



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

सं सं :- भा.वि.प्रा/ए डी आर /विधुत/व .प्र.(अभि.-वि)/2020-21/डबल्यु-02/ 152
Ref. No. : - AAI/ADR/ELECT/SM(E-E)/2020-21/W-02/

दिनांक: 26/10/2020
Date:- 26/10/2020

रजिस्टर्ड ए. डी. द्वारा / By Regd. A. D.

सेवा में,

मैसर्स एम जे इलेक्ट्रिकल्स एंड इलेक्ट्रॉनिक्स,
सी 1 ए/15 सी, जनकपुरी
नई दिल्ली-110058

To,

M/s M.J Electricals and Electronics
C 1 A/15C, Janakpuri
New Delhi-110058

विषय: इस्टैब्लिशमेंट ऑफ सिविल एन्क्लेव एट आदमपुर एयरपोर्ट जालंधर । उप शीर्ष: - एस.आई.टी. सी ऑफ एप्रन हाई मास्ट एंड एसोसिएटेड इलेक्ट्रिकल वर्क्स एट सिविल एयरपोर्ट आदमपुर जालंधर ।

Subject: Establishment of Civil Enclave at Adampur Airport, Jalandhar. SH:- SITC of Apron High Mast and associated electrical works at Civil Airport Adampur, Jalandhar.

सन्दर्भ/Reference : आपकी बिड/Your Bid for Tender ID :- 2020_AAI_54535_1
(Financial bid opening Dtd: 10.09.2020)

महोदय/Sir,

1. उल्लिखित कार्य हेतु आपकी ई निविदा के सम्बन्ध में, आपके द्वारा उद्धरित राशि कुल Rs. 18,49,900/- (रुपए अठारह लाख उनन्चास हजार नौ सौ मात्र) (जी.एस.टी. के बिना), जो कि निविदा की उचित लागत राशि Rs. 26,55,997 /- (जी.एस.टी. के बिना) मात्र से 30.35% कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है ।

Your e-tender for the above mentioned work is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totalling to Rs. 18,49,900 /- (Rupees Eighteen Lakhs Forty Nine Thousand Nine Hundred Only) (Excluding GST), which is 30.35% below the Justified cost put to the tender Rs. 26.56 Lakhs (Excluding GST) only.

2. वरिष्ठ प्रबंधक (अभि.-विधुत), आदमपुर विमानपत्तन उपरोक्त कार्य के प्रभारी होंगे । आपसे निवेदन है कि आप के अधिकृत प्रतिनिधि, जिन्हें आपकी ओर से ठेका करार पर हस्ताक्षर करने का अधिकार हो, को दिनांक: 05/11/2020 तक वरिष्ठ प्रबंधक (अभि.-विधुत), भा.वि.प्रा., आदमपुर के कार्यालय में भेजकर करार पर हस्ताक्षर करने तथा करार की कार्यवाही पूर्ण करने का कष्ट करें । ठेका करार का निष्पादन एक सौ रूपए मूल्य के गैर अदालती स्टैम्प पेपर पर किया जाएगा तथा स्टैम्प पेपर का खर्च आपके द्वारा वहन किया जाएगा ।

Sr. Manager (Engg.-Elect), Adampur Airport 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 **Sr. Manager (Engg.-Elect), AAI, Adampur**, by 05/11/2020 to sign and complete the agreement. The contract agreement shall be executed on a **Non-Judicial Stamp Paper** of value Rs. 100/- and the cost of the same shall be borne by you.

3. कृपया इस पत्र के जारी होने के 10 दिनों के अन्दर प्रतिभूति जमा के रूप में रुपये 1,31,870 /- (एक लाख इकत्तीस हजार आठ सौ सत्तर मात्र) की राशि इस कार्यालय में जमा करा दें अन्यथा संविदा की सामान्य शर्तों के पृष्ठ संख्या 27 पर दी गई शर्त 1'अ' के अनुसार उक्त राशि आपके चालू बिल से काट ली जाएगी ।

Please deposit Rs. 1,31,870 /- (Rupees: One Lakh Thirty One Thousand Eight Hundred Seventy Only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills as per GCC Clause 1 A on page 27 of the contract document.

