



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



Work Order

संदर्भ: भाविप्रा/जेएच/स.म.प्र(अभि-विद्)/ विविध कार्य /व.ओ-10/2024/

दिनांक: 18.01.2024.

Ref: AAI/JH/AGM (E-E)/Miscellaneous work /WO-10/2024/ 917

Dt.: - 18.01.2024.

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

सेवा में /To,
मैसर्स रिवाइंडर टेक्नो इलेक्ट्रिकल्स,
M/s REWINDER TECHNO ELECTRICALS,
सी-709, वर्धमान अपार्टमेंट,
C-709, VARDHAMAN APARTMENT,
मयूर विहार-I,
MAYUR VIHAR-I, ,
दिल्ली - 110091, भारत,
DELHI - 110091, India,
E-mail: - rewindertchno@yahoo.co.in

Ref.: -

1. Bid No.: - 2023_AAI_175182_1.
2. Your Tender opened on 28.12.2023

कार्य का नाम: - वीएसएस हवाई अड्डे झारसुगुड़ा में विविध लघु पूंजीगत कार्यों का प्रावधान ।

Name of Work: - Provision of Miscellaneous minor capital works 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. 59,45,455.00/- (रुपये उनसठ लाख पैंतालीस हजार चार सौ पचपन मात्र), जीएसटी को छोड़कर, पर स्वीकृत की जाती है जो कि निविदा में डाली गयी 88,15,293.00/- मात्र की अनुमानित लागत से 32.56% 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. 59,45,455.00/-** (Rupees Fifty-Nine Lakhs Fourty Five Thousand Four Hundred Fifty-Five Only), Excluding GST, which is 32.56% below the justified cost put tender of Rs. 88,15,293.00/- only.

2. सहायक महाप्रबंधक (इंजीनियरिंग इलेक्ट्रिकल), एएआई, वीएसएस एयरपोर्ट, झारसुगुड़ा कार्य के प्रभारी अभियंता और सहाप्रबंधक (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 Asst. Manager (Engg. -E), AAI, VSS Airport, Jharsuguda shall be his authorized representative.

सह. महाप्रबंधक (अभि-वि) /AGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA



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 5,94,546.00/- (मात्र पांच लाख चौरानवे हजार पांच सौ छियालीस रुपये) जमा करें। ऐसा न करने पर अनुबंध दस्तावेज़ के जीसीसी के 1ए खंड संख्या की शर्त के अनुसार कटौती की जाएगी।

5. Please deposit **Rs. 5,94,546.00/-** (Rupees Five Lakhs Ninety-Four Thousand Five Hundred Forty Six 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.

6. 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.

7. आपको सहायक (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.

8. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 05 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 **05 Months** and shall be reckoned from the 10th day from the date of issue of this letter

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.

2. आपसे अनुरोध है कि जीएसटी दरों और इनपुट टैक्स क्रेडिट विवरण यदि कोई हो, को दशति और जीएसटी अधिनियम के अनुसार जीएसटीआईएन का उल्लेख करते हुए वैध जीएसटी 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**.

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

सहायक (इंजीनियरिंग - ई) AGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण

A. Authority of India



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



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

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

You are requested to obtain security clearance from BCAS.

5. 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,

13-08-2021
सहा. महा प्रबंधक (अभि-वि) / 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

सहा महा प्रबंधक (अभि-वि) / 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

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

Encl: -

1. Schedule - A.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

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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.


18/01/2024
सहा. महाप्रबंधक (अभि-वि) /AGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda

विमानपत्तन प्राधिकरण (अभि-वि) जहसगुडा, ओडिशा
जहसगुडा विमानपत्तन प्राधिकरण
जहसगुडा विमानपत्तन प्राधिकरण
जहसगुडा विमानपत्तन प्राधिकरण
जहसगुडा विमानपत्तन प्राधिकरण

**AIRPORTS AUTHORITY OF INDIA****Electrical Engineering Wing****VSS Airport, Jharsuguda, Odisha****Schedule of Quantity****Name of Work:-** Provision of Miscellaneous minor capital works at VSS Airport Jharsuguda.

