



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

75
Azadi Ka
Amrit Mahotsav



Work Order

संदर्भ: भाविप्रा/झारसुगुडा/स.म.प्र (अभि-विद्युत)/ एप्रन विस्तार कार्य /व.ओ--02/2022/ दिनांक: 26.09.2022

Ref: AAI/JH/AGM (E-E)/Apron Expansion Work/WO-02/2022/ 706 Dt.: - 26.09.2022.

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

सेवा में /To,

मेसर्स योंगमेन ट्रेडर्स,

M/s Youngmen Traders

P-27/1, राष्ट्रगुरु आविन्यु,

P/27/1, Rastraguru Avenue,

दम दम, कोलकाता, पिन -700028, पस्चीम बंगाल

Dum Dum, Kolkata PIN-700028, West Bengal

E-mail: - boseranjan@hotmail.com .

Ref.: -

1. e - NIT No. - 2022_AAI_123628_1.
2. Your Tender opened on 05.09.2022.

कार्य का नाम:- वीएसएस हवाई अड्डे, झारसुगुडा में नए लिंक टैक्सीवे और संबद्ध कार्यों के साथ एबी 320 प्रकार के 4 प्रकार के विमानों के लिए एप्रन का विस्तार। (एसएच:- विद्युत कार्य (जीएलएफ कार्य))।

Name of Work: - Expansion of Apron for 4 Nos. of AB 320 Type of Aircraft with new Link Taxiway and allied works at VSS Airport, Jharsuguda. (SH: - Electrical Work (GLF works)).

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. 32,25,423.00/- (बत्तीस लाख पच्चीस हजार चार सौ तेईस मात्र), जीएसटी को छोड़कर, पर स्वीकृत की जाती है जो कि निविदा में डाली गयी 43,30,310.00/- मात्र की अनुमानित लागत से 25.52% 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. 32,25,423.00/- (Thirty Two Lakhs Twenty Five Thousand Four Hundred and Twenty Three only), excluding GST, which is 25.52% below the estimated cost put tender of Rs. 43,30,310.00/- only.

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

जीएन
26/09/22

वीर सुरेन्द्र साई हवाई अड्डा, झारसुगुडा-768204 (ओड़ीशा) 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



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

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 स्टाम्प 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 3,22,542.00/- (तीन लाख बाईस हजार पांच सौ बयालीस रुपये)मात्र जमा करें। ऐसा न करने पर अनुबंध दस्तावेज़ के जीसीसी के 1ए खंड संख्या की शर्त के अनुसार कटौती की जाएगी।

Please deposit **Rs. 3,22,542.00/-** (Rupees Three Lakhs Twenty-Two Thousand Five Hundred Forty-Two) 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 सहायक प्रबंधक (इंजीनियरिंग -ई), एएआई, वीएसएस एयरपोर्ट, झारसुगुडा से संपर्क करने का भी निर्देश दिया जाता है। जो आपको तुरंत साइट सौंपने की व्यवस्था करेंगे।

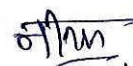
You are also directed to contact Asst. Manager (Engg. - Elect.) AAI, VSS Airport, Jharsuguda immediately who will arrange to hand over the site to you.

7. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 06 महीने होगा और इसकी गणना 06.10.2022 से की जाएगी।

Please note that the time allowed for carrying out the work shall be **06 Months** and shall be reckoned from **06.10.2022**.

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

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


28/09/21



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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 चालान जमा 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.

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,

सि.म. 26/09/22

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

Encl: -

1. Schedule - A.

सहा महा प्रबंधक (अभि-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 ENGG WING
VSS AIRPORT, JHARSUGUDA
Schedule of Quantity

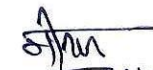
Schedule - A

Name of Work : - Expansion of Apron for 4 Nos. of AB-320 Type of Aircraft with new Link Taxiway and allied works at VSS Airport, Jharsuguda. (SH :- Electrical Work(GLF works)).