Handwritten signature and date: 26/10/2020

Page 1 of 2

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण कार्यकर्ताओं (रोजगार और सेवा की शर्त का विनियमन) अधिनियम 1996, बिल्डिंग और अन्य निर्माण श्रमिक कल्याण सेस अधिनियम 1996, जैसा कि जीसीसी शर्त 19 पृष्ठ संख्या 60 में और केंद्रीय और राज्य सरकार के नियमों पर निर्दिष्ट है।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page no 60 of GCC of tender and rules of Central and State Government.

5. आपको यह भी निर्देश दिया जाता है कि आप कनिष्ठ कार्यपालक (अभि.-विद्युत), भा.वि.प्रा., आदमपुर से अविलम्ब संपर्क करें जो आपको कार्यस्थल सौंपने की व्यवस्था करेंगे।

You are also directed to contact **Jr. Executive (Engg.-Elect)**, AAI, Adampur immediately who will arrange to hand over the site to you.

6. कृपया यह भी भली भांति नोट कर लें कि निविदा के अनुसार कार्य निष्पादन हेतु अनुमत समय 06 (छह) माह है जो कि इस पत्र के जारी होने के 10 वें दिन से गिना जाएगा।

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

7. इस ठेके से सम्बंधित किसी भी प्रकार के पत्र व्यवहार के लिए वरिष्ठ प्रबंधक (अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, सिविल एन्क्लेव, आदमपुर - 144103 को संबोधित करेंगे।

Any further correspondence in connection with the contract should normally be addressed to the **Sr. Manager (Engg.-Elect)**, Airports Authority of India, Civil Enclave, Adampur - 144103.

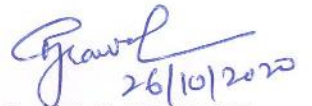
8. कृपया इस पत्र के प्राप्ति की सूचना दें तथा इसके साथ अनुलग्न अनुप्रति पर हस्ताक्षर करके टोकन के प्रतिग्रहण के रूप में अधोहस्ताक्षरी को वापस भेज दें।

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.

धन्यवाद / Thanking you,

संलग्न: **Item Rate BOQ.** (Page-1 to 4)

भवदीय / Yours faithfully,



(एम एम अग्रवाल) / (M M AGRAWAL)

वरिष्ठ प्रबंधक (अभि.-विद्युत) / Sr. Manager (Engg.-Elect)
कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा. / For and on behalf of Chairman, AAI
भा.वि.प्रा. आदमपुर / AAI, Adampur Airport

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Sr. Manager (Engg.-Elect)

Name of Work: " Establishment of Civil Enclave at Adampur Airport, Jalandhar. SH:- SITC of Apron High Mast and Associated Electrical Works at Civil Airport, Adampur, Jalandhar."

Contract No: Tender ID 2020_AA1_54535_1

Name of the Bidder/
Bidding Firm /
Company

M J ELECTRICALS & ELECTRONICS

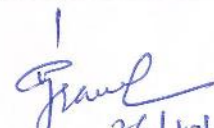
PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

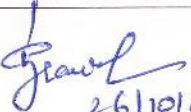
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Design, Supply, Installation, Testing & Commissioning of 20 Mtr High Mast system with its accessories. Mast shaft shall be in Two sections, hot dip galvanised and suitable for wind velocity as per IS:875. It shall also include accessories for high mast including head frame, steel wire rope 6 mm dia (SS) with raising lowering system comprising, luminaries carriage suitable to install required nos of LED Light fixtures with its accessories in Asymmetrical arrangement, double drum winch, trailing cable, connector, junction box, lightening finial etc. The mast shall have an integral power tool motor, manual handle installed inside the base compartment for its operation. Work includes the supply and fixing of required MCB in base compartment and following accessories etc. as required as per the enclosed specifications complete as required; a) Providing & fixing of Counter weight for LED light fixtures (as per requirement) b) Providing & fixing of foundation bolts manufactured from special steel along with nuts, washers, anchor plate and common template (as per OEM standard). c) Construction of shallow foundation with M25 grade concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2.0 metre depth with all materials and labour as per approved design etc complete as per Technical specification of Tender Document. This item also covers the charges towards vetting of the foundation design (as submitted by OEM) from any Govt.Engg.Institute/lab.. d) Providing and fixing of LED type aviation obstruction light-02 nos	2.00	Job	210000.00	420000.00	INR Four Lakh Twenty Thousand Only
2	Supply of Flood light LED fitting with minimum output of 38500 lumens and wattage not more than 350 W, for 230V Single Phase AC supply, 50Hz, PF>0.95, CRI>70, CCT - 5700K, Life of fitting not less than 50000 hrs complete as required. Luminaire should have high pressure die cast Aluminium/standard alloy housing with surge protection system > 4KV. Luminaire should have proper thermal management. Min IP protection should be IP65. The fixtures shall be suitable for lantern carrier of high mast vetted by OEM of Hi Masts and as per specifications etc. as required. It shall meet as per technical specifications enclosed with tender complete in all respect as required as per direction and satisfaction of Engineer-Incharge.	24.00	Each	20000.00	480000.00	INR Four Lakh Eighty Thousand Only
3	Installation, Testing & Commissioning of flood light fixtures (as per Item No.2 above) on the lantern carrier of high mast including connection, testing, commissioning etc. as required.	20.00	Each	100.00	2000.00	INR Two Thousand Only

Grand
26/10/2020
SM (EG)

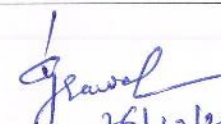
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
4	Design, manufacture, supply, installation, testing and commissioning of outdoor totally enclosed double door feeder pillar panel conforming to IP 65, made of 14 SWG CRCA sheet steel, totally enclosed, standing on a MS Angle frame suitably fixed on floor foundation, dust and vermin proof, powder coated painting, suitable for operation on 3 phase and neutral, 415 V, 50 Hz AC system with busbars, connection and interconnections including supply & installation of following items and as per specifications : (Control panel suitable for Item no 1 Poles for apron High mast) Incomers : 02 Nos. 63 Amp., 4 Pole, MCCB (Ics=100%Icu, 25 KA), spreader links and extendable ON/OFF rotary handle. CT's of ratio 63/5 Amps.-2 Set (1 Set of 3 Nos.) (0-63 A) Digital Ammeter with selector switch - 2 Set (0-500 V) Digital Voltmeter with selector switch - 2 Set Indication lamp R/Y/B with backup MCB - 2 Set of Three Terminal Block din rail mounted 10 A Almac suitable for 6 core 2.5 sqmm - 1 No. for remote control operation Bus-Bars : 4-Pole Aluminium Bus bar of 100 A rating of high conductivity with heat shrinkable, coloured sleeves, required intervals complete for cross section, size supports and their spacing etc as per specification. Outgoings : (1) 40 A, 4 Pole C curve MCB-04 Nos.(2) 6-32 A, DP C curve MCB-02 Nos. (3) Suitable Capacity DOL starter / Contactor with Push Button for operating raising -lowering circuit. (4) All day timer along with contactor for switching on and off to Aviation obstruction light during night time with one No. toggle switch as a option for by passing the timer. (5) Compartment to accomodate 1 KV UPS with batteries with control wiring for providing 2 nos. 350 W LED fixture on UPS power back up. Note : Suitable arrangement is to be made for auto changing over from one incomer. to another in case of failure of main incomer. (All required hard ware i.e. contactor, relays, control wiring etc are included in this item.)	2.00	Job	100000.00	200000.00	INR Two Lakh Only
5	Design, manufacture, supply, installation, testing and commissioning of outdoor totally enclosed double door feeder pillar panel conforming to IP 65, made of 14 SWG CRCA sheet steel, totally enclosed, standing on a MS Angle frame suitably fixed on floor foundation, dust and vermin proof, powder coated painting, suitable for operation on 3 phase and neutral, 415 V, 50 Hz AC system with busbars, connection and interconnections including supply & installation of following items and as per specifications : (Main feeder pillar) Incoming : 02 Nos. 125 Amp., 4 Pole, MCCB (Ics=100%Icu, 35 kA),with Thermal Magnetic release spreader links and extendable ON/OFF rotary handle. CT's of ratio 125/5 Amps.-2 Set (1 Set of 3 Nos.) Digital Ammeter with selector switch - 2 set Digital Voltmeter with selector switch- 2 set 6 Nos. Phase indication LED Lamps with 2 Amp. MCBs 2 Nos. red ON indication LED Lamps with 2 Amp. MCBs 2 Nos. green OFF indication LED Lamps with 2 Amp. MCBs Bus coupler : 01 No. 125 Amp., 4 Pole, MCCB having (Ics=100%Icu, 35 kA), spreader links and extendable ON/OFF rotary handle. 1 Nos. red ON indication LED Lamps with 2 Amp. MCBs 1 Nos. green OFF indication LED Lamps with 2 Amp. MCBs Bus-Bars : 4-Pole Aluminium bus bars of minimum of 250 Amps. Capacity with heat shrinkable coloured sleeves & i/c. DMC /SMC bus bars supports at required intervals complete for cross section, size supports and their spacing etc. Outgoings : 10 Nos. 63 Amp., 4 Pole, MCCB having (Ics=100%Icu, 25 kA), spreader links and extendable ON/OFF rotary handle. Note : 2 Incomers & bus couplers are to be interlocked electrically & mechanically in a way so that only 2 (out of 3) can be Switched ON at a time. (All required hard ware i.e. Relays, control wiring etc are included in this item.)	1.00	Job	250000.00	250000.00	INR Two Lakh Fifty Thousand Only

1

 26/11/2020
 SM (R/R)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
6	Supply of following size XLPE insulated PVC Sheathed, armoured <i>Aluminium conductor cable</i> of 1.1KV grade conforming to IS:7098 with up to date amendments etc. as required.					
6.1	4 X 10 sq.mm	200.00	Meter	120.00	24000.00	INR Twenty Four Thousand Only
6.2	3 1/2 X 95 sq.mm	500.00	Meter	340.00	170000.00	INR One Lakh Seventy Thousand Only
7	Laying and Fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required.					
7.1	Upto 35 sq. mm size (Clamped with 1mm thick saddle)	20.00	Meter	30.00	600.00	INR Six Hundred Only
7.2	Above 35 Sqmm and upto 95 sq. mm size (Clamped with 25x3 mm MS flat clamp)	250.00	Meter	70.00	17500.00	INR Seventeen Thousand Five Hundred Only
8	Laying of one number PVC insulated & PVC sheathed /XLPE power cable 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/HDPE pipe as required.					
8.1	Upto 35 sq. mm size	100.00	Meter	10.00	1000.00	INR One Thousand Only
8.2	Above 35 Sqmm and upto 95 sq. mm size	100.00	Meter	20.00	2000.00	INR Two Thousand Only
9	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall / surface as required.					
9.1	Upto 35 sq. mm size	30.00	Meter	40.00	1200.00	INR One Thousand Two Hundred Only
9.2	Above 35 Sqmm and upto 95 sq. mm size	20.00	Meter	70.00	1400.00	INR One Thousand Four Hundred Only
10	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.					
10.1	Upto 35 sq. mm size	30.00	Meter	10.00	300.00	INR Three Hundred Only
10.2	Above 35 Sqmm and upto 95 sq. mm size	30.00	Meter	10.00	300.00	INR Three Hundred Only
11	Supply and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 KV grade as required.					
11.1	4 x 16 sq mm size (28 mm)	12.00	Set	50.00	600.00	INR Six Hundred Only
11.2	3.5 x 95 sq mm size (45mm)	4.00	Set	90.00	360.00	INR Three Hundred & Sixty Only
12	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 meter long etc. with charcoal/ coke and salt as required.	4.00	Set	5000.00	20000.00	INR Twenty Thousand Only
13	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required	30.00	Meter	450.00	13500.00	INR Thirteen Thousand Five Hundred Only
14	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	30.00	Meter	200.00	6000.00	INR Six Thousand Only
15	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing suface/ recessed conduit/ submain wiring/ cable as required	30.00	Meter	18.00	540.00	INR Five Hundred & Forty Only