Sl. No.	Description of item	Qty	Unit	Rate (Excl. GST)	Amount (Excl. GST)
1	SITC of of inset type, Uni-directional, Green LED turning pad Light fixture, single lead suitable for operation with 6.6A, series circuit, conforming to relevant technical specification complete with all accessories like LED lamp, Driver, Connecting lead, prisms etc. as per DGCA CAR and annexure 14 requirements with shallow bases as required etc. complete as required as per tender specification & direction of Engineering In-Charge including necessary cutting and filling of runway surface with suitable compound.	50	Nos.	₹ 65,000.00	₹ 32,50,000.00
2	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. including 04 nos. of bottom wheel and main power supply incomer MCCB Complete as required as per site condition as per tender specification as directed by Engineering In-Charge. 25 KW, 6.6A output current.	2	Job	₹ 3,00,000.00	₹ 6,00,000.00
3	Supply of AMA make instrument for setting & checking horizontal and vertical angle of approach light as per DGCA CAR.	1	Nos.	₹ 50,000.00	₹ 50,000.00
4	Establishment and submission of Light planes of approach light for both sides of the runway as per DGCA CAR for Jharsuguda Airport through OEM or Authorized person as per site requirement as per direction of Engineering in-charge. (06 & 24 side of runway)	1	Job	₹ 25,000.00	₹ 25,000.00
5	Supply of 15 watt round surface mounted panel light led fitting 160 mm inner dia & outer dia 190 mm. , min 100 Lumens/watt with driver minimum CCT of 5000 to 6500K suitable for single phase 230V AC, 50 Hz, power supply. (as per technical specifications) (5 year warrantee shall be provided for complete fittings i/c driver by manufacturer/dealer in favour of AAI) Complete as required as per site condition as per tender specification as directed by Engineering In-Charge.	80	Nos.	₹ 800.00	₹ 64,000.00
6	Supply of 36 watt recess mounted square type led fitting , min 100 Lumens/watt with driver minimum CCT of 5000 to 6500K suitable for single phase 230V AC, 50 Hz, size-2x2 ft. power supply. (as per technical specifications) (5 year warrantee shall be provided for complete fittings i/c driver by manufacturer/dealer in favour of AAI) Complete as required as per site condition as per tender specification as directed by Engineering In-Charge.	100	Nos.	₹ 1,900.00	₹ 1,90,000.00
7	Supply of minimum 90 watt LED street light/ Highbay light of innovative die-cast Aluminium/Magnesium Alloy IP66 light fixture having minimum 9000 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). Complete as required as per site condition as per tender specification as directed by Engineering In-Charge.	70	Each	₹ 6,000.00	₹ 4,20,000.00
8	Supply of minimum 45 watt LED street light of innovative die-cast Aluminium/Magnesium Alloy IP66 light fixture having minimum 4500 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).	100	Each	₹ 2,000.00	₹ 2,00,000.00

सह. महाप्रबंधक (अपि-वि) IAGM (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Near Surendra Sai Airport, Jharsuguda

9	Supply of minimum 40 watt LED flood light of innovative die-cast Al IP65 light fixture having minimum 4000 lumen output & CCT of 6000± 300K 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. (5 year warrantee shall be provided for complete fittings i/c driver by manufacturer/dealer in favour of AAI)	10	Each	₹ 3,000.00	₹ 30,000.00
10	Supply and Installation of Vertical air terminal 1 Mtrs.long made with solid 16 mm. dia. Copper rod tapered to 10mm dia complete as per site requirement & as per direction of Engineer Incharge.	2	Job	₹ 10,000.00	₹ 20,000.00
11	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 Including charcoal/ coke and salt etc. as required.	12	Job	₹ 4,000.00	₹ 48,000.00
12	Supplying and laying 25 mm X 5 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)	120	Mtr.	₹ 150.00	₹ 18,000.00
13	Earthing with Copper earth plate 600 mm X 600mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long Including charcoal/ coke and salt etc. as required.	2	Job	₹ 15,000.00	₹ 30,000.00
14	Providing and fixing 25mm X 5mm copper strip in 40mm dia G.I. Pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc as required.	60	Mtr.	₹ 500.00	₹ 30,000.00
15	Supply of minimum 1.00 W Power LED modules/strip consisting of length 1ft.(consisting of 20 LED modules, each modules consist 3 LED) suitable as per preferred makes to operate with 12V DC Input and CCT of 6000 ± 300K including connecting wire as per OEM for existing signage board complete as required as per site condition of engineering in charge with five years warranty from OEM and as per technical specification as per direction of Engineer Incharge.	150	Each	₹ 500.00	₹ 75,000.00
16	Supply of electronic driver of minimum 30W suitable to operate with 230V, 50Hz for LED module for existing signage board complete as required as per site condition of engineering in charge with three years warranty from OEM.	50	Each	₹ 1,500.00	₹ 75,000.00
17	Dismantling, shifting & re-installation of existing fire alarm panel (make:-EST-3x), MCP, Hooters, Smoke detector, Cable (associated area) & Programming the same in new fire control panel room including necessary connection and interconnection with 1.5 Sq.mm copper cable as required as per site condition and direction of EIC.	1	Job	₹ 25,000.00	₹ 25,000.00
18	Entry/ Exist Announcer - type B with portal Drawing No. refer design drawing 1.6b Providing and fixing Non-illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. All exterior signs should be manufactured considering harsh outdoor conditions, weatherproofing techniques and materials shall be used. Sign Portal : Type B Type B: In case of no portal, 50mm deep porta has to be fabricated from 3 mm thick aluminium composite panel with 0.25 mm PVDF, exterior grade with manufactures warranty and test certificate from principle OEM from ALUDECOR/ ALUCOBOND /EUROBOND or equivalent make, with yellow pantone 116c Vinyl stuck over it/as per AAI instructed. The internal structural frame to be made from 50x50x2 mm aluminium box section. Sign Letters: Providing and fixing Primary channel letters 50mm thk and Secondary profile cut letters 10mm thk, 3D cut letters in black glossy acrylic.All the letters would be made in profile to achieve true right angle. All mounting would be done in true plumb and using templet, keeping the alignment of the letters in one level Complete as required, as per site condition, as per tender specification, as per drawing attached, as directed by Engineering In-Charge.	3	Job	₹ 15,000.00	₹ 45,000.00


JAGM (Engg-C)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
वीर सुरेन्द्र साई हवाई अड्डा
Veer Surendra Sai Airport, Jharsuguda

19	Floor mounted directional sign - Single Refer design drawing 2.1b-3: Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. Sign face: Sign face shall be made in 8mm thick 040 white acrylic (as specified) having graphics pasted in Plotter cut Blockout vinyl. Entire panel covered with a protective overlamine. The films to wrap around the edge of the acrylic to a distance of 25mm on the back side. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone yellow C or Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Sign Frame: Providing and fixing sign frame 50mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintainance Complete as required, as per site condition, as per tender specification, as per drawing attached, as directed by Engineering In-Charge.	2	Job	₹ 40,000.00	₹ 80,000.00
19.1	Sign Structure: All structural members in SS square post 100 x 100 x 3 mm, brush finished. base plate embedded below the floor finish and provided with a floor trim ring. All hardware used for fixing of sign shall be Stainless steel. Post including SS base Plate and Gussets in 6mm thick SS Plate as per drawing with holes to fix it on holding down bolts anchored in concrete slab. The post shall closed with a 3 mm thick SS plate as specified and approved by the Engineer-In-charge. The Post shall be always be a single continuous element without any joints. Cost to include all activities and temporary props used for a perfect vertical in plumb installation, etc required for fixing the sign in an internal location. The actual structural design of the sign for its stability shall be responsibility of the EPC contractor. Secret fixing methods should be used to fix parts together. Tension Rod: Providing and fixing tension rod in brush finished S.S. with the turn buckle system. Tension rod shall be fixed to the sign structure and the sign frame with S.S. gusset plates.				
19.2	Lighting: All internal illumination shall be using Power LED Lights from Osram or equivalent (Edge lighting - 6500K, 24 v, with optimal homogenous backlighting & light Throw of minimum 4 ft) with electronic controllers, having even spread and overlaps to avoid banding and dark spots and adhering to the LUX levels mentioned in the performance. specification. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site. The actual structural design of the sign for its stability shall be responsibility of the EPC contractor. Secret fixing methods should be used to fix parts together. Foundation: Providing and laying foundation for the sign including its compaction and all activities like Excavation, PCC base layer, providing and fixing in position electrical connection wherever applicable and finished as per drawing. The item cost includes cutting and opening the floor finish at location, and making good the location to the match the original finish after fixing and installation of sign . Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws , rivets, bolts, washers, nuts, etc. complete as per drawing etc. as required as per site condition.				

20	Washroom / Drinking Water / Baby care Refer design drawing 2.4a Providing and fixing illuminated signs including all operations from fabrication to installation all complete as per drawings, technical specifications, signage schedule and to the satisfaction of the Engineer-in-Charge. Sign face: Sign face shall be made in 8mm thick 040 white acrylic (as specified) having graphics pasted in Plotter cut Blockout vinyl. Entire panel covered with a protective overlamine. The films to wrap around the edge of the acrylic to a distance of 25mm on the back side. The Plotter cut blockout vinyl shall match the specified colour (colour Pantone Black 6C) and vinyl for text Pantone Cyan 311C as per graphics and of specified make duly approved by the Engineer-in-Charge. Complete as required, as per site condition, as per tender specification, as per drawing attached, as directed by Engineering In-Charge.	6	Job	₹ 14,000.00	₹ 84,000.00
20.1	Sign Frame: Providing and fixing sign frame 50mm wide powder coated, colour RAL 9006 special aluminium extrusion with inbuilt frame to receive the sign face. The sign face shall be fixed to sign frame with the 3M brand dual lock system in one side and 3M bothway tape from the other side. The panel should be made easily openable for maintenance. Lighting: All internal illumination shall be using Power LED Lights from Osram or equivalent (Edge lighting - 6500K, 24 v, with optimal homogenous backlighting & light Throw of minimum 4 ft) with electronic controllers, having even spread and overlaps to avoid banding and dark spots and adhering to the LUX levels mentioned in the performance specification. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Airport contractor at the site. The actual structural design of the sign for its stability shall be responsibility of the EPC contractor. Secret fixing methods should be used to fix parts together. Accessories: Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, screws, rivets, bolts, washers, nuts, etc. complete as per drawing etc. as required as per site condition.				
21	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.				
21.1	Group C	35	Point	₹ 500.00	₹ 17,500.00
22	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.				


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

(3-05/2024) मंडा (वी-वी) अधिसूचना 1/24
 भारतीय विमानपत्तन प्राधिकरण
 धर्मपुरी, दिल्ली-110062
 प्रमुख कार्यालय, दिल्ली-110062
 जहसगुडा, जहसगुडा, जहसगुडा

22.1	Group C	35	Point	₹ 500.00	₹ 17,500.00
23	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.				
23	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	80	Mtr.	₹ 100.00	₹ 8,000.00
24	Supply, installation, testing & commissioning of following sizes access outlet box, suitable for 25mm depth tripple compartment metal ducting, made out of high pressure die-cast zinc alloy complete with all accessories such as top cover, bare support frame, bare support studs etc. complete as required. Size: 150mm x 150mm x 60 mm-75mm.	7	Each	₹ 2,000.00	₹ 14,000.00
25	Supply and fixing of following sizes single compartment metal ducting made out of 1.5mm thick pregalvanised sheet steel complete with all accessories such as pregalvanised sheet steel fixing clip of 1.2mm thick, support bracket of 2.3mm thick etc. complete as required. Size: 150mm x 30mm x 1.5mm.	50	Mtr.	₹ 500.00	₹ 25,000.00
26	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 including necessary foundation work as per site condition as per direction of Engineering In-Charge.	2	Sq. Mtr	₹ 50,000.00	₹ 1,00,000.00
27	Checking of runway edge light intensity of each runway edge light for both runway circuit and submit a report with proper tools as per CAR compliance check from OEM or authorized persons.	1	Job	₹ 1,00,000.00	₹ 1,00,000.00
28	Supply and laying of following size HDPE pipe at a depth of 80 mm along with 3 core 2.5 sqmm cable all accessories like socket, bend, couplers etc. ,complete with fitting and cutting, jointing etc. direct in ground and PCC Surface including excavation and making good surface by suitable compound etc. as required complete as required as per site condition & direction of Engineering In-Charge. Size :25 mm (OD), PN-10, PE 100	500	Mtr.	₹ 500.00	₹ 2,50,000.00
29	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.	50	Job	₹ 500.00	₹ 25,000.00
30	SITC of air quality index display board and air quality sensor box with IR remote for viewing of air quality parameter of local area of minimum Size of 72 x 40 inch with all required sensors for its automatic operation including supply and fixing of stainless steel pole 2 Nos. of minimum height 3Mtr. and along with suitable holding arrangement and base plate of 320x320x10mm thick, & providing R.C.C. foundation Bolt-M24X750X4mm. for wind speed 180KM/HR with R.C.C. Concrete work minimum 1:2:4 ratio as per site condition as per direction of Engineering In-Charge.	1	Job	₹ 29,455.00	₹ 29,455.00

Total (Excl. GST) ₹ 59,45,455.00

Rupees Fifty Nine Lakhs Fourty Five Thousand Four Hundred Fifty Five Only


 AGM (EE) VSS Airport, Jharsuguda
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