



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Speed Post

संख्या: भा.वि.प्रा./एस.ए.पी./एजीएम(वि.-वि.)/एनडीएमसी/लोड/डेल्यू ओ-128/2021-22/ दिनांक: 13.04.2021
Ref. No. AAI/SAP/AGM(E-E)/NDMC/Load/W.O-128/2021-22/2481-88 Date 13/04/2021
सेवा में,

मै. अवस्थी इलेक्ट्रिक वर्क्स
109/58, नेहरु नगर,
कानपुर - 208012

M/s Awasthi Electric Works,,
109/58, Nehru Nagar,
Kanpur - 208012

विषय: आईएनए और एसएपी/ ओल्ड एरिया में विविध इलेक्ट्रिक वर्क्स।

उपशीर्षक: - सफदरजंग हवाई अड्डे, सीएडी एंव एयरपोर्ट लेन में एएआई आवासीय कॉलोनी के लिए मीटर पैनल बोर्ड का प्रावधान।

Subject: Misc. Electricals Works at INA & SAP / Old Area. SH: Provision of meter panel board for AAI Residential Colony at CAD & Airport Lane, Safdarjung Airport.

संदर्भ i) आपकी खोली गई ई-निविदा दिनांक 23.03.2021. (Bid Invitation No. 2021_AAI_71382).

Ref: Your e-bid opened on 23.03.2021.

महोदय,

1. उपरोक्त कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए आइटम मूल्यों पर आपका टेंडर कुल रु 10,94,595/- (मात्र दस लाख चौरानवे हजार पांच सौ पंचानवे रुपये) है जो कि अनुमानित लागत राशि रु 14,36,449/- से 23.80% कम है (जी.एस.टी. को छोड़कर)।

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. 10,94,595.00 (Rupees Ten Lakhs Ninety Four Thousand Five Hundred and Ninety Five Only) which is 23.80% below from the estimated cost put to tender of Rs. 14,36,449/- (excluding of GST).

2. सहायक महा प्रबंधक अभियांत्रिकी (विद्युत), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली 110003, इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 28.04.2021 तक सहायक महाप्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली-110003 के कार्यालय में उपस्थित हों। संविदा करार Rs. 100/- (मात्र सौ रुपये) के न्यायिकेतर (नॉन-जुडिशियल) स्टाम्प पेपर पर बनाया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

Asstt. Gen. Manager Engg (Electrical), Safdarjung Airport, New Delhi, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asstt. G.M. Engg (Elect), AAI, Safdarjung Airport, New Delhi by 28.04.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

13/4/21
AGM (E)

3. आपकी निविदा के साथ प्राप्त रु 28,729/- (मात्र अट्ठाईस हजार सात सौ उनतीस रुपये) की अग्रिम धन राशि को संविदा दस्तावेज के पृष्ठ एन आई टी-3 पर एन.आई.टी. के खण्ड-17 के अनुसार प्रतिभूति जमा के रूप में प्रयुक्त तथा संपरिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तिथि से 30 दिनों के भीतर शेष प्रतिभूति जमा के रूप में रु 80,731/- (मात्र अस्सी हजार सात सौ इकत्तीस रुपये) जमा करें अन्यथा इस राशि की कटौती संविदा कागजात के पृष्ठ जी सी सी- 16 पर जी सी सी के खण्ड- 1A के अनुसार आपके चालू बिलों से कर ली जाएगी।

The earnest money amount Rs. 28,729/- (Rupees Twenty Eight Thousand Seven Hundred and Twenty Nine Only) received along with your tender will be treated and converted as part of security deposit as per conditions at clause no. 17 on page no. NIT- 3 of contract document. Please deposit Rs. 80,731/- (Rupees Eighty Thousand Seven Hundred and Thirty One Only) towards security deposit within 30 days from the date of issue of this letter failing which, the same will be deducted as per condition GCC clause no.- 1A at page no. GCC- 16 of the contract document.

4. आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और केन्द्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।

You are requested to comply with the provision of contract labour (Regulation & abolition) Act of 1970 and contract labour (Regulation & Abolition) Central Rules 1971 and minimum wages Act and Rules there of Central and state Govt.

