



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या: भाविप्रा/आरपीआर/अभि.(वि)/सीडब्लू/WO-03/2024-25
Ref. No.: AAI/RPR/ENGG (E)/CW/WO-03/2024-25/ 1130-38

दिनांक: 20.06.2024
Date: 20.06.2024

**स्पीड पोस्ट /ई-मेल
By Speed Post/E-Mail**

सेवा में,

मेसर्स अवस्थी इलैक्ट्रिक वर्क्स,
107/265, ब्रम्ह नगर,
कानपुर-208012 (उ.प्र.)

M/s Awasthi Electric Works,
107/265, Brahma Nagar,
Kanpur-208012 (U.P.)

कार्य का नाम:- एस. वी. एयरपोर्ट रायपुर के न्यू एटीसी कॉम्प्लेक्स में 02 नग 160 केवीए यूपीएस और एलटी पैनल की एसआईटीसी।

Name of work:- SITC of 02 Nos. 160 KVA UPS and LT Panel at New ATC Complex, S.V. Airport, Raipur.

संदर्भ/Ref:- आपकी ई-निविदा जो 12.06.2024 को खोली गई/ Your e- tender opened on 12.06.2024.

महोदय / Sir,

1. उल्लिखित कार्य हेतु आपकी ई-निविदा के संबंध में आपके द्वारा उद्धरीत कुल **रु. 68,72,250.00 (रुपये अड़सठ लाख बहत्तर हजार दो सौ पच्चास मात्र)** (जी. एस. टी. रहित), जो कि उचित लागत **रु. 79,89,004.00** (जी. एस. टी. रहित) की तुलना में **13.98% कम** है।

Your e- tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling of **Rs. 68,72,250.00 (Rupees Sixty Eight Lakhs Seventy Two Thousand Two Hundred Fifty Only)** (excluding GST), which is **13.98% Below** Justified cost of **Rs. 79,89,004.00** (excluding GST).

2. सहा. महाप्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, उपरोक्त कार्य के प्रभारी होंगे। आपसे निवेदन है कि आप सहा. महाप्रबंधक (अभि-वि), भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर, के कार्यालय में दिनांक **05.07.2024** तक उपस्थित रहकर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें। ठेका करार का निष्पादन एक सौ रुपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा।

AGM Engg (E), AAI, Swami Vivekananda Airport, Raipur, shall be the Engineer – In-charge of the work. You are requested to attend the office of AGM Engg (E) AAI, Swami Vivekananda Airport, Raipur by **05.07.2024** 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 अंदर जमानत राशि **रु. 6,87,225.00 (रु. छः लाख सत्तासी हजार दो सौ पच्चीस मात्र)** जमा करवायें, अन्यथा निविदा के दस्तावेज की शर्त संख्या GCC Clause-1 (A) पृष्ठ 64 के अनुसार आपके रनिंग बिलों से वसूल किया जायेगा।
Please deposit amount of **Rs. 6,87,225.00 (Rupees Six Lakhs Eighty Seven Thousand Two Hundred Twenty Five 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 bill as per Clause-1 (A) of GCC Page-64 of the Tender Document.

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4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम अनुबंध श्रम नियम ;नियमन एवं उन्मूलन एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central Rule 1971 and Minimum Wages act and rules thereof of Central and State Governments.

5. आपको यह निर्देश दिया जाता है कि आप तुरंत **प्रबंधक (अभि-वि)**, भाविप्रा, स्वामी विवेकानंदा हवाई अड्डा, रायपुर से शीघ्र मिलें वही आपको साईट सौंपने की व्यवस्था करेंगे।

You are also directed to contact **Manager (Engg-E)**, AAI, S.V. Airport, Raipur immediately who will arrange to handover the site to you.

6. कृपया नोट कर लें कि काम करने का अनुमानित समय **03 (तीन) महीना** है जो कि इस पत्र के जारी करने के दसवें दिन से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be **03 (Three) months** and same will be reckoned from the 10th day after the date of issue of this letter.

7. एएआई ने ट्रेड्स (TReDs) के तहत एक खरीदार के रूप में पंजीकरण किया है और विक्रेता भारत सरकार की पहल ट्रेड्स (TReDs) का लाभ उठा सकते हैं।

AAI has registered as a buyer under TReDs and vendors may avail the benefits of TReDs, a Government of India initiative and;

8. चलान/दावा जमा करने/ प्रसंस्करण के बाद सरकारी मानदंडों के अनुसार निर्धारित अवधि के भीतर एमएसएमई विक्रेताओं को भुगतान जारी किया जाएगा।

Payment would be released to MSME vendors within stipulated period as per the government norms after submission/processing of invoices/claims.

9. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

The letters under reference shall from part of Agreement.

10. इस ठेके से संबंधित आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज के पते पर किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer - in- charge.

11. कार्यआदेश के संबंध में किसी प्रकार की टंकणीय त्रुटि/विसंगति होने पर अंग्रेजी संस्करण मान्य होगा।

With reference to this work order, if in case of any typographical mistake/discrepancy arise, the English version shall prevail.

12. कृपया पावती भेजें।

Please acknowledge the receipt.

धन्यवाद / Thanking you,

संलग्न : BOQ (04 Pages)

भवदीय / Yours faithfully,


(देवेन्द्र पुरी गोस्वामी / Devendra Puri Goswami)

सहा. महाप्रबंधक (अभि.-वि). / Asstt. Gen. Manager [E-E]
एएआई, स्वामी विवेकानंदा, हवाई अड्डा, रायपुर / AAI, S. V. Airport, Raipur

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Item Rate BoQ

Tender Inviting Authority: Asstt. Gen. Manager (E-E), Airports Authority of India, S.V. Airport, Raipur

Name of Work: SITC of 02 nos. 160 KVA UPS and LT Panel at New ATC Complex, S.V. Airport, Raipur.

Contract No: 2024_AAI_195477_1

Name of the Bidder/ Bidding Firm / Company :	AWASTHI ELECTRIC WORKS						
PRICE SCHEDULE (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)							
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures exclusive of GST To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
1	Supply, Installation, Testing and Commissioning of true online UPS with minimum 160 KVA capacity, 3 phase in and 3 Phase out with double conversion PWM IGBT technology, in built isolation transformer before static switch suitable to drive constant current regulators with 100% unbalanced load at output at fullload condition as per technical specifications/data sheet enclosed. The UPS shall have standard features like in built automatic 100% rated static by pass,maintenance by pass, active input power factor correction, phase sequencecorrector, pure sine wave output, input-output isolation, compatibility with generator supply, cold start capability, EMI/RFI noise filter, advanced communication-RS485 port, user friendly LCD display, provision of auto loadsharing / parallel operation, suitable to operate at 415V, 50Hz, 3 Phase AC supply and delivering 2 phase & single phase loads with 3 phase output of theUPS and necessary safety protection. The job also includes supply and connecting the suitable required number of 12V, SMF batteries of suitable amp hour, for each UPS separately/Individually to give a backup time of minimum 30 minutes for each UPS separately/Individually at the rated full load along with battery management feature integrated with UPS, battery rack, connectors, wiring, cabling between battery bank and UPS with insulated copper conductor of required size, termination as per site condition etc. complete as required.	item 1	2	Job	2545000.00	5090000.00	INR Fifty Lakh Ninety Thousand Only


 सहा. महा. प्रबन्धक (अभि.-वि)
 Asst. Gen. Manager (Enngg-Elect)
 भा.वि.प्रा.स्वा.वि. हवाईअड्डा, रायपुर
 AAI, S.V. Airport, Raipur

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures exclusive of GST To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
2	Design, Fabrication & Supply of Totally Type Tested Assembly Panel (Form - 4B Construction) complying to IEC : 61439-1 & 2 cubicle type LT panel, with internal arc withstand as per IEC : 61641 for 50 KA for minimum 0.3 sec and minimum impact resistance IK09 / IK10 as per IEC : 62262, cubicle type body made out of 2 mm thick CRCA sheet, totally enclosed, IP 42, floor/wall mounted with channel base frame, dust and vermin proof indoor, compartmentalised, suitable for operation on 3 phase and neutral, 415 V, 50 Hz AC, 50 kA / 1 sec. system with extensible bus-bars on both sides, making electrical & mechanical interlocking arrangement between incomers & bus-coupler breakers including control wiring with 2.5 sq mm size wires/cable, interconnection, duly powder coated painting etc. including supply & installation of following switchgears, metering instruments and accessories as per specifications. Entire panel shall have a common Copper earth bar of size 25 mm x 6 mm at the rear with 1 Nos earth stud.	item 2	1	Job	625000.00	625000.00	INR Six Lakh Twenty Five Thousand Only
3	Incomer						
4	2 Nos. 630 A, 4P MCCB, Microprocessor based release (Ics = Icu = 36 kA) with inbuilt O/L, S/C & E/F protection as per specification and each incomer shall be provided with following accessories.						
5	Extended Rotary operating Mechanism						
6	Spreader Terminals (Set of 8) with Phase Barriers						
7	Auxiliary 1 C/O + TAC 1 C/O						
8	1 Set of ON/OFF/TRIP indicating LED lamps with 2 amp back up MCB.						
9	1 Set of phase indicating LED lamps with 2 amp back up MCB.						
10	1 No. Digital MFM meter and 3 Nos. Cast resin CTs of ratio 630/5 A, Class 0.5 accuracy and 10 VA burden digital multifunction meter suitable to measure voltage, Ampere Frequency, Power Factor, Measurement of KVA/KW/KVAH/MDI, Individual Odd Harmonics for voltage and current including THD with RS-485 port.						
11	Busbars						
12	4P aluminium bus bars of 630 A capacity with heat shrinkable coloured sleeves incl SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 50 KA for 1 sec.						
13	The electrical panel shall be fully ventilated to maintain internal body temp. < 40 deg C when room amb. temp. is equal of less than 35 deg. C. Required ventilation fans shall be provided and tested.						
14	Outgoings						

सहा. प्रमुख (अ.वि.)
 Asst. Gen. Manager (Engg-Elect)
 भा.वि.प्रा.स्वा.वि. हवाईमार्ग, रायपुर
 AAI S.V. Airport, Raipur

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures exclusive of GST To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
15	4 Nos - 250 A, 4P MCCB with built in thermal magnetic release with adjustable thermal setting (Ics = Icu =36 KA)						
16	Extended Rotary operating Mechanism						
17	Spreader Terminals (Set of 8) with Phase Barriers						
18	Auxiliary 1 C/O + TAC 1 C/O						
19	1 Set of ON/OFF/TRIP indicating LED lamps with 2 amp back up MCB.						
20	Design, Fabrication & Supply of cubical type LT panel, made out of 2 mm thick CRCA sheet, totally enclosed, IP 42, floor/wall mounted with channel base frame, dust and vermin proof indoor, compartmentalized, suitable for operation on 3 phase and neutral, 415 V, 50 Hz AC, 50 kA / 1 sec. system with extensible bus-bars on both sides, duly powder coated painting etc. including supply & installation of metering instruments and indicating lamps having 4P aluminium bus bars of 630 A capacity with heat shrinkable colored sleeves incl SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 50 KA for 1 sec. Size of Panel 1000 X1000X500 mm. Length of each Bus Bar shall not be less than 800mm. All spacing between bus bar shall be as per IS Standards. With Incomer of 4 Nos - 250 A, 4P MCCB with built in thermal magnetic release with adjustable thermal setting (Ics = Icu =36 KA).	item 3	2	Job	165000.00	330000.00	INR Three Lakh Thirty Thousand Only
21	Supply of 3.5 Core x 300 Sqmm size XLPE insulated PVC sheathed, aluminium conductor, armoured, power cable of 1.1 KV grade conforming to IS 7098 (Part I), 1988 amended upto date.	item 4	120	Mtrs	1600.00	192000.00	INR One Lakh Ninety Two Thousand Only
22	Supply and installation of 300 mm width X 62.5 mm depth X 2.0 mm thickness size perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 micron) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts etc as required.	item 5	40	Mtrs	1090.00	43600.00	INR Forty Three Thousand Six Hundred Only
23	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size above 185 sq. mm and upto 400 sq. mm on cable tray (clamped with 40x3mm MS flat clamp) as required.	item 6	120	Mtrs	175.00	21000.00	INR Twenty One Thousand Only
24	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of size above 95 sq. mm and upto 185 sq. mm on cable tray (clamped with 25x40x3 mm) required.	item 7	100	Mtrs	175.00	17500.00	INR Seventeen Thousand Five Hundred Only

राहा. महा. प्रबंधक (अभि.-वि)
 Asst. Gen. Manager (Engg-Elect)
 भा.वि.प्रा.स्वा.वि. हवाईमंडल, रायपुर
 20/06/24
 AAI, S V Airport, Raipur

Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures exclusive of GST To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	7	8	10
25	Supply and making end termination with brass compression gland and aluminium and/copper lugs as per cable for 3.5 Core x 300 (70mm) size PVC insulated PVC sheathed aluminium conductor cable of 1.1 KV grade complete as required.	item 8	12	Each	1250.00	15000.00	INR Fifteen Thousand Only
26	Supply of 1 Core x 120 Sqmm size XLPE insulated PVC sheathed, stranded copper conductor, unarmoured power cable of 1.1 KV grade conforming to IS 7098 (Part I), 1988 amended upto date.	item 9	100	Mtrs	1750.00	175000.00	INR One Lakh Seventy Five Thousand Only
27	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	item 10	2	Set	10500.00	21000.00	INR Twenty One Thousand Only
28	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	item 11	4	Set	16500.00	66000.00	INR Sixty Six Thousand Only
29	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	item 12	60	Metre	1625.00	97500.00	INR Ninety Seven Thousand Five Hundred Only
30	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	item 13	120	Metre	1250.00	150000.00	INR One Lakh Fifty Thousand Only
31	Providing and fixing 25mm X 5 mm GI strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	item 14	30	Metre	625.00	18750.00	INR Eighteen Thousand Seven Hundred & Fifty Only
32	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	item 15	60	Metre	165.00	9900.00	INR Nine Thousand Nine Hundred Only
Total in Figures						6872250.00	INR Sixty Eight Lakh Seventy Two Thousand Two Hundred & Fifty Only
Quoted Rate in Words		INR Sixty Eight Lakh Seventy Two Thousand Two Hundred & Fifty Only					

Deep
20/06/24