 26/10/2020
 SM(BB)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
16	Supplying and laying of 63 mm dia (OD-63 mm & ID-51 mm nominal) size DWVC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	70.00	Meter	160.00	11200.00	INR Eleven Thousand Two Hundred Only
17	Supplying and installing 300 mm width X 50 mm depth X 1.6 mm thickness size of perforated Hot Dipped Galvanised Iron cable tray (galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.	80.00	Meter	575.00	46000.00	INR Forty Six Thousand Only
18	Making brick wall (Minimum 10" width) Manhole for cable on a base of 4 inch of PCC of 1:2:4 (1 cement : 2 Sand: 4 aggregate stone of 20mm) including excavation of soil of all types with neat cement finish for base and plastering of inside wall and making necessary provision for entry of RCC/Metal/Plastic pipe etc. complete as required of following sizes (Inside Dimension) 900mm(length) x 900mm (Width) x 1200mm Depth	2	Job	9000.00	18000.00	INR Eighteen Thousand Only
19	Supply, Design and installation of iron cover with heavy duty hinges for outdoor application and suitable lifting collapsible handle at AAI site made of MS chequered Plate and frame made of angle/channel/flat of various sizes and shape and other accessories suitable for covering Manholes, cable duct with necessary iron anchoring and grouting on existing wall/concrete or welding with existing iron structure etc. complete as required as directed by Engineer incharge. The cover shall be openable upto 180 degree and all iron parts shall be painted with red oxide and final layer with two coats of synthetic enamelled paint of required colour as directed by Engineer incharge to give even and smooth finish.	100	Kg	90.00	9000.00	INR Nine Thousand Only
20	Supply, Design & fabrication of iron structure at AAI site consisting of MS C Channel/ I section/ angle & MS flat iron of various sizes suitable for fencing of Outdoor Electrical panel/ manhole with necessary anchoring for grouting etc complete as required as directed by Engineer incharge. All iron parts shall be painted with red oxide and final layer with two coats of synthetic enamelled paint of required colour as directed by Engineer incharge to give even and smooth finish.	300	Kg	120.00	36000.00	INR Thirty Six Thousand Only
21	Fixing of Iron structure made of various sizes and shape in the ground of hard pavement with 1:1.5:3 PCC (1 Cement: 1.5 Sand: 3 Aggregate stone 20mm) including excavation of hard pavement upto depth of 450mm etc complete as required.	12	Each Column	700.00	8400.00	INR Eight Thousand Four Hundred Only
22	Making good the damages of Paved/Bituminous surface with 1:4:8 (1 cement : 4 sand : 8 aggregate stone of 20mm) Concrete and Finishing the top surface with cement plaster etc. complete as required.	6	Cum	3000.00	18000.00	INR Eighteen Thousand Only
23	Making good the damages of Paved/Bituminous surface with 1:2:4 (1 cement : 2 sand : 4 aggregate stone of 20mm) Concrete and Finishing the top surface with cement plaster etc. complete as required.	2	Cum	4000.00	8000.00	INR Eight Thousand Only
24	Providing and laying of 150mm Dia NP-4 pipe including excavation of trench upto 1mtr for road/drain crossings with accessories etc. complete as required.	60	Mtr	800.00	48000.00	INR Forty Eight Thousand Only
25	Supply, installation, testing & commissioning of true online UPS of 1 KVA capacity, Input Voltage range 150-280 VAC, Output voltage range 220 VAC constant, High efficiency >90%, Short circuit over load, Over charge protection with internal batteries 9AH x 3 capable of min. 5 minute back up at nominal load 800 W as per relevant BIS specification with upto date amendments complete with all electrical parameters as required.	2	Job	18000.00	36000.00	INR Thirty Six Thousand Only
Total in Figures					1849900.00	INR Sixteen Lakh Sixty Eight Thousand Five Hundred Only
Quoted Rate in Words			INR Sixteen Lakh Sixty Eight Thousand Five Hundred Only			


 26/10/2020
 J. Prasad