5. आपको प्रबंधक (विधुत) भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा ही किया जाएगा।

You are also directed to contact Manager (Engg.-E), Airports Authority of India, Safdarjung Airport, New Delhi, immediately who will arrange to hand over the site to you.

6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको 04 महीने (चार) महीने, का समय प्रदान किया जाता है। जोकि दिनांक **23.04.2021** से प्रारम्भ माना जाएगा।

Please note that the time allowed for carrying out the work shall be 04 (Four) months and same shall be reckoned from **23.04.2021**.

7. ई-निविदा में उठाए गए सभी प्रश्न, स्पष्टीकरण इत्यादि तथा उनका भा.वि.प्रा द्वारा दिया गया उत्तर भी अनुबंध का भाग होगा।

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


23/4/21
A.G.M (CE)

8. संविदा के सम्बन्ध में भविष्य में किसी भी प्रकार का पत्र व्यवहार इंजीनियर-प्रभारी के नाम से किया जाएगा।
Any further correspondence in connection with the contract should be addressed to the Engineer In-Charge.
9. कृपया पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप विधिवत् हस्ताक्षर करके हमें वापस भेजें।
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.
10. ठेके की त्रुटि दायित्व अवधि बारह महीने है जोकि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is 12 (Twelve) Months after actual date of completion.
11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case of any discrepancy, English version will be taken as correct.

भवदीय

Yours faithfully


ASHOK KUMAR
सहायक महाप्रबंधक (अभि.वि.) / Asstt. General Manager (Engg. Elect.)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
सफदरजुंग हवाई अड्डा / Safdarjung Airport
नई दिल्ली - 110003 / New Delhi-110003

(अशोक कुमार) (Ashok Kumar)

सहायक महाप्रबंधक अभि.वि.) / Asstt. Gen. Mgr. Engg (E)
अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर एवं तरफ से
For & on behalf of Chairman, Airports Authority of India

संलग्न: शडयूल ऑफ कुएंन्टिटीज
Encl: Schedule of Quantities

Item Rate BoQ

Validate

Print

Help

Tender Inviting Authority: Asstt. General Manager, Airports Authority of India, Safdarjung Airport, New Delhi-110003

Name of Work: Misc. Electricals Works at INA & SAP / Old Area. SH: Provision of meter panel board for AAI Residential Colony at CAD & Airport Lane, Safdarjung Airport.

Contract No: AAI/SAP/AGM(E-E)/NDMC/Load/2020-21

Name of the Bidder/
Bidding Firm / M/s Awasthi Electric Works, 107/265, Brahma Nagar, Kanpur-12

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 #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words	TEXT #
1	2	4	5	13	53	55	
1	Meter Board Panel-1 Design, manufacture supply, installation, testing and commissioning of dust, damp and vermin proof free standing floor mounted, Out Door Type Double Door factory built sheet steel enclosed modular construction extendable panel (IP 54), suitable for operation on 415 volts, 3 phase 4 wire 50 Hz AC supply system fabricated in compartmentalized design from CRCA sheet steel of 2mm thick for frame work and covers, 3mm thick for gland plates i/c cleaning & finishing complete with 9 tank process for powder coating in approved shade, complete with Aluminium bus bars of high conductivity, SMC bus bar supports, with short circuit withstand capacity of 25KA for 1 sec, inter-connection from main busbar to switchgears with required size of copper conductor wires / aluminium strips, neutral links, aluminium earth bar of size 25mm x 5mm at the rear with 2 Nos earth stud, throughout the length, including control wiring with 2.5sqmm PVC insulated FRLS copper conductor cable/ wires, cable alleys, cable gland plates in two half, etc. necessary metering protections & indications and mounted with the following switch gears & fixing of angle iron stand made out of 50x50x6 mm of suitable size in concrete foundation, i/c supply & installation of following items and as per technical specification: and technical specifications etc. complete as required. INCOMER: - 1 Nos. 100 Amp four pole Moulded Case Circuit Breaker (25 KA) with thermal magnetic release, spreader link (lcs = lcu). BUSBARS: - TPN aluminium extensible type main bus bars of minimum of 150 Amp capacity and auxiliary bus bar of suitable capacity with heat shrinkable coloured sleeves and i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. INSTRUMENTS: - 1 set of digital Ampere meter (0-100 amp) with selector switch including CTs ratio 100/5A, 15va class 1, for 3 phase 4 wire operation as required. - 1 set of digital Voltmeter (0-500 volt) with selector switch & control MCB's etc as required. - 1 Sets of LED type RYB phase indicating lamps controlled by 2 amp MCB. OUTGOING: - Space for installation of 8 Nos. Energy meter of size of each 300mm X450mm. - 8 Nos.40 Amp DP MCB with single phase & neutral - 2 x 10 sqmm. FR PVC insulated copper conductor to be terminated on bus bar to space for energy meter - 08 sets. Meter Board Panel as above	1.000 Set		77500.00	77500.00	INR Seventy Seven Thousand Five Hundred Only	

