



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

संदर्भ संख्या : भाविप्रा/इंदौर/अभि.-वि/कार्य आदेश-20/2022-23 68-81
Ref. No.: AAI/ID/ENGG(E)/WO-20/2022-23

दिनांक : 20/01/2023
Date: 20/01/2023

प्रति,

मेसर्स वर्धमान एयरपोर्ट सोल्यूशन्स प्रा.लि.,
1st & 2nd फ्लोर प्लॉट नं.13/C&13/3,
रामा रोड साईड, इन्डस्ट्रीयल एरिया,
नजफगढ़ रोड़, न्यु दिल्ली - 110015

M/s Vardhman Airport Solutions Pvt .Ltd.,
1st & 2nd floor, Plot.No.13/C & 13/3,
Rama Rd.side, Industrial Area , Najafgarh Road ,
New Delhi-110015.

कार्य का नाम :- रिप्लेसमेंट ऑफ इनसेट टाईप जीएलएफ फिटिंग्स एण्ड मोडिफिकेशन ऑफ जीएलएफ सिस्टम
एट डी.ए.बी.एच. एयरपोर्ट, इन्दौर।

NAME OF WORK :- Replacement of Inset type GLF Fittings and Modification of GLF System at
D.A.B.H. Airport, Indore.

संदर्भ : 1) आपकी दिनांक 19.01.2023 को खोली गई ई-निविदा 2022_AAI_139295_1
Your E-Tender No. 2022_AAI__139295_1 opened on dated 19.01.2023.

प्रिय महोदय / Dear Sir,

1. उपरोक्त कार्य हेतु आपका टेन्डर, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा बताये गये मद मुल्यों पर आपकी टेन्डर राशि कुल लागत ₹ 84,65,650/- (रुपये चौरासी लाख पैंसठ हजार छः सौ पचास मात्र जी.एस.टी. रहित) है, जो कि टेन्डर की अनुमानित लागत राशि ₹ 1,00,31,000/- जी.एस.टी. रहित से 15.61% कम है, पर स्वीकृत किया जाता है।

Your Tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to ₹ 84,65,650/- (Rupees Eighty Four Lakh Sixty Five Thousand Six Hundred Fifty Only Excluding GST) which is 15.61% below the Estimated cost ₹ 1,00,31,000/- Excluding GST put to tender.

2. सहायक महाप्रबंधक (अभि.विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो कि करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 02.02.2023 तक सहायक महाप्रबंधक (अभि.विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु 100/- के नॉन ज्युडिशियल स्टेम्प पेपर पर निष्पादित किया जाएगा, तथा स्टेम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

The Asstt. General Manager (Engg.-Elect.), AAI, DABH Airport, Indore shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract Agreement on your behalf to attend the office of the The Asstt. General Manager (Engg.-Elect.), AAI, DABH Airport, Indore by 02-02-2023 to sign and complete the agreement. The contract agreement shall be executed on a non judicial stamp paper of Rs. 100/- and the cost shall be born by you.

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3. कृपया ₹ 8,46,565.00 (रुपये आठ लाख छियालिस हजार पांच सौ पैंसठ मात्र) प्रतिभूति जमा के रूप में यह पत्र के जारी करने की तारीख से 10 दिन के अंदर जमा कीजिए। जमा करने की असफलता के फलस्वरूप यह राशि ठेका दस्तावेज के जीसीसी के पृष्ठ क्र.16 के Clause '1A' की शर्त के अनुसार काट दी जाएगी।

Please deposit ₹ 8,46,565.00 (Rupees Eight Lakh Forty Six Thousand Five Hundred Sixty 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 '1A' on page no. 16 of GCC of the contract document.

4. आपसे निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केन्द्रीय नियम अनुबंध श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्तीय सरकार के न्यूनतम वेतन अधिनियम और नियमों का अनुपालन करें।

You are requested to comply with the provisions of contract labour (Regulation & Abolition) Act of 1970 and contract labour (Regulation & Abolition) Central rules 1971 and Minimum Wages Act & Rules thereof Central and State Government.

