



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या :

Ref. No. : AAI/RHQ/NER/AGM (E-E)/TEZ/WO- 02/2021-22/

दिनांक :

Date. :09.12.2021.....

सेवा में /To,

M/s S.T. Electricals,

Kalita House,

Gotanagar, Guwahati-33

Email: kalita.n33@gmail.com

विषय: “सीई तेजपुर हवाई अड्डे पर एलटी पैनल को बस बार की व्यवस्था और संबंधित विद्युत कार्यों के साथ बदलना, (बैलेंस कार्य)।”

Sub: Work Order for “Replacement of LT panel with bus bar arrangements and associated electrical works at CE Tezpur Airport. (Balance work).”

रेफरी: ई-Bid. 2021_AAI_86124_1 आपकी कीमत बोली 28.10.2021 को खोली गई।

Ref: E-Bid no. 2021_AAI_86124_1, your price bid opened on 28.10.2021.

महाशय /Dear Sir(s),

1. ऊपर उल्लिखित कार्य के लिए आपका टेंडर, अध्यक्ष, एएआई द्वारा उद्धृत आइटम दरों पर, रु 4,00,859.00 (रुपए चार लाख आठ सौ उनसठ केवल) की राशि के लिए स्वीकार किया जाता है। जो GST को छोड़कर है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, AAI at the item rates quoted by you, for an amount of Rs. 4,00,859.00 (Rupees Four Lakhs Eight Hundred Fifty Nine Only) Excluding GST.

2. उप. महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, आरएचक्यू, एनईआर, गुवाहाटी - 781015 कार्य के इंजीनियर-इन-चार्ज हैं, और सहा. महाप्रबंधक (अभि-विद्युत), भा.वि.प्र., क्षेत्रीय मुख्यालय, उ.पू.क्षे गुवाहाटी-15, उनके अधिकृत प्रतिनिधि होंगे। आपसे अनुरोध है कि आप उप. महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, आर एच क्यू-उत्तर पूर्वी क्षेत्र, गुवाहाटी - 781015 के कार्यालय में अपनी ओर से हस्ताक्षर करने के लिए अधिकार प्राप्त प्रतिनिधि का अनुबंधित समझौते पुर्न करने के लिए 19.12.2021 तक तैनात करें। करार अनुबंध को रु 100/- के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। और स्टॉप पेपर की लागत आपके द्वारा वहन की जाएगी।

Contd...2/-

The Dy. General Manager (E-E), Airports Authority of India, RHQ, NER, Guwahati - 781015 is the Engineer-In-Charge of the work and Asstt. General Manager (E-E), AAI, RHQ, NER, Ghy-15 will be his authorized representative. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of the Dy. General Manager (E-E), Airports Authority of India, RHQ, NER, Guwahati - 781015 by 19.12.2021 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Hundred Only) and the cost of the stamp paper shall be borne by you.

3. कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु. 40,086.00 (रुपए चालीस हजार छियासी केवल) जमा करा दें, ऐसा नहीं करने पर संविदा दस्तावेज के पृष्ठ 16 पर दी गई खण्ड 1 (A) के अनुसार आपके रनिंग बिल से काट दी जाएगी।

Please deposit **Rs. 40,086.00** (Rupees Forty Thousand Eighty Six only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per Tender **Clause-1 (A) on page 16** of the contract document.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम, 1971 और न्यूनतम मजदूरी अधिनियम और नियम केंद्र / राज्य सरकारों के प्रावधानों का पालन करें।

You are requested to comply with the provisions of contract labour (Regulation & Abolition) Act of 1970 and contract labour (Regulation & Abolition) Central Rules, 1971 & Minimum Wages Act and Rules there of Central/ State Governments.

5. आपको सहा. महा प्रबंधक (अभि-विद्युत), भा.वि.प्र., क्षेत्रीय मुख्यालय, उ.पू.क्षे गुवाहाटी-15, से तुरंत संपर्क करने के लिए निर्देशित दिया जाता है जो आपको साइट सौंपने की व्यवस्था करेगा। कृपया ध्यान दें कि कार्य पूरा होने के लिए अनुमत समय 45 (पैंतालीस) दिन है जिसे इस पत्र की जारी होने की तारीख से 10 दिन गिना जाएगा।

You are also directed to contact the Asstt. General Manager (E-E), AAI, RHQ, NER, Ghy-15, immediately who will arrange to handover the site to you. Please note that the time allowed for completion of the work is **45 (Forty Five)** days which shall be reckoned from 10th day from the issue of this letter.

6. इस काम के लिए आपकी निविदा इस पी. ओ. पत्र के साथ समझौते का हिस्सा बन जाएगी। अन्य सभी नियम एवं शर्तें एनआईटी के अनुसार होंगी।

Your tender for this work shall form part of the agreement along with this award letter. All other terms & conditions shall be as per NIT.

7. अनुबंध के संबंध में आगे कोई पत्राचार आम तौर पर उप. महाप्रबंधक (अभि-विद्युत), भारतीय विमानपत्तन प्राधिकरण, आरएचक्यू, एनईआर, गुवाहाटी - 781015 को संबोधित किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Dy. General Manager (E-E), AAI, RHQ, NER, Guwahati Airport - 781015.

Contd... 3/-

8. कृपया पीओ की प्राप्ति की पावती दें। और इस पीओ की डुप्लीकेट कॉपी को आपकी स्वीकृति के टोकन के रूप में आपके द्वारा विधिवत हस्ताक्षरित और मुहर लगा कर लौटा दें।/ Please acknowledge the receipt and return the duplicate copy of this order duly signed & stamped by you as a token of your acceptance.

9. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।

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

धन्यवाद/Thanking you,

Yours faithfully


(एम. कृष्णमूर्ति)/ (M. Krishnamoorthy)
उप सहायक महाप्रबंधक (अभि-विद्युत)
Dy. General Manager (E-E)
कृते अध्यक्ष की ओर से,
For and on behalf of CHAIRMAN
भा वि प्र, क्षेत्रीय मुख्यालय, उ पूक्षे गुवाहाटी-15
AAI, RHQ, NER, Guwahati- 15

अनुलग्नक मात्रा का बिल / Encl: Schedule of Quantities.

checked
10/12/21
9.12.21
AGM (E-E)

Name of work:- Replacement of LT panel with bus bar arrangements and associated electrical works at CE Tezpur Airport, (Balance work).

Schedule of Quantities

Sl.No.	Description	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
1	Dismantling of Existing 415V , 50 Hz AC ,Signal FSU type panel having incomer capacity upto 250 Amps and with maximum 20 Nos outgoing of various capacity including disconnecting all the terminals of incoming and outgoing cables/wires making temporary power supply arrangement wherever power supply to equipment/unit cannot be disrupted ,shifting /termination of all the outgoing and incoming cables to the newly installed panels, shifting of the dismantal panels to AAI store etc as required (For Switchroom panel)	4.00	Job	34000.00	136000.00
2	Essential LT Panel (PTTA) Shifting of panel by mechanical means or any other way from power house premises to existing switch room (inside terminal building) & Installation, Testing and Commissioning in existing switch room of cubicle type LT panel(IP-42 for indoor panel) suitable for 415V+/-10%, 3 Phase, 4 wire 50 Hz AC supply system. The panel consisting of as below:- Dimension :- Panel is in two part. Each part having 2200mm(Height) x 1940mm(Front Length) x 800mm (Depth) Incoming: a) 02 Nos. MCCB, 250 Amps, 36 kA, 4 Pole, thermal magnetic release type MCCB (Ics=100% Icu) complete with following accessories: Each Incomer have one set of the following items: Intelligent multi-function digital meter to read V,A,kVA, KW, kVAR, PF, Hz etc with communication facility (RS-485 port). LED display with required Nos CTs, 800/5,15 VA, class 1.0 and control circuit wiring with 2 Amp MCB for controlling. 1 Set of Indication Lamps, LED type, R.Y.B Phase indicating lamp with 2 Amp MCB for controlling. Bus coupler: (i) 4 pole, 250 Amps, 36 KA thermal magnetic release type MCCB (Ics=100% Icu) -1 Nos. (ii) ON-OFF indication lamp - 02 nos. (iii) Panel is interlocked electrically & mechanically (castle key) so that only 3 MCCB's i.e. 2 Incomers + 1 bus coupler to eliminate any possible of accidentally approaching two supplies at one bus section. Outgoing (i) 4 pole, 100 Amps,25 KA thermal magnetic release type MCCB (Ics=100% Icu) - 10 No. (ii) 4 pole, 63 Amps MCB (Ics=100% Icu) - 16 No (iii) 4 pole, 32 Amps, MCB (Ics=100% Icu) - 16 No LED type ON/OFF indication lamp - 16 set. (Each breaker is extended with 1 Set Rotary operating mechanism and 'ON' (Red) indication lamp (LED type) including terminal extension spreaders and 3ph LED Ammeter along with suitable range of CT's including connections etc., as required for all the MCCB's)	2.00	Job	20000.00	40000.00

09/12/2021
JGm (FF)

Sl.No.	Description	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
3	Non-Essential LT Panel (PTTA) Shifting of panel by mechanical means or any other way from power house premises to existing switch room (inside terminal building) & Installation, Testing and Commissioning of cubicle type LT panel, IP-42 for indoor panel, suitable for 415V +/-10%, 3 Phase, 4 wire 50 Hz AC supply system. The panel consisting of as below:- Dimension :- 1825mm(Height) x 1850mm(Front Length) x 400mm (Depth) Incoming: a) 01 Nos. MCCB, 250 Amps, 36 kA, 4 Pole, thermal magnetic release type MCCB (Ics=100% Icu) complete with following accessories: Each Incomer shall have one set of the following items: Intelligent multi-function digital meter to read V,A, kVA, KW, KVAR, PF, Hz etc with communication facility (RS-485 port). LED display with required Nos CTs, 800/5, 15 VA, class 1.0 and control circuit wiring with 2 Amp MCB for controlling 1 Set of Indication Lamps, LED type, R,Y,B Phase indicating lamp with 2 Amp MCB for controlling. Busbar: TPN aluminium extensible type main bus bars of minimum of 400 Amps. capacity with heat shrinkable coloured sleeves and i/c DMC / SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 36kA capacity for 1 sec. Outgoing (i) 4 pole, 100 Amps, 25 KA thermal magnetic release type MCCB (Ics=100% Icu) - 07 Nos. (ii) 2 pole, 25 Amps (Ics=100% Icu) - 12 No LED type ON/OFF indication lamp - 9 set. (Each breaker shall have extended 1 Set Rotary operating mechanism and 'ON' (Red) indication lamp (LED type) including terminal extension spreaders and 3ph LED Ammeter along with suitable range of CT's including connections etc., as required for all the MCCB's)	2.00	Job	20000.00	40000.00
4	Supplying and laying 25mm x 5mm G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with G.I. nut, bolt, spring, washer, etc as required. (Joining shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	40.00	Mtr	200.00	8000.00
5	Earthing with G.I. earth pipe 4.5meter long 40mm dia including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/coke and salt as required.	8.00	Set	6500.00	52000.00
6	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required (Double run)	30.00	Mtr	100.00	3000.00
7	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection /termination with G.I. thimble etc as required	20.00	Mtr	50.00	1000.00
8	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface /recessed conduit/submain wiring/cable as required.	20.00	Mtr	50.00	1000.00
9	Providing and Fixing Earth bus of size 32 x 5mm G.I. Strip all around the switch room wall with G.I. C-clamp.				
a)	Departure	20.00	Mtr	160.00	3200.00
b)	Arrival	20.00	Mtr	160.00	3200.00
10	Installing following size of Hot Dipped Galvanised Iron ladder type cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5% in convenient section joined with connection, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts etc. as required (Switch room)				
a)	150mm width x 50 mm depth x 3mm thickness	60.00	Mtr	320.00	19200.00

10/12/2024
84m (FF)

Sl.No.	Description	Qty	Unit	Rate (in Rs.)	Amount (in Rs.)
11	Installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5% in convenient section joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts etc. as required (roof of terminal building)				
a)	150mm width x 50 mm depth x 2 mm thickness	40.00	Mtr	320.00	12800.00
b)	300 mm width x 50 mm depth x 2 mm thickness	8.00	Mtr	350.00	2800.00
12	Laying and fixing of one number PVC insulated and PVC sheathed/ XLPE power cables of 1.1 KV grade of following size on cable tray as required				
a)	Upto 35 sq. mm (clamped with 1 mm thick saddle)	228.00	Mtr	50.00	11400.00
b)	Above 35 sq. mm and upto 95 sq. mm (clamped with 25 x 3 mm MS flat clamp)	73.00	Mtr	80.00	5840.00
c)	Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	20.00	Mtr	150.00	3000.00
d)	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	20.00	Mtr	150.00	3000.00
13	Chase cutting of wall including providing 32 mm dia PVC pipe, MS box, Phenolic Laminated sheet etc for lowering the following Wires from wall nearly below the trench cover after disconnection if required from the DB/Switch as required 4x10 sq mm = 7 nos 2x10 sqmm = 2 nos 2x6 sqmm = 2 nos	1.00	Job	1600.00	1600.00
14	Supply of 3.5 x 240 sq mm XLPE insulated & PVC sheathed armoured aluminium conductor under ground cable of 1.1KV grade conforming to IS:7098(Part-I) with upto date ammendment as per approved make list of AAI	20.00	Mtr	1650.00	33000.00
15	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.				
a)	3½ X 240 sq. mm	1.00	Each	6000.00	6000.00
b)	3½ X 150 sq. mm	1.00	Each	4500.00	4500.00
c)	3½ X 185 sq. mm	1.00	Each	4500.00	4500.00
d)	4 X 25 sq. mm	2.00	Each	2500.00	5000.00
e)	4 X 35 sq. mm	2.00	Each	2500.00	5000.00
f)	4 X 16 sq. mm	2.00	Each	2000.00	4000.00

Total Rs.

409040.00

After negotiation (2% discount)

8180.80

Grand Total Rs.

400859.20

Say Rs.

400859.00

Checked
10-11-21
9.12.21
AGM (E-E)

(Rupees Four Lakhs Eight Hundred Fifty Nine Only)

[Signature]
Dy. General Manager (E-E)
AAI, RHQ, NER, GHY-15