[Signature]
18/11/21
AGM (E)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words	TEXT #
1		4	1,000 Sets	13	53	55	
2	Meter Board Panel-2 Design, manufacture supply, installation, testing and commissioning of dust, damp and vermin proof free standing floor mounted, Out Door Type Double Door factory built steel enclosed modular construction extendable panel (IP 54), suitable for operation on 415 volts, 3 phase 4 wire 50 Hz AC supply system fabricated in compartmentalized design from CRCA sheet steel of 2mm thick for frame work and covers, 3mm thick for gland plates i/c cleaning & finishing complete with 10 tank process for powder coating in approved shade, complete with Aluminium bus bars of high conductivity, SMC bus bar supports, with short circuit withstand capacity of 25KA for 1 sec, inter-connection from main busbar to switchgears with required size of copper conductor wires / aluminium strips, neutral links, aluminium earth bar of size 25mm x 5mm at the rear with 2 Nos earth stud, throughout the length, including control wiring with 2.5sqmm PVC insulated FRLS copper conductor cable/ wires, cable alleys, cable gland plates in two half, etc. necessary metering protections & indications and mounted with the following switch gears & fixing of angle iron stand made out of 50x50x6 mm of suitable size in concrete foundation, i/c supply & installation of following items and as per technical specification: and technical specifications etc. complete as required. INCOMER: - 1 Nos. 100 Amp four pole Moulded Case Circuit Breaker (25 KA) with thermal magnetic release. BUSBARS: - TPN aluminium extensible type main bus bars of minimum of 150 Amp capacity and auxiliary bus bar of suitable capacity with heat shrinkable coloured sleeves and i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. INSTRUMENTS: - 1 set of digital Ampere meter (0-100 amp) with selector switch including CT's ratio 100/5A, 15va class 1, for 3 phase 4 wire operation as required - 1 set of digital Voltmeter (0-500 volt) with selector switch & control MCB's etc as required. - 1 Sets of LED type RYB phase indicating lamps controlled by 2 amp MCB. OUTGOING: - Space for installation of 6 Nos. Energy meter of size of each 300mm X450mm. - 6 Nos.40 Amp DP MCB with single phase & neutral - 2 x 10 sqmm. FR PVC insulated copper conductor to be terminated on bus bar to space for energy meter - 06 sets. Meter Board Panel as above	1,000 Sets	5	65000.00	65000.00	INR Sixty Five Thousand Only	