Sl. No.	Description of Item	Qty	Unit	Rate (Excl. GST)	Amount (Excl. GST)
1	Supply of 5 KV grade, multi stranded tinned copper conductor, XLPE insulated, Polyethylene sheathed, single core and with inner and outer semi conductor, underground cable or airfield lighting generally as specified in tender specification of the following sizes as required. a) 6 sq mm	3260	Mtr	₹95.00	₹3,09,700.00
2	Supply of elevated type LED Taxiway Edge light fitting (MIRL fitting) for use as Taxiway / Apron Edge /Turning Pad lights suitable for operation at 2.8 Amps to 6.6 Amps series circuit supply current complete with suitable LEDs, omni-directional lens, lens clamping mechanism, breakable coupling, rings /gaskets, base plate with 06 nos. M-10 stainless steel bolts and including an integrated encapsulated suitable electronic converter with standard secondary lead etc. complete fitting confirming to latest ICAO standards / requirement complete as required & direction of Engineering In-Charge..	64	Set	₹3,500.00	₹2,24,000.00
3	Supply of 15 Watt 6.6 Amps /6.6 Amps, 5 KV grade 50 Hz Isolating transformer series type encapsulated in neoprene type rubber with primary and secondary two pin leads as specified in technical specification as per site condition & direction of Engineering In-Charge.	64	Each	₹2,600.00	₹1,66,400.00
4	Supply of following size copper conductor two pin secondary leads with one side male connector and other side female connector suitable for airfield lighting system and conforming to particular technical specifications etc. complete as required, as per site condition & direction of Engineering In-Charge. Size : - 2 X 2.5 Sq. MM & minimum 0.3 meter long .	64	Each	₹400.00	₹25,600.00
5	Supplying of following size HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS with upto date amendments ,complete as per site condition & direction of Engineering In-Charge. A) 63 mm dia (OD),PN-8,PE-100.	2608	Mtr	₹135.00	₹3,52,080.00
6	Laying of following size HDPE pipe at a depth of 0.8Mtr along with all accessories like socket, bend, couplers etc. Complete with fitting and cutting, jointing etc. direct in ground including excavation and making good surface as per site condition & direction of Engineering In-Charge. Size 63 mm dia (OD),PN-8,PE-100.	2608	Mtr	₹85.00	₹2,21,680.00

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18/09/22

Sl. No.	Description of Item	Qty	Unit	Rate (Excl. GST)	Amount (Excl. GST)
7	Supply and drawing of following Size of FRLS PVC insulated multistand Copper Conductor cable in the existing Steel/PVC Conduits/HDPE Pipe for secondary supply of GLF fitting from isolating transformer and making jointing with both end two pin secondary leads as per tender specification, site condition & direction of Engineering In-Charge. (a) Size: 3 x 2.5 sq mm copper conductor cable (3 runs of 2.5 sqmm)	640	Mtr	₹95.00	₹60,800.00
8	Installation, Testing, and Commissioning of elevated type high intensity runway edge /approach light/Taxi light fitting all other accessories complete as required as per site condition & direction of Engineering In-Charge.	64	Each	₹200.00	₹12,800.00
9	Supply of C.I isolating transformer housing box , water tight round type, metal container of outside size 330 mm height 450 mm made of 10 mm thick cast iron moulding all round, except the top surface, which is 15 mm thick, cast iron moulding suitable to receive a light fitting base plate on the top and underground housing associated with transformer power cable and having a clear hole at three side surface centre 75 mm above bottom surface suitable to receive of 63 mm dia (outer dia) HDPE/G. I. pipe and including check nuts as required and another hole at 175 mm from the bottom of the CI box to receive one no. 15 mm dia, "B" class, GI pipe and check nut as required. The box should have two SS earth bolts of M10 x 30 mm tapped inside near the hole away from the hole centre and having a drain hole at the bottom suitably tapped to receive 15 mm dia, "B" class GI pipe and having clear opening of 220 mm at the top surface and 6 nos. M10 tapped hole at the hole centre 260 mm to receive fitting base plate and bolts as required as per the drawings.(triple Hole type).	64	Each	₹4,800.00	₹3,07,200.00
10	supply of CI collars of 50 mm height ,330mm dia,10mm thick CI moulding all around except top surface which is 15mm thick with 220mm opening on top & bottom, with 6nos. m-10 tapped hole on top and 6nos. through holes at bottom to pass m-10 bolts with three holes suitable to receive 50 mm dia (outer dia) HDPE/G. I. pipe	64	Each	₹2,700.00	₹1,72,800.00
11	Installation of transformer housing box / collar as per site with a 100mm thick base concrete of 1:3:6 & all round concrete of 1:2:4 of 150mm thick along with top sloped as specified i/c providing & fixing 250 mm long 15mm dia "B" class G.I Pipe with check nuts at the bottom surface for drainage of water i/c excavation, alignment & refilling as reqd & as per drawing and specifications, as per site condition as per direction of Engineering In-Charge.	64	Each	₹1,600.00	₹1,02,400.00
12	Installation of transformer housing box collar as per site with a 100mm thick base concrete of 1:3:6 & all round concrete of 1:2:4 of 150mm thick along with top sloped as specified i/c excavation, alignment & refilling as reqd & as per drawing and specifications, as per site condition as per direction of Engineering In-Charge.	64	Each	₹1,200.00	₹76,800.00
13	Making field connections by crimping 6/16 sq. mm plug and receptacle with existing 6/16 sq. mm single core PVC copper conductor cable including filling the gap with water sealant material and applying PVC insulated tape etc. complete as required, as per site condition & direction of Engineering In-Charge.	64	Set	₹100.00	₹6,400.00
14	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 5 KV grade of following size in the existing RCC/HUME/ METAL/HDPE pipe as required, as per site condition & direction of Engineering In-Charge. A) up to 25 Sq mm.	2608	Mtr	₹20.00	₹52,160.00
15	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 5 KV grade of following size on wall surface / trench as required, as per site condition & direction of Engineering In-Charge. A) up to 25 Sq mm.	25	Mtr	₹35.00	₹875.00


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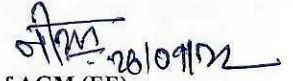
Sl. No.	Description of Item	Qty	Unit	Rate (Excl. GST)	Amount (Excl. GST)
16	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required, as per site condition & direction of Engineering In-Charge.	8	Each	₹7,000.00	₹56,000.00
17	Supply and laying of 6 SWG dia G.I. wire on surface or in recess for loop earthing as required, as per site condition & direction of Engineering In-Charge.	2608	Mtr	₹16.00	₹41,728.00
18	Design Supply, Installation, Testing and commissioning of indoor type Microprocessor based Constant Current Regulator (CCR) suitable for remote as well as local control operations with 5 position brightness control (6.6A maximum current corresponding to 100% brightness) on input voltage 230/415 V, 50hz., AC supply, Control voltage: 48VDC ,provision for control supply with switchgears, CCR protections, connection/ inter-connection etc. Complete as required as per tender specification & direction of Engineering In-Charge. 20 KW, 6.6A output current.	1	Job	₹3,50,000.00	₹3,50,000.00
19	Design Supply, Installation, Testing and commissioning of indoor type Microprocessor based Constant Current Regulator (CCR) suitable for remote as well as local control operations with 5 position brightness control (6.6A maximum current corresponding to 100% brightness) on input voltage 230/415 V, 50hz., AC supply, Control voltage: 48VDC ,provision for control supply with switchgears, CCR protections, connection/ inter-connection etc. Complete as required as per tender specification & direction of Engineering In-Charge. 7.5 KW, 6.6A output current.	1	Job	₹2,30,000.00	₹2,30,000.00
20	Constructing brick masonry chamber of size 1200x1200x1200mm 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.	10	Job	₹10,000.00	₹1,00,000.00
21	SITC of internally illuminated LED based Mandatory / Information /Location/VOR check point Runway / Taxiway guidance age of various sizes made out of 4mm thick glare free poly carbonate sheet at front and body made out of 2.0mm thick powder coated aluminum profile having minimum width of 150mm and supported at back by 50mm dia, 3mm thickness, die cast aluminum pipe at a separation as required, and frangible coupling as required. Light source shall be high luminous, long life typical 50,000 Hrs. type, 0.5 Watts LED's assembled on aluminum PCB. The thickness of the aluminium PCB should be 2mm in order to ensure proper heat dissipation. These aluminium PCB's should be placed not more than 160mm apart across the length of the board in order to ensure uniform distribution of light across the board. Each board having length from 800mm up to 3000mm should be illuminated by a single converter & by using single isolating transformer of suitable wattage in order to save the capital cost of multiple isolating transformers. Signage shall be suitable for operation on series circuit at variable current from 2.8Amp - 6.6Amp and will give constant brightness for all current variation. All the signage shall have letters and symbols made by computerized cutting of vinyl and pasting on the polycarbonate sheet from inside/outside of the sign face of required color as per ICAO.	10	Sq Mtr	₹35,000.00	₹3,50,000.00

after
28/09/22

Sl. No.	Description of Item	Qty	Unit	Rate (Excl. GST)	Amount (Excl. GST)
22	Excavation of the cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres, including getting out the excavated soil and disposal of excavated soil as directed by EIC as per site condition.	20	CUM	₹300.00	₹6,000.00

Total ₹32,25,423.00

Thirty Two Lakhs Twenty Five Thousand Four Hundred Twenty Three Only


 Sign of AGM (EE)
 AAI, VSS Airport Jharsuguda



Signature Not Verified

Digitally signed by NIRAD KUMAR PATRA
 Date: 2022.09.28 11:00:46 IST
 Location: eProcurement System for Central PSUs