5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि.-विद्युत), भाविप्रा, दे.अ.बा.हो. विमानतल, इन्दौर से मिलें वह आपको साईट सौपने की व्यवस्था करेंगे। कृपया नोट कर लें कि काम करने का अनुमानित समय 05 (पांच) महीने है जो कि दिनांक 23.01.2023 से गिना जाएगा।

You are also directed to contact Manager (Engg.-Elect.), AAI, DABH Airport, Indore immediately who will arrange to hand over the site to you. Please note that the time allowed for carrying out the work is 05 (Five) months as entered in the tender and shall be reckoned from 23.01.2023.

6. ठेके दस्तावेज की शर्त के अनुसार त्रुटि दायित्व अवधि 12 माह हैं।

The defects Liability Period shall be 12 Months as per conditions of the tender document.

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

All letters referred above shall form part of contract.

8. इस ठेके के संबंध में आगे कोई भी पत्राचार सहायक महाप्रबंधक (अभि.विद्युत), भा.वि.प्रा., इन्दौर विमानतल, इन्दौर के पते पर किया जाएगा।

Any further correspondence in connection with this contract should normally be addressed to The Asstt. General Manager (E-E), AAI, DABH Airport Indore.

9. कृपया पावती भेजें एवं आपकी स्वीकृति के प्रतीक के रूप में इस कार्य आदेश की डुप्लीकेट प्रति पर हस्ताक्षर कर अधोहस्ताक्षरी को पुनः भेजने का कष्ट करें।

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

Continued on page No. ...03



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

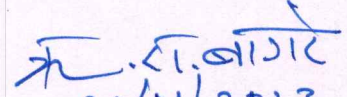
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10. यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा ।
If there is any discrepancy between English and Hindi, then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

संलग्न / Enclosure : Schedule 'A' (Total 06 page)

भवदीय / Your's Faithfully,


20/01/2023

सहायक महाप्रबंधक (अभि.विद्युत),
Asst. General Manager (Engg-Elect)
भा.वि.प्रा. इन्दौर विमानतल, इन्दौर
AAI, DABH AIRPORT, INDORE
कृते तथा ओर से, अध्यक्ष

For and on behalf of Chairman
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India

SCHEDULE OF QUANTITIES

Name of Work:- Replacement of Inset Type GLF Fittings and Modification of GLF System at D.A.B.H. Airport, Indore

Item No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
1	Supply of 2 x 105 W Inset type Bi-directional High Intensity Runway Edge Light fittings, complete with prism assembly, optical assembly, 'O' ring seal, pressure relief test plug, 6.6 A halogen lamps, filters (White/ Yellow OR White/ White) , shallow base, die cast aluminium inner body & outer cover and other accessories etc. meeting ICAO standards complete as required.	23	Nos.	52000.00	1196000.00
2	Supply of 3 x 105 W Inset type Bi-directional High Intensity Runway End/ Threshold Light fittings, complete with prism assembly, optical assembly, 'O' ring seal, pressure relief test plug, 6.6 A halogen lamps, filters (Green/ Red) , shallow base, die cast aluminium inner body & outer cover and other accessories etc. meeting ICAO standards complete as required.	15	Nos.	60000.00	900000.00
3	Supply of 2 x 105 W Inset type Uni-directional High Intensity Runway Threshold Light fittings, complete with prism assembly, optical assembly, 'O' ring seal, pressure relief test plug, 6.6 A halogen lamps, filters (Green) , shallow base, die cast aluminium inner body & outer cover and other accessories etc. meeting ICAO standards complete as required.	27	Nos.	52000.00	1404000.00
4	Supply of Omni-directional inset type medium intensity LED Taxiway edge light fitting with blue LED meeting ICAO standards complete with lens, filters, shallow base etc. complete as required.	35	Nos.	35000.00	1225000.00
5	Supply of following size 5KV grade PVC/XLPE insulated & PVC sheathed stranded copper conductor Airport lighting cable confirming IS 1554 (Part-II)/IS 7098 (Part-II) with upto date amendent and confirming to particular specification etc. as required.				
a)	1X6 sqmm	2000	Mtr.	100.00	200000.00
b)	1x16 sq.mm.	2000	Mtr.	220.00	440000.00
6	Supply of 61 core x 1.50 sq.mm., 1.1 KV grade PVC sheathed, XLPE insulated, armoured, copper conductor control cable conforming to IS 7098 (Part-I) with upto date amendents etc. as required.	1250	Mtr.	1200.00	1500000.00



Item .No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
7	Supply of 6 core x 1.50 sq.mm. copper conductor XPLE insulated, PVC sheathed industrial grade unarmoured cable conforming to IS 7098 (Part-I) with upto date amendments etc. as required.	100	Mtr.	150.00	15000.00
8	Supply, installation, testing, commissioning of Guidance signage board (IP 65 protection) complying ICAO standard of various sizes fabricated from anodized aluminium profile structure & 2 mm thick aluminium sheet, 4mm thick non-specular surface polycarbonate signage sheet, symbols of sign shall be made of self-adhesive 3M film applied on face of polycarbonate sheet and All reflector sheet for light reflection if required. Board shall be illuminated with linear LED's & driver(s) i/c all other accessories, suitable to operate on 2.8 Amp to 6.6 Amp AC constant current as incoming supply, mounting legs with breakable coupling & base frame, crimping & molding secondary leads with connector kit of OEM approved, etc. with all accessories, providing cement concrete foundation of suitable size & depth for each unit, providing pedestal up to 1.5mtr all around the signage with 1:2:4 CC of 150mm thick & finish with neat cement plaster, connections / interconnections with isolating transformers complete as required and conforming to tenders technical specifications etc. complete as required.	7.00	Sq. Mtr.	40000.00	280000.00
9	Supply of 15 Watt, 6.6A/ 6.6 A, 5 KV Grade 50 Hz. Isolating transformer suitable to operate upto 7.5 Watt, LED light of medium intensity light fitting encapsulated in polyester resin finally moulded in neoprene rubber with primary and secondary connection as specified in particular specifications.	50	Nos.	2750.00	137500.00
10	Supply of 150 Watt, 6.6A/ 6.6 A, 5 KV Grade 50 Hz. Isolating transformer suitable to operate upto 80 Watt, LED Signage Board encapsulated in polyester resin finally moulded in neoprene rubber with primary and secondary connection as specified in particular specifications.	6	Nos.	4750.00	28500.00
11	Supply of 300 Watt 20/6.6 A Amps 5 KV grade 50 Hz isolating transformers, series type encapsulated in neoprene rubber with primary and secondary leads as specified in particular specifications suitable for 300 Watt Threshold & End light fittings.	15	Nos.	6500.00	97500.00



Item .No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
12	Supply of C.I. Isolating Transformer housing box, water tight round type,metal container of outside size 330 mm, height 300 mm made of 10mm thick cast iron moulding suitable to receive a light fitting/ CI base plate on the top and underground housing associated with transformer power cable and having clear hole centre at one/ two side surface, 170 mm above bottom surface suitable to receive one /two nos. of 50mm dia "B" class GI pipe and one no. hole at suitable height for 25 mm dia GI pipe for laying secondary lead and including check nuts as required. The box should have two SS earth bolts of M10 x 30mm tapped inside near the hole (4" away from the hole centre) and having a drain hole at the bottom suitably tapped to receive 15mm 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 complete as required.				
a)	Single Hole Type	4	Nos.	4500.00	18000.00
b)	Double Hole Type	25	Nos.	4500.00	112500.00
13	Supply of 10 mm. thick round MS dummy plate of dia 330 mm. and having 6 nos. M10 tapped hole at the hole centre 260 mm. suitable for fixing over above CI Housing Boxes, alongwith supply of 6 Nos. Stainless Steel M10x40 bolts and suitable neoprene gasket etc. complete as required.	42	Set	700.00	29400.00
14	Supply of 5KV grade plug & suitable receptacle (essna connector) of type-1 class B connector & suitable field attachment suitable for 6 sq. mm. 5KV grade PVC/ XLPE insulated PVC sheathed single core stranded copper conductor cable as required.	30	Set	350.00	10500.00
15	Supply of 63 mm. dia. (OD-63 mm. & ID- 51 mm. nominal) DWC HDPE pipe ISI marked alongwith all accessories like socket, bend, couplers etc.conforming to relevant IS as required.	1000	Mtr.	60.00	60000.00



Item No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
16	SITC of 500 mm. x 500 mm. x 350 mm. (depth) cable termination box for 61 core x 1.50 sq.mm. copper conductor control cable, made up of 16 SWG MS sheet steel duly powder coated painted in approved shade, with suitable asbestos connectors for making connection of control wires of incoming and outgoing control cables, 2 mm. thick gland plate, with hinged door and locking arrangement, suitable fixing arrangement etc. as required. The termination box to be installed on wall with suitable arrangement/ anchor fastener etc. in approved manner complete as required.	2	Job	5500.00	11000.00
17	Installation of Transformer housing boxes in finished shoulder area of taxi/apron having size of 330mmX300mm by core cutting in concrete/asphalt area of size 340mm dia., up to 375mm deep, grouting the box by Dobefill 50mm thick and top to be sloped with 1:2:4 cement concrete, disposal of excavated material within 50 mtrs lead, providing and fixing 150mm long 15mm dia "B" class GI pipe at base with check nut for drainage of water. The boxes to be aligned in such way that the hole centers fall in straight line etc. complete as required	25	Job	1500.00	37500.00
18	Installation of Transformer housing boxes with a base concrete of 1:3:6 of size 630x630x100 mm thick all round concrete of 1:2:4, 150mm thick, the top sloped with 1:2:4 cement concrete including providing and fixing 250 mm long 15mm dia "B" class GI pipe with check nut for drainage of water including excavation of side shoulder and refilling (wherever the transformers boxes are to be installed in a line the same has to be aligned in such a way that the centre fall in a straight line) etc. complete as required.	4	Job	1500.00	6000.00
19	Installation, Testing and Commissioning of inset type runway edge/ end/ threshold light fittings in existing void/ core, created after removing existing fitting, including installation of Shallow base precisely matching holes of secondary lead pipes, filling dobefil and hardener all around the shallow base for suitable mounting of the inset fitting, levelling, making connections, fixing inset light fitting over the shallow base alongwith all accessories, alignment, testing, commissioning etc. complete as required.	55	Job	5500.00	302500.00

Item No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
20	Installation, Testing and Commissioning of Omni-directional Inset type LED Taxiway/ Apron edge light beside existing CI transformer housing box located on apron/ taxiway edge, after making suitable size void by core cutting in bitumin/ PQC pavement area of apron/ taxiway edge for installation and fixing the shallow base with dobefil and hardener inclusive of connection with secondary cable, transformer etc., including making suitable size hole on the CI transformer housing box for entry/ exit of secondary lead, kerf cutting of suitable width and depth between inset type fitting and CI transformer housing box and providing & laying 2 core x 2.5 sq.mm. secondary lead of suitable length in 25 mm. dia medium class GI, in the kerf including refilling the same by suitable sealing material etc., levelling, making connections, fixing inset light fitting over the shallow base alongwith all accessories, testing, commissioning etc. complete as mentioned in the technical specifications and as per instructions of E-I-C.	17	Job	5250.00	89250.00
21	Installation, Testing and Commissioning of Omni-directional Inset type LED Taxiway/ Apron edge light beside existing CI transformer housing box located on apron/ taxiway edge, after making suitable size void by core cutting in bitumin/ PQC pavement area of apron/ taxiway edge for installation and fixing the shallow base with dobefil and hardener inclusive of connection with secondary cable, transformer etc., kerf cutting of suitable width and depth between inset type fitting and CI transformer housing box and providing & laying 2 core x 2.5 sq.mm. secondary lead of suitable length in 25 mm. dia medium class GI pipe, in the kerf including refilling the same by suitable sealing material etc., levelling, making connections, fixing inset light fitting over the shallow base alongwith all accessories, testing commissioning etc. complete as mentioned in the technical specifications and as per instructions of E-I-C.	25	Job	5250.00	131250.00
22	Cutting groove of size 120 mm. wide and 150 mm. deep (or as required) with saw cutting/ Bitumin/ Concrete cutting machine, laying of 63 mm. dia OD HDPE pipe, refilling and finishing the surface with 1:1:2 cement concrete and a layer of ready mix bitumin/ road bond for bituminous surface, etc. complete as required.	650	Mtr.	225.00	146250.00

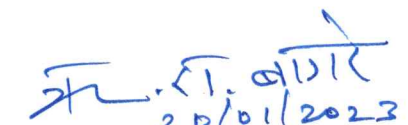
Item .No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
23	Laying of 1 no. 63 mm dia OD DWC Pipe along with all accessories like sockets, bends, couplers etc. complete with fitting, cutting and jointing etc. direct in ground including excavation, trenching (75 cm below ground level, for LT cable) and refilling the trench but excluding sand cushioning and protective covering etc. complete as required.	250	Mtr.	80.00	20000.00
24	Laying of 1 no. 63 mm dia OD DWC Pipe along with all accessories like sockets, bends, couplers etc. complete with fitting, cutting and jointing etc. direct in ground including excavation, trenching (80 cm below ground level, for AFL cable) and refilling the trench but excluding sand cushioning and protective covering etc. complete as required.	80	Mtr.	80.00	6400.00
25	Laying of one number PVC/ XLPE insulated and PVC sheathed / XLPE power cable of 5 KV grade single core of size 16 sq.mm./ 6 sq.mm. in the existing RCC/ HUME/ METAL pipe/ HDPE Pipe as required.	1280	Mtr.	15.00	19200.00
26	Laying of one number PVC/ XLPE insulated and PVC sheathed / XLPE power cable of 1.1 KV grade 61 core x 1.50 sq.mm. copper conductor cable in the existing RCC/ HUME/ METAL pipe/ HDPE Pipe as required.	250	Mtr.	15.00	3750.00
27	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on surface of wall/ culvert etc. as required.				
a)	61 core x 1.50 sq.mm. (clamped with 25x3mm MS flat clamp)	920	Mtr.	25.00	23000.00
28	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade 61 core x 1.50sq.mm. copper conductor cable in existing masonry open duct as required.	30	Mtr.	15.00	450.00
29	Making field connections by crimping of 6/16 sq.mm. plug & receptable with existing 6/16 sq.mm. single core PVC Cu. Conductor cable including filling the gap with water sealent material applying PVC insulation tape etc. complete as required.	29	Job	100.00	2900.00
30	Supplying and making end termination with brass compression gland and copper lugs for 61 core x 1.50 sq.mm. of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.	2	Job	1500.00	3000.00

Item .No.	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (Ex.GST)	AMOUNT
31	Making connection of 1 no. CCR (located at CCR Room) with remote control desk situated at ATC Tower, in order to control the CCR from ATC Tower. The item also include providing & fixing of copper lugs/ thimbles etc. as required for making connection.	4	Job	400.00	1600.00
32	Dismantling of existing inset type runway edge/ end/ threshold light fitting complete including removing shallow base neatly by suitable means, carefully removing connections with secondary lead etc. and safely shifting the removed fitting to AAI store etc. as required.	55	Job	140.00	7700.00
Total					8465650.00

(Rupees Eighty Four Lakh Sixty Five Thousand Six Hundred Fifty Only)

Note : GST Extra, as applicable




20/01/2023
Asstt. General Manager (E-E)
AAI, D.A.B.H. Airport, Indore

Signature Not Verified

Digitally signed by Rishi Raj Bagre
Date: 2023.05.11 11:00:41 IST
Location: eProcurement System for Central PSUs

