



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

75
Azadi Ka
Amrit Mahotsav



Work Order

संदर्भ: भाविप्रा/झारसुगुडा/स.म.प्र (अभि-विद्युत)/ एचटी वीसीबी पैनल/व.ओ--07/2022/ दिनांक: 19.12.2022

Ref: AAI/JH/AGM (E-E)/HT VCB Panel/WO-07/2022/ 745 Dt.: - 19.12.2022.

By: email / Speed post / Register with AD/ Hand

सेवा में /To,

मेसर्स अवस्थी इलेक्ट्रिक वर्क्स,

M/S Awasthi Electric Works

107/265 ब्रह्मा नगर कानपुर,

107/265 Brahma Nagar Kanpur,

उत्तर प्रदेश - 208012

Uttar Pradesh - 208012.

E-mail: - aewknp@gmail.com

Ref.: -

1. e - NIT No. - 2022_AAI_132518_1.
2. Your Tender opened on 05.12.2022.

कार्य का नाम:- वीएसएस एयरपोर्ट, झारसुगुडा के एमएसएसआर में 11 केवी एचटी वीसीबी पैनल का एसआईटीसी ।

Name of Work: - SITC of 11 KV HT VCB Panel at MSSR of VSS Airport, Jharsuguda.

Dear Sir,

1. ऊपर उल्लिखित कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 7,42,250.00/- (रुपये सात लाख बयालीस हजार दो सौ पचास मात्र), जीएसटी को छोड़कर, पर स्वीकृत की जाती है जो कि निविदा में डाली गयी 7,45,343.00/- मात्र की अनुमानित लागत से 0.41% कम है।

Your 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 to Rs. 7,42,250.00/- (Rupees Seven Lakhs Fourty Two Thousand Two Hundred Fifty Only), excluding GST, which is 0.41% below the estimated cost put tender of Rs. 7,45,343.00/- only.

2. सहायक महाप्रबंधक (इंजीनियरिंग इलेक्ट्रिकल), एएआई, वीएसएस एयरपोर्ट, झारसुगुडा कार्य के प्रभारी अभियंता और प्रबंधक (इंजीनियरिंग -ई), एएआई, वीएसएस एयरपोर्ट, झारसुगुडा उनके अधिकृत प्रतिनिधि होंगे।

Asst. General Manager (Engg. - Elect.), AAI, VSS Airport, Jharsuguda shall be the Engineer-In-Charge of the work and Manager (Engg. -E), AAI, VSS Airport, Jharsuguda shall be his authorized representative.

वीर सुरेन्द्र साई हवाई अड्डा, झारसुगुडा-768204 (ओड़ीशा) दूरभास 06645-267011 फ़ैक्स 06645-267012 मेल: elect_vejh@aai.aero
महा.महाप्रबंधक (अभि-विद्युत) / AGM (Engg E)
वीर सुरेन्द्र साई हवाई अड्डा, झारसुगुडा-768204 (ओड़ीशा), Ph.: 06645-267011 Fax: 06645-267012 Mail: elect_vejh@aai.aero



Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda



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3. आपसे अनुरोध है कि इस पत्र के जारी होने के 15 दिनों के भीतर सहायक महाप्रबंधक (इंजीनियरिंग इलेक्ट्रिकल), एएआई, वीएसएस एयरपोर्ट, झारसुगुडा के कार्यालय में उपस्थित हों और अनुबंध समझौते को पूरा करें। अनुबंध समझौते को ओडिशा सरकार के गैर-न्यायिक स्टॉप पेपर पर निष्पादित किया जाएगा तथा रु.100/- (एक सौ रुपये मात्र) के स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

You are requested to attend the office of the Asst. General Manager (Engg. - Elect.), AAI, VSS Airport, Jharsuguda within 15 days of issuance of this letter and complete the contract agreement. The contract agreement shall be executed on **non-judicial stamp paper of Odisha Govt. of value Rs.100/-** (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

4. कृपया इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा के लिए रुपये 74,225.00/- (रुपये चौहत्तर हजार दो सौ पच्चीस रुपये मात्र) जमा करें। ऐसा न करने पर अनुबंध दस्तावेज के जीसीसी के 1ए खंड संख्या की शर्त के अनुसार कटौती की जाएगी।

Please deposit **Rs. 74,225.00/-** (Rupees Seventy Four 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 as per condition of clause no. 1A of GCC of the contract document.

5. आपसे अनुरोध है कि ठेका श्रमिक (विनियमन और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम और केंद्र और राज्य सरकार के नियमों के प्रावधानों का पालन करें।

You are requested to comply with the provision of contract labor (Regulation and Abolition) Act of 1970 and contract labor (Regulation and Abolition) Central Rules 1971 and Minimum Wages Act and Rules there of Central and State Govt.

6. आपको प्रबंधक (इंजीनियरिंग -ई), एएआई, वीएसएस एयरपोर्ट, झारसुगुडा से संपर्क करने का भी निर्देश दिया जाता है। जो आपको तुरंत साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Manager (Engg. - Elect.) AAI, VSS Airport, Jharsuguda immediately who will arrange to hand over the site to you.

7. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 03 माह होगा और इसकी गणना इस पत्र के जारी होने की तिथि से 10वें दिन से की जाएगी।

8. Please note that the time allowed for carrying out the work shall be **03 Months** and shall be reckoned from the 10th day from the date of issue of this letter.

9. ई-निविदा प्रक्रिया के दौरान उठाए गए सभी प्रश्न, स्पष्टीकरण शुद्धिपत्र आदि और उनके उत्तर भी समझौते का हिस्सा होंगे।

All queries, clarifications, Corrigendum etc. raised during e-tendering process and replies there of shall also form part of the agreement.

10. आपसे अनुरोध है कि जीएसटी दरों और इनपुट टैक्स क्रेडिट विवरण यदि कोई हो, को दर्शाते और जीएसटी अधिनियम के अनुसार जीएसटीआईएन का उल्लेख करते हुए वैध जीएसटी चालान जमा

वीर सुरेन्द्र साइ हवाई अड्डा, झारसुगुडा-768204 (ओडिशा) दूरभास 06645-267011 फ़ैक्स 06645-267012 मेल: elect_vejh@aai.aero

Veer Surendra Sai Airport, Jharsuguda-768204 (Odisha), Ph.: 06645-267011 Fax: 06645-267012 Mail: elect_vejh@aai.aero



Airports Authority of India
वीर सुरेन्द्र साइ हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda



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AIRPORTS AUTHORITY OF INDIA



करें, जिसमें एएआई वीएसएस हवाई अड्डे, झारसुगुडा की जीएसटी संख्या 21AAACA6412D1ZK। का उल्लेख बिलों को संसाधित करने के लिए करें।

You are requested to submit valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and input tax credit details if any for processing the bills mentioning the AAI VSS Airport, Jharsuguda GST no. 21AAACA6412D1ZK.

11. अनुबंध के संबंध में कोई और पत्राचार प्रभारी अभियंता को संबोधित करते हुए किया जाना चाहिए।

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

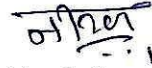
12. आपसे अनुरोध है कि बीसीएस से सुरक्षा मंजूरी प्राप्त करें।

You are requested to obtain security clearance from BCAS.

13. कृपया रसीद की पावती दें और इसके साथ संलग्न इस पत्र की डुप्लीकेट कॉपी को स्वीकृति के प्रतीक के रूप में अधोहस्ताक्षरी को विधिवत हस्ताक्षर करने के बाद लौटा दें।

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

भवदीय /Sincerely,


19/12/2022
सहा महा प्रबंधक (अभि-विद्युत) / Asst. General Manager (Engg. - Elect.)
अध्यक्ष के लिए और उनकी ओर से / For and on behalf of Chairman
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India

वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda

Encl: -

1. Schedule - A.



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Copy (NOO): -

1. General Manager (FA), RHQ, ER, NSCBI Airport, Kolkata – 700052.
2. Jt. General Manager (FA), ER, BPI Airport, Bhubaneswar - 751020.
3. Airport Director, AAI, VSS Airport, Jharsuguda – 768204.
4. Asst. General Manager (EE), AAI, VSS Airport, Jharsuguda – 768204.
5. Manager (EE), AAI, VSS Airport, Jharsuguda – 768204.
6. File.

[Handwritten Signature]
19/12/2022

महा.महाप्रबंधक (अधि-वि) / AGM (Engrg E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda

Schedule-A



AIRPORTS AUTHORITY OF INDIA
Electrical Engineering Wing
VSS Airport, Jharsuguda
Schedule of Quantity

Name of Work : - SITC of 11 KV HT VCB Panel at MSSR of VSS Airport, Jharsuguda.

Sl. No.	Description of Item	Qty	UNIT	Rate (Rs.) (Excl.GST)	Amount (Rs.) (Excl.GST)
1	Supply, installation, testing & commissioning of outdoor type (minimum IP42 rating) floor mounted metal clad, 11 KV, 1500 MVA VCB panel with 01 nos. minimum 630A VCBs, totally enclosed, horizontal draw out type breaker as per IS:13118 & IEC 62271-200/100, as amended up to date and additional specifications, single break, trip free mechanism, electrically as well as manually spring charged and Electrically as well as manually closing breaker suitable for use on 11 KV, 3 Phase, 50Hz A.C. supply with short circuit fault level of 1500 MVA complete with minimum self-contained short circuit current 20 KA for 3 seconds, minimum internal arc test for AFLR 20 KA for 1 seconds at individual compartments i.e. busbar, VCB and Cable compartment, rack in rack out mechanism, air insulated encapsulated / pre-insulated copper busbar of capacity meeting the fault level current (minimum 800 Amp) extendible type at the both end, breaker featured with mechanical ON/OFF indicator with hand trip device, breaker control TNC switch and all accessories such as shunt trip coil, auxiliary switch of 6 NO + 6 NC (minimum) and equipped with switchgears/accessories mentioned below, motorized and manually operated spring assisted closing mechanism, emergency trip push button, interconnection, space heaters, earthing etc. and suitable for one no incoming and one no out going cable of size 3 X 185 sqmm. XLPE 11KV cable (cable entry from bottom), etc. as required I/C necessary PCC/ RCC foundation work on the floor if required. Panel should be dust proof, water proof suitable for outdoor installation. (Note-Cost of cable end termination not included in this item) as per technical specification and site condition etc as required. Panel Board shall be provided with Earthing switch trolley for earthing of incoming side / Busbar / outgoing breakers section and cost of same deemed to be included in the item.	1	Each	₹ 6,55,000.00	₹ 6,55,000.00
	INCOMER - 1 nos. and each incomer shall consist of following				
	1) 1 No. 630Amp (minimum), 20KA (minimum), 11KV Vacuum Circuit Breaker with motorised and manual spring charged and auto, manual closing mechanism, shunt trip coil, closing coil, auxiliary switch etc complete with all accessories. (for CESU incomer) 2) 3 Nos. Line PT 11KV/ $\sqrt{3}$, 110V/ $\sqrt{3}$, 100VA class 1.0 epoxy cast resin draw out type with backup PT fuses at Primary side and MCB at Secondary side. 3) 3 Nos. Single Phase double core double ratio current transformer 100/50/5A/5Amp, 15 VA epoxy cast insulated class of insulation class E, having accuracy class 0.5 for metering and 5P10 for protection. (for incomer) 4) 1 Nos. Microprocessor based digital Numerical IDMT relay with 3 O/C and 1 E/F element with highset hand reset contacts & indicator (flag) (O/C- setting 20-200% & E/F setting 10-80%) with protection for O/C and E/F with communication facility RS485 port. 5) 1 No. microprocessor based digital UV / OV relay with communication port RS485. 6) 1 No. Auxiliary relay Relay. 7) 1 No. Trip circuit supervision Relay. 8) 1 No. Master Trip Relay. 9) 1 No. Circuit breaker control switch for electrical (T/N/C). 10) 1 Set. limit switch for test & service position. 11) 1 No. 3 phase digital Voltmeter of class 0.5 to read (0-15KV) (96mm square) with inbuilt selector switch 12) 1 No. 3 phase digital Ammeter of class 0.5 to read (0-100Amp) (96mm square) with inbuilt selector switch				

महा. महाप्रबंधक (अ.प्र.) / AGM (Engg-E)
 भारतीय विमानपत्तन प्राधिकरण



Airports Authority of India
 वीर सुन्दर साई हवाई अड्डा

Sl. No.	Description of Item	Qty	UNIT	Rate (Rs.) (Excl.GST)	Amount (Rs.) (Excl.GST)
	13) 1 No. Intelligent digital multi function meter of class 0.5 to read V,A,kVA, KW, kVAR, KVAH, KVAH, PF, Hz, maximum demand etc with communication facility (RS485 port), THD and Individual order harmonics upto 31st order. LED display with required Nos CTs, with 2 Amp protection MCB. 14) 1 No.Maximum Demand Indicator cum Controller. 15) 1 Set LED type phase indications lamps for R,Y,B, Breaker ON,OFF,TRIP, Trip circuit healthy, spring charge etc. 16) 1 No. 8 Window Digital Annouciator 17) 3 Nos type 1, 11 KV grade surge arrestors. 18) 230 V AC Space Heater controlled with thermostat with protection MCB in each breaker compartment. 19) 6 Amp,230 V AC power socket with switch in each breaker control compartment. 20) Common Buzzer, 230V AC 21) All metering and protection devices, interconnections, necessary control wiring and all other accessories shall be provided as per Technical specifications & technical particulars.				
2	Laying of PVC insulated and PVC sheathed / XLPE power cable of 11 kV grade of following size in the existing masonry open duct as required				
2.1	Above 120 sq. mm and upto 400 sq. mm	50	Mtr.	₹ 130.00	₹ 6,500.00
3	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 metre long etc. with charcoal/ coke and salt as required.	2	Each	₹ 9,500.00	₹ 19,000.00
4	Supplying and laying 50 mm X 6 mm 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. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	50	mtr	₹ 275.00	₹ 13,750.00
5	Providing and fixing 50mm x 6mm on surface or in recess for loop earthing along with existing surface/ recessed as per site condition.	100	Mtr.	₹ 195.00	₹ 19,500.00
6	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed 1 XLPE aluminium conductor cable of 11 kV grade as required earthing.				
6.1	3 X 185 sq. mm	3	Each	₹ 9,500.00	₹ 28,500.00

Grand Total ₹ 7,42,250.00

(Rupees Seven Lakhs Fourty Two Thousand Two Hundred Fifty Only)

मीडिया
19/12/2022

महा. महाप्रबंधक (अभि-पि) / AGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda

Signature Not Verified

Digitally signed by NIRAD KUMAR PATRA
Date: 2022.12.19 10:52:23 IST
Location: eProcurement System for Central PSUs