ट्रिकल्स, 2/65,
उदयपार्क सोसायटी, रिफाइनरी रोड,
गोरवा, वडोदरा- 390016.

To,
M/s Techno Electricals, 2/65,
Udaypark society, Refinery Road,
Gorwa, Vadodra- 390016.
Email id- girish690@gmail.com

कार्य का नाम:- कुशीनगर हवाई अड्डे पर टैक्सीवे और आइसोलेशन बे लाइटिंग और जीएलएफ संबद्ध कार्यों का प्रावधान
[उपशीर्ष : जीएलएफ एलाइड वर्क्स]

Name of Work: Provision of Taxiway & Isolation Bay lighting and GLF allied works at Kushinagar Airport. [SH: GLF Allied Works]

संदर्भ :- आपका ई-टेंडर पोर्टल (E - Bid No. - 2022_AAI_124322_1) 29.09.2022 खोला गया

Ref:-Your E-Tender portal(E - Bid No. - 2022_AAI_124322_1) opened on 29.09.2022.

Dear Sir,

1. उपरोक्त उल्लिखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गये मद मूल्यों पर आपकी टेंडर राशि कुल **₹34,03,685/-** (शब्दों में चौतीस लाख तीन हजार छह सौ पचासी मात्र) जी. एस टी. रहित है, जोकि टेंडर की जायज़ लागत **₹39,87,812/-** से **14.65%** कम है।

Your tender for the above mentioned work submitted through e-portal is hereby accepted on behalf of Chairman, Airports Authority of India at the items rates quoted by you amounting to Rs. **34,03,685/- (Rupees Thirty Four Lakhs Three Thousand Six Hundred Eighty Five Only)** without GST. Which is **14.65%** below the Justified cost put to tender of, Rs. **39,87,812/-**

2. सहायक महाप्रबंधक (इंजी-विद्युत), कुशीनगर विमानपत्तन कार्य के प्रभारी अभियन्ता होंगे। आप से निवेदन है कि आप दिनांक 05.11.2022 तक सहायक महा प्रबंधक (इंजी-विद्युत), कुशीनगर हवाई अड्डा के कार्यालय में उपस्थित हों या आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर के लिए अधिकृत हो तथा करारनामे को पूरा करें। ठेके का करारनामा 100/- के नोन ज्यूडीशियल स्टाम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा उठाया जाएगा।

Asst. Gen. Manager (E-E), AAI, Kushinagar International Airport, Kushinagar shall be the Engineer-In-charge of the work. You are requested to attend the office of AGM (E-E), Kushinagar International Airport, Kushinagar by **05.11.2022** or depute your accredited representative, empowered on your behalf to sign and complete the contract agreement. The contract agreement shall be executed on a non- judicial stamp paper of value ₹100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

3. आपकी अर्नेस्ट मनी जमा **₹79,746/-** निविदा के साथ प्राप्त राशि को एसडी के हिस्से के रूप में परिवर्तित कर दिया जाएगा। हालांकि, सीपीपी पोर्टल के माध्यम से राशि की ईएमडी वापस करने पर उतनी ही राशि रनिंग बिल से काट ली जाएगी। रुपये की राशि के लिए इस पत्र के जारी होने की तारीख से 15 दिनों के भीतर सुरक्षा राशि **2,60,623/-** (रुपये दो लाख साठ हजार छह सौ तेईस मात्र), अन्यथा वही राशि जो जीसीसी के पृष्ठ संख्या 18 पर खंड संख्या में दी गई है। शर्त 1ए. के अनुसार कटौती की जाएगी

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Your earnest money deposit Rs.79,746/- . the received along with tender will be converted as the part of SD. However, the same amount will be deducted from the running bill if the EMD of amount refunded through CPP portal . The security amount due within 15 days from the date of issue of this letter for the amount of Rs. **2,60,623/-** (Rupees Two lakhs Sixty Thousand Six Hundred Twenty Three only), otherwise the same amount as given on page number 18 of GCC in clause no. will be deducted as per condition 1A.

4. आप से निवेदन है कि आप केन्द्रीय और राज्य सरकार के 1970 के अधिनियम अनुबंध, श्रम नियम तथा 1971 केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मूलन एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का करें।

You are requested to comply with the provisions of contract labour (Regulation and Abolition) act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments including Provident Fund.

5. श्रम के विभिन्न विधानों के अनुसार संबन्धित अधिकारियों से लाइसेंस/अनुमति लेने व पालन करने के लिए एकमात्र दायित्व ठेकेदार (करार फर्म/कंपनी सहित) का होगा जिसमें संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम, 1970 के अंतर्गत लेबर लाइसेंस लेना भी शामिल है।

It shall be the sole liability of the contractor (including the contracting firm/company) to obtain and to abide by all necessary licenses/permissions from the authorities concerned as provided under the various labour legislations including the labour license obtained as per the provisions of the Contract Labour (Regulation & Abolition) Act, 1970.

6. ठेकेदार को उसके द्वारा तैनात कर्मियों का नियमित और प्रभावी पर्यवेक्षण और नियंत्रण सुनिश्चित करना होगा और संविदात्मक दायित्वों के पालन के लिए उपयुक्त दिशा देना होगा।

The contractor shall ensure regular and effective supervision and control of the personnel deployed by him and gives suitable direction for undertaking the contractual obligations.

7. आपके निर्देश दिया जाता है कि आप तुरंत सहायक महाप्रबंधक (इंजी-विद्युत)/प्रबन्धक(इंजी-विद्युत), कुशीनगर में मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact AGM (E-E)/Manager (E-E) Kushinagar Airport immediately who arrange to hand over the site to you.

8. कृपया नोट करले कि काम करने का अनुमानित समय 60 दिन है, जो की कार्य आदेश जारी करने के 10 दिन से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be **60 Days** and same shall be reckoned from after **10** days issued of work order date. Time is essence of the contract.

9. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहायक महाप्रबंधक (इंजी-विद्युत), कुशीनगर के पते पर किया जाए।

Any further corresponding in connection with the contract should normally be addressed to the Asst. Gen. Manager (E-E).

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10. कृपया पावती स्वीकार करें और इस स्वीकृति के टोकन के रूप में अधोहस्ताक्षरी को हस्ताक्षर करने के बाद इसके साथ संलग्न पत्र की दूसरी प्रति वापस भेजे।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी प्रारूप ही मान्य होगा।

In case any discrepancy is found then English version will be taken as correct.

धन्यवाद।

संलग्नक:- Schedule of Quantity

भवदीय



सहायक महाप्रबंधक (इंजी-विद्युत)
भारतीय विमानपत्तन प्राधिकरण
कुशीनगर एयरपोर्ट, कुशीनगर (उ०प्र०)

SCHEDULE OF QUANTITY

Name of Work: Provision of Taxiway & Isolation Bay lighting and GLF allied works at Kushinagar Airport.
[SH: GLF Allied Works]