(Signature)
12/11/21
A G m d e

NUMBER #	TEXT #	Item Description	NUMBER #	Quantity	TEXT #	NUMBER #	BASIC RATE In Figures To be entered by the Bidder Rs. P	NUMBER #	TOTAL AMOUNT in Figure Rs. P	TEXT #	TOTAL AMOUNT In Words
1	2		4	6.000	5	13		53		55	
3		Meter Board Panel-3 to 8 Design, manufacture supply, installation, testing and commissioning of dust, damp and vermin proof free standing floor mounted/wall mounted, indoor type factory built sheet steel enclosed modular construction extendable panel (IP 42) , suitable for operation on 415 volts, 3 phase 4 wire 50 Hz AC supply system fabricated in compartmentalized design from CRCA sheet steel of 2mm thick for frame work and covers, 3mm thick for gland plates i/c cleaning & finishing complete with 10 tank process for powder coating in approved shade, complete with Aluminium bus bars of high conductivity, SMC bus bar supports, with short circuit withstand capacity of 25KA for 1 sec, inter-connection from main busbar to switchgears with required size of copper conductor wires / aluminium strips, neutral links, aluminium earth bar of size 25mm x 5mm at the rear with 2 Nos earth stud, throughout the length, including control wiring with 2.5sqmm PVC insulated FRLS copper conductor cable/ wires, cable alleys, cable gland plates in two half, etc. necessary metering protections & indications and mounted with the following switch gears and technical specifications etc. complete as required. INCOMER: - 1 Nos. 100 Amp four pole Moulded Case Circuit Breaker (25 KA) with thermal magnetic release. BUSBARS: - TPN aluminium extensible type main bus bars of minimum of 150 Amp capacity and auxiliary bus bar of suitable capacity with heat shrinkable coloured sleeves and i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. INSTRUMENTS: - 1 set of digital Ampere meter (0-100 amp) with selector switch including CT's ratio 100/5A, 15va class 1, for 3 phase 4 wire operation as required. - 1 set of digital Voltmeter (0-500 volt) with selector switch & control MCB's etc as required. - 1 Sets of LED type RYB phase indicating lamps controlled by 2 amp MCB. OUTGOING: - Space for installation of 4 Nos. Energy meter of size of each 300mm X450mm - 4 Nos 40 Amp DP MCB with single phase & neutral - 2 x 10 sqmm. FR PVC insulated copper conductor to be terminated on bus bar to space for energy meter - 04 sets. Meter Board Panel as above	6.000	Sets		54200.00	325200.00	INR Three Lakh Twenty Five Thousand Two Hundred Only			
4		Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 10 sq. mm + 1 X 6 sq. mm earth wire	680.000	Meter		375.00	255000.00	INR Two Lakh Fifty Five Thousand Only			
5		Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.									
5.01	25 mm		50.000	Meter		110.00	5500.00	INR Five Thousand Five Hundred Only			
5.02	32 mm		350.000	Meter		165.00	57750.00	INR Fifty Seven Thousand Seven Hundred & Fifty Only			
6		Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)									
6.01	12 way, Double door		10.000	Each		1450.00	14500.00	INR Fourteen Thousand Five Hundred Only			
7		Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.									


 12/11/21
 AGM

NUMBER #	Sl. No.	TEXT #	Item Description	NUMBER #	Quantity	TEXT #	Units	NUMBER #	BASIC RATE In Figures To be entered by the Bidder Rs. P	NUMBER #	TOTAL AMOUNT in Figure Rs. P	TEXT #	TOTAL AMOUNT In Words
1	7.01	2	Single pole	4	100 000	5	Each	13	160.00	53	16000.00	55	INR Sixteen Thousand Only
8			Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current breaker with Overcurrent Protection (RCBO), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.										
8.01			40A, RCBO	10.000	Each			3300.00		33000.00			INR Thirty Three Thousand Only
9			Supplying and laying of 63 mm dia (OD-63 mm & ID-51 mm nominal) size DWC 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.	50.000	Meter			225.00		11250.00			INR Eleven Thousand Two Hundred & Fifty Only
10			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. (but without charcoal/ coke and salt) as required	16.000	Sets			4800.00		76800.00			INR Seventy Six Thousand Eight Hundred Only
11			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.	50.000	Meter			450.00		22500.00			INR Twenty Two Thousand Five Hundred Only
12			Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	50.000	Meter			135.00		6750.00			INR Six Thousand Seven Hundred & Fifty Only
13			Supply, Installation, Testing & Commissioning of following items in the existing LT Panels including connection etc. complete as required.										
13.01			Door Lock front and Back Side of electrical panel.	236.000	Each			55.00		12980.00			INR Twelve Thousand Nine Hundred & Eighty Only
13.02			LED type RYB phase indicating lamps.	70.000	Each			115.00		8050.00			INR Eight Thousand & Fifty Only
13.03			Digital LED Ampere meter, accuracy class 1.0, flush mounting 96X96mm suitable for 3 phase 4 wire operation as required.	13.000	Each			1150.00		14950.00			INR Fourteen Thousand Nine Hundred & Fifty Only
13.04			Digital LED Voltmeter meter, accuracy class 1.0, flush mounting 96X96mