



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



Work Order

संदर्भ: भाविप्रा/जेएच/स.म.प्र(अभि-विद्)/स्ट्रीट लाइट के खंभे/व.ओ-09/2023/ 755 दिनांक: 09.01.2023.

Ref: AAI/JH/AGM (E-E)/Street Light poles /WO-09/2023/ 755

Dt.: - 09.01.2023.

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

सेवा में /To,

मेसर्स योंगमेन ट्रेडर्स,

M/s Youngmen Traders

P-27/1, राष्ट्रगुरु आविन्यू,

P/27/1, Rastraguru Avenue,

दम दम, कोलकाता, पिन -700028, पश्चिम बंगाल

Dum Dum, Kolkata PIN-700028, West Bengal

E-mail: - boscranjan@hotmail.com.

Ref.: -

1. e - NIT No. - 2022_AAI_134674_1.
2. Your Tender opened on 08.12.2022.

कार्य का नाम:- वीएसएस एयरपोर्ट, झारसुगुड़ा में स्ट्रीट लाइट पोल और केबल का एसआईटीसी।

Name of Work: - SITC of Street Light Poles & Cable at 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. 35,07,700.00/- (पैंतीस लाख सात हजार सात सौ मात्र), जीएसटी को छोड़कर, पर स्वीकृत की जाती है जो कि निविदा में डाली गयी 49,08,247.00/- मात्र की अनुमानित लागत से 28.53% 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. 35,07,700.00/-** (Thirty Five Lakhs Seven Thousand Seven Hundred only), excluding GST, which is 25.04% below the estimated cost put tender of Rs. 49,08,247.00/- only.

2. सहायक महाप्रबंधक (इंजीनियरिंग इलेक्ट्रिकल), एएआई, वीएसएस एयरपोर्ट, झारसुगुड़ा कार्य के प्रभारी अभियंता और प्रबंधक (इंजीनियरिंग -ई), एएआई, वीएसएस एयरपोर्ट, झारसुगुड़ा 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, झारसुगुड़ा-768204 (ओडीशा) दूरभास 06645-267011 फेक्स 06645-267012 ईमेल: elect_vejh@aaai.aero

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



Airports Authority of India

वीर सुरेन्द्र साई हवाई अड्डा

Veer Surendra Sai Airport, Jharsuguda



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 3,50,770.00/- (केवल तीन लाख पचास हजार सात सौ सत्तर रुपये) जमा करें। ऐसा न करने पर अनुबंध दस्तावेज़ के जीसीसी के 1ए खंड संख्या की शर्त के अनुसार कटौती की जाएगी।

Please deposit **Rs. 3,50,770.00/-** (Rupees Three Lakhs Fifty Thousand Seven Hundred Seventy 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 06 माह होगा और इसकी गणना इस पत्र के जारी होने की तिथि से 10वें दिन से की जाएगी।

Please note that the time allowed for carrying out the work shall be **06 Months** and shall be reckoned from the 10th day from the date of issue of this letter.

8. 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.

9. 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

जीएसटी / AGM (Engg-E)



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



चालान जमा करें, जिसमें एएआई वीएसएस हवाई अड्डे, झारसुगुडा की जीएसटी संख्या 21AAACA6412D1ZK1 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.

10. 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.

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

You are requested to obtain security clearance from BCAS.

12. 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,

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



Airports Authority of India

वीर सुरेन्द्र साई हवाई अड्डा

Veer Surendra Sai Airport, Jharsuguda

Encl: -

1. Schedule – A.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

75
Azadi Ka
Amrit Mahotsav



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. Asst. Manager (EE), AAI, VSS Airport, Jharsuguda – 768204.
7. File.

नीर

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



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

Schedule - A

Name of Work : - SITC of Street Light Poles & Cable at VSS Airport, Jharsuguda.

Sl. No.	Description of Item	Qty	UNIT	RATE (Rs.) Excl. GST	Amount Excl. GST
1	Supply and Installation of 9.0mtrs high GI octagonal pole with single side(1 mtr overhang) with end nipple to hold one no LED light fixture with GI base plate of 320x320x12mm thick, PCD-320MM & Foundation Bolt-M24X750X4mm.The pole shall be provided with flush door at the bottom with proper strengthening to the cut out of the door opening. A junction/looping box with heavy duty 3 phase 4 way connector shall be in built into the pole. The rate shall be inclusive of providing R.C.C. foundation for wind speed 180KM/HR with minimum 1:2:4 ratio , cable entry pipe sleeve of 32 mm dia N.B. The rate shall include the cost of one no.6 Amp. MCB, 16 Sqmm. stud connectors 4 way ,connecting wire 3 x 1.5 Sq.m.FRLS copper cable with 1.5 sqmm insulated wire earth continuity conductor from junction box to light fixture etc as per tender specification, site condition as directed by Engg In Charge.	35	Each	₹17,000.00	₹595,000.00
2	Supply and installation of 7.0mtrs high GI octagonal pole with single side(1 mtr overhang) with end nipple to hold one no LED light fixture with GI base plate of 320x320x12mm thick, PCD-320MM & Foundation Bolt-M24X750X4mm.The pole shall be provided with flush door at the bottom with proper strengthening to the cut out of the door opening. A junction/looping box with heavy duty 3 phase 4 way connector shall be in built into the pole. The rate shall be inclusive of providing R.C.C. foundation for wind speed 180KM/HR with minimum 1:2:4 ratio , cable entry pipe sleeve of 32 mm dia N.B. The rate shall include the cost of one no.6 Amp. MCB, 16 Sqmm. stud connectors 4 way ,connecting wire 2 x 1.5 Sq.m. FRLS copper cable with 1.5 sqmm insulated wire earth continuity conductor from junction box to light fixture etc. as per tender specification, site condition as directed by Engg In Charge.	20	Each	₹15,000.00	₹300,000.00
3	Supply of minimum 45 watt LEDstreet light of innovative die-cast Aluminium/Magnesium Alloy IP66 light fixture having minimum 45000 lumen output & minimum CCT of 5000 to 6500K i/c necessary electronic driver, high power LED lamp suitable to operate on 230V ac power supply with connector etc. as per tender specifications complete as required.(Each LED fittings should be minimum IP66 rating). (5 year warrantee shall be provided for complete fittings i/c driver by manufacturer/dealer in favour of AAI).	60	Each	₹1,600.00	₹96,000.00
4	Supply of Junction box of IP 66/ IP67 /IP 69 Thermoplastic Polycarbonate weatherproof junction box with multi-level knockouts for cable glands in different sizes. The pre-moulded knockouts shall be available on all the four sides of the junction box to enable cable entries from any direction. Mounting clamp with M32 gland MCB, 6Amp, SP-1no with stud type terminal block, Dimension-205x255x112mm.	20	Each	₹5,000.00	₹100,000.00
5	Earthing with G.I. earth pipe 4.5 meter 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 as per tender specification, site condition as directed by Engg In Charge..	9	Job	₹7,000.00	₹63,000.00
6	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ground as required.	150	Mtr.	₹18.00	₹2,700.00
7	Supply of following XLPE insulated & PVC sheathed 1.1 KV grade, aluminium conductor, armoured power cable conforming to IS:7098, PART-1/1988 upto date amendments.				
7.1	3.5C x 95 Sq. mm	600	Mtr.	₹375.00	₹225,000.00
7.2	3C x 16 Sq. mm	1000	Mtr.	₹85.00	₹85,000.00
7.3	4C X 16 Sq.mm	2500	Mtr.	₹110.00	₹275,000.00
8	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 /DWC HDPE pipe as required				
8.1	Upt o 35 sqmm	3500	Mtr.	₹25.00	₹87,500.00
8.2	Above 35 sq. mm and upto 95 sq. mm	550	Mtr.	₹30.00	₹16,500.00

Sl. No.	Description of Item	Qty	UNIT	RATE (Rs.) Excl. GST	Amount Excl. GST
9	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed I XLPE aluminium conductor cable of 1.1 kV grade as required.				
9.1	3.5C x 95 Sq. mm	10	set	₹300.00	₹3,000.00
9.2	4C x 16 Sq. mm	30	set	₹250.00	₹7,500.00
10	Constructing brick masonry chamber of size 1000x1000x1000mm of size in cement mortar 1:4 (1 cement :4 coarse sand) inside cement plaster 15 mm thick with cement mortar 1:3 (1 cement: 3 Coarse sand) finished with floating coat of neat cement foundation concrete 1:3:6(1 cement: 3 coarse sand:6 graded stone aggregate 40 mm nominal size) all complete as per standard design with cover of 75 mm thick ness made by RCC in cement mortar 1:2:4(1 cement: 2 coarse sand:4 graded stone aggregate 40 mm nominal size) in two piece with 12 mm rod handle in order to easy handling and as per Tender specifications and as per directions of Engineer-In-charge.	4	Job	₹10,000.00	₹40,000.00
11	Supply and laying of following size HDPE pipe conforming to IS at a depth of 0.8Mtr along with all accessories like socket, bend, couplers etc. conforming to IS with upto date amendments ,direct in ground/ bitumin road/ hard rock area including excavation and making good surface as per site condition & direction of Engineering In-Charge. min 100 mm dia (OD).PN-10.PE-100.	500	Mtr	₹425.00	₹212,500.00
12	Supply and laying of following size HDPE pipe conforming to IS at a depth of 0.8Mtr along with all accessories like socket, bend, couplers etc. conforming to IS with upto date amendments ,direct in ground/ bitumin road/ hard rock area including excavation and making good surface as per site condition & direction of Engineering In-Charge. Min 63 mm dia (OD-63 mm & ID-51 mm nominal) NP 10.PE 100	3000	Mtr.	₹175.00	₹525,000.00
13	Supply of following size of Heavy duty wall mounting fan / air circulator complete with motor, suitable rating capacitor, double ball bearing, 3/4 blades, indexable / tiltable to different positions, oscillation up to 90 degrees, powder coated wire guard, with speed regulator suitable for single phase 230 V 50 HZ, AC supply confirms to IS 2997-1964				
13.1	300mm sweep wall mounted fan (Metalic Body)	5	Each	₹3,000.00	₹15,000.00
13.2	450mm sweep wall mounted fan(Metalic Body)	8	Each	₹5,500.00	₹44,000.00
14	Supply of following size heavy duty Pedestal Fan / air circulator complete with motor, suitable rating capacitor, double ball bearing, 3/4 blades, oscillation up to 60 degrees or more, powder coated wire guard, with speed regulator, suitable for single phase 230 V 50 HZ, AC supply confirms to IS 2997-1964				
14.1	400mm sweep, Pedestal fan (Metalic Body)	5	Each	₹6,000.00	₹30,000.00
15	Supply of ceiling fan of 1200 mm sweep, single phase induction motor, five star rated with double ball bearing, blades, capacitor, canopy, suitable down rod, and other accessories suitable for single phase 230 V 50 HZ, AC supply with two year guarantee / warranty.	10	Each	₹2,500.00	₹25,000.00
16	Supply of heavy duty exhaust fan of 300 mm, single phase 230 V 50 HZ, AC supply complete with totally enclosed heavy duty motor, suitable capacitor, double ball bearing, rigid frame with rubber mountings, confirms to IS 2312-1967.	5	Each	₹1,800.00	₹9,000.00
17	Supply, installation, testing and commissioing of of double door, lockable powder coated out door type jnction boxes IP 54 of size 600 X 600 X 400 mm made out of 2 mm thick MS sheet with detachable gland plate, Canopy, Cu stud type SMC / DMC connector of 300 A and shorting arrangement, MS angle iron frame, PCC foundation and hard standing all around to a reach of 1mtr etc. complete as required as per site condition & direction of Engineering In-Charge..	2	JOB	₹3,500.00	₹7,000.00
18	Dismantling of Overhead line conductor using tools & tackles as required as per site condition as directed by Engg In Charge.	4500	Mtr.	₹4.00	₹18,000.00
19	Excavation of the trench in hard rock not exceeding 1.5 mtr in width, and lift upto 1.5mtr, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50mtrs.	10	CUM	₹600.00	₹6,000.00

महा.महापंचक (अभि-वि) / AGM (अभि-वि)

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

Sl. No.	Description of Item	Qty	UNIT	RATE (Rs.) Excl. GST	Amount Excl. GST
20	Supply, Installation, Testing & Commissioning of out door type double door Distribution LT Panel with suitable canopy, made of high quality GRP (Fibre Glass Reinforced Polyester)/FRP(Fiber Reinforced Polyester) totally enclosed, free standing, floor mounting, dust and vermin proof, weather proof, outdoor, suitable for operation on 3 phase and neutral, 415 V, 50 Hz AC system with copper busbars including internal wiring with (FRSL) suitable size wires/cable interconnection, bottom cable entry provision(Suitable for 4 x 25 sqmm cable), including with DMC/SMC bus bar supports, connectors, common GI earth of size 25mm X 5mm at the rear with 2 nos. earth stud including necessary foundation, specification, supply and installation of following switchgears, metering instruments and accessories in the LT Panel and as per specifications and site requirement. 1. Degree Of Protection- Minimum IP 54 2. Temperature Operating conditions- -5°C to +85degC 3. Protection against mechanical impact IK 10 4. Resistant to oil, petrol, sulphuric, acids, alcohol, seawater, salt, bituminous materials.	2	JOB	₹360,000.00	₹720,000.00
20.1	Electrical Parameters: System Voltage: 415 V, 50Hz, 4Wire+E Installation- : Outdoor/Floor Mounting Incoming: 160Amp,FP,36kA,MCCB,ICS=ICU=100%-2nos RYB indication Lamp-Each 2nos 96Sq.mm Digital Multifunction meter-1no Current Transformer,100/5A,5VA CL1-3nos 4A SP 10kA control MCB-3nos OUTGOING: 32Amp, FP, 10kA, MCB-2 nos C1-32A FP Contractor-1No 24Hrs Timer-1No L1/L2-on/off indication Lamp-Each 1no PB1/PB2-Start/Stop push button-Each 1no Auto,local,remote Selector Switch-1No for Auto,local 2A SP 10kA control MCB-1no OUTGOING: 40Amp, DP, 10kA, MCB-10nos				

Grand Total **₹3,507,700.00**

(RUPEES THIRTY FIVE LAKHS SEVEN THOUSAND SEVEN HUNDRED ONLY)

AGM (E-E)

VSS Airport, Jharsuguda.

सहा. महाप्रबंधक (अग्नि-वि) / AGM (Engg-E)
भारतीय विमानचलान 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: 2023.01.09 14:56:40 IST
Location: eProcurement System for Central PSUs