Sr.No	Description of Items	Qty	Unit	Rate	Amount
	Sub Head (I)- Threshold ckt				
1.00	Supplying, Installation, Testing and Commissioning of 7.5 KW, Indoor type air cooled constant current regulator (CCR) of microprocessor controlled based suitable for operation on 240/415 Volts + 10%, 50 Hz input AC supply with 5 steps variation of suitable current output (2.8,3.4,4.0,5.2,6.6 Amps) suitable for local and remote control operation with suitable control supply and able to communicate with PC or PLC controlled system, with output current indicated on multifunction digital display, over current, over voltage, open circuit and earth fault protection and earthleakage meter, positive back indication equipments, relays, contactors, complete as required for the 7.5 KW rating and confirming to TS specifications enclosed. (FAA Compliant).	1.00	Job	275000	275000
2.00	Supply of inset type bidirectional high intensity Runway Threshold cum End light fittings complete with lens holder, lens, clamping mechanism, prefocus lamp holder, 3X105W, 6.6 A halogen lamp, gaskets with suitable shallow base other accessories complete in all respect and in compliance with ICAO, Annex-14.	7.00	Each	63000.00	441000
3.00	Supply of inset type Uni-directional high intensity Runway Threshold light fittings complete with lens holder, lens, clamping mechanism, prefocus lamp holder, 2X105W, 6.6 A halogen lamp, gaskets with suitable shallow base other accessories complete in all respect and in compliance with ICAO, Annex-14.	5.00	Each	59000.00	295000
4.00	Supply of 300 watt, 6.6A/6.6A, rating 5KV, 50 Hz series Isolating transformers encapsulated in polyster resin, finally moulded in neoprene type rubber and with primary and secondry connections confirming to specification as required.	6.00	Each	6500.00	39000
5.00	Supply of 200 watt, 6.6A/6.6A, rating 5KV, 50 Hz series Isolating transformers encapsulated in polyster resin, finally moulded in neoprene type rubber and with primary and secondry connections confirming to specification as required.	4.00	Each	4900.00	19600
6.00	Supply of 6 Sqmm, 5 KV grade plug and receptacle of type 1 class B connector and suitable field attachment for 5 KV grade PVC insulated PVC sheathed single core 6 sqmm size copper conductor cable confirming to the specified specification etc complete as required.	23.00	Each	415.00	9545
7.00	Making field connections by crimping 6/16 sq.mm. plug & receptable with existing 6/16 sq.mm. single core PVC copper conductor cable including filling the gap with water sealent material applying HT insulation tape over which again applying PVC insulation tape complete etc as required.	23.00	Each	150.00	3450
8.00	Supply of C.I. Transformer housing box water tight round type metal container of out side dia of 330 mm, height 450 mm made of 10 mm thick cast iron moulding all round except on top surface which is 15 mm thick suitable to receive a light fitting base plate at the top and underground housing associated with transformer power cable and having a clear hole/s center at one side surface center 75 mm above bottom surface & check nut having two earth bolts & four nuts with washer of M 10x30mm welded inside near the hole (4" away from the hole center) and having following nos. hole suitable to receive 50mm dia GI/HDPE pipe and an other one a drain hole at the bottom suitably tapped to received 15 mm dia "B" class G.I. pipe & having clear opening of 220 mm at top surface and 6 nos. M 10 tapped hole at the center of 260 mm to receive light fitting base plate and bolts and as required.	10.00	Each	5750.00	57500
9.00	Installation, testing & commissioning of inset type light fixture including cutting of existing cement concrete taxiway/apron with Core cutting machine for fixing of inset light fixture with existing quick setting sealant compound such as plasticised sulpher cement/dobefill resin and hardener compound, making transformer connections,earth connections etc connecting plug & receptacles & alingment of fittings with instruments complete as required.	10.00	Job	7000.00	70000



Sr.No	Description of Items	Qty	Unit	Rate	Amount
10.00	Installation of transformer housing boxes with a base concrete of 1:3:6 of size 630x630x100mm thick all round concrete of 1:2:4, 150mm thick 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 earth and refilling complete etc as required.	10.00	Job	2500.00	25000
11.00	Supply of 6.0 sq.mm. 5KV grade PVC insulated & PVC sheathed, antitermite & antirodent standard copper conductor single core Airfield lighting cable confirming IS 1554 (Part-1) with upto date amendent and confirming to particular specification etc. as required.	3300.00	Mtr	99.00	326700
12.00	Supply of 50 mm outer dia. DWC/ HDPE pipe as per IS:4984:1995,Material Grade:PE 80, PN 10 and as per specified in particular specification.	3330.00	Mtr	93.00	309690
13.00	Laying of 50 mm outer dia DWC HDPE pipe including coupling,splicing of pipe 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.	3330.00	Mtr	110.00	366300
14.00	Laying of one number PVC insulated and PVC sheathed runway cable of 5 KV grade of 6.0 sqmm size in the existing RCC/ HUME/ METAL pipe as required.	3100.00	Mtr	19.00	58900
15.00	Laying of one number PVC insulated and PVC sheathed runway cable of 5 KV grade of 6.0 sqmm size in the open duct as required.	200.00	Mtr	19.00	3800
16.00	Supply of 2core X 4 sq.mm AFL secondary lead made out of annealed tinned copper conductor, EPR insulated PCP sheathed,unarmoured,anti termite & anti rodent treated 600V/1100V grade cable for connection between isolating transformer and airfield light fixtures as specified in particular specification etc complete as required.	250.00	Mtr	150.00	37500
17.00	Laying of size 2x4 Sqmm secondary lead and making interconnection between isolating transformer and Sign board etc in existing pipe/masonry open duct wherever reqd etc complete as reqd.	250.00	Mtr	20.00	5000
18.00	Supply of Plug and receptacles suitable for secondary lead of 2 x 4 sqmm EPR insulated PCP sheathed copper conductor of secondary airfield lighting cables.	30.00	Each	450.00	13500
19.00	Making field connections by Plug or receptacles for existing secondary 2 x 4 sqmm cu cable from isolating transformer to Sign board including applying PVC insulation tape etc complete as required .	30.00	Job	100.00	3000
20.00	Supply of Armoured LT control cable of copper conductor of following size (i) 16 C x 1.5 sq mm	300.00	Mtr	750.00	225000
21.00	Cutting of cable groove with kerf cutting machine for laying following number of 2x4 sq.mm secondary leads/1 C x 6 sqmm AFL cable, meant for R/W fittings on the concrete/bituminus RWY surface i/c kerfing/chiseling,cleaning and filling the groove with sealant compound after putting sealant primer after laying secondary lead which has been covered with jute for its protection etc as required.				
21.01	a) One run of cable	100.00	Mtr	450.00	45000
21.02	b) Two run of cable	150.00	Mtr	475.00	71250
22.00	Supply of DOBEFIL 60 of Dr. Beck & Co. or equivalent sealant material suitable for fixing shallow base of inset type Thresold/Taxiway fittings etc complete as required.	75.00	KG	550.00	41250
23.00	Supply of hardner 750 for DOBEFIL 60 sealant etc. as required.	10.00	KG	900.00	9000
24.00	Numbering of Taxiway/Thresold light fixtures/Isolation poles/Feedar pillar with suitable Paint for background and suitable colour paint for letter ,using stencil as per direction of EIC.	37.00	Job	100.00	3700
25.00	Earthing with G.I pipe 4.5mm long x 40 mm dia including accessoires, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc with charcoal/coke and salt complete as required .	2.00	Set	7000.00	14000
26.00	Providing and fixing 6 SWG dia G.I. wire on surface or in ground for loop earthing complete as required.	100.00	Mtr	25.00	2500

Sr.No	Description of Items	Qty	Unit	Rate	Amount
27.00	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 or in open trench as required. (i) Upto 35 sq. Mm	300.00	Mtr	25.00	7500
28.00	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 1 C x 6 sq. mm size of 5KV grade PVC insulated & PVC sheathed, antitermite & antirodent standard copper conductor single core Airfield lighting cable .	5.00	Set	2500.00	12500
	Sub Head (II)- Elevation og CAT-1 Fittings				
1.00	Supply of 40mm dia, 4 mm thick Frangible/GRP cylindrical or equivalent square/ hexagonal/octagonal type pipe suitable to fabricate required length of pole (upto max. Length of 4 mtr) to assemble on existing approach light as per the site condition etc as required.	75.00	Mtr	5500.00	412500
2.00	Installation, testing, commissioning and fabrication on Frangible/GRP pipe of 40 mm dia upto required length, including providing and fixing of suitable frangible coupling at the top of the Pipe and suitable breakable coupling for the existing Base plate at bottom for fixing of existing CAT-I approach light (AMA make) and making interconnection of existing secondary lead with fitting .	30.00	Job	3000.00	90000
3.00	Alignment of CAT-1 and SAPL approach light fittings for meeting main beam coverage as per ICAO ANNEX-14 by horizontal and vertical Angle Setting of all CAT-1 and SAPL approach fittings(CAT-1 900 Mtr and 420 Mtr SAPL considered in 1 Job)	1.00	Job	20000.00	20000
4.00	Conducting survey for Elevation of approach light and taking the levels for making gradient including prepare an approach profile indicating the ground level at each point along with the mast foundation level,height of the mast and light as per the ICAO annex 14 specified gradients (1:66mtr) may be applied while preparing the approach profile. (CAT-1 900 Mtr and 420 Mtr SAPL considered in 1 Job)	2.00	Job	45000.00	90000
	Total				3403685.00

(Rupees Thirty Four Lakhs Three Thousand Six Hundred Eighty Five Only)

Note: The Rates are Exclusive of GST.


20/10/2022

Asst.Gen. Manager(Engg-E)
AAI,Kushinagar Airport

Signature Not Verified

Digitally signed by AMAR SINGH
Date: 2024.09.05 11:52:35 IST
Location: eProcurement System for
Central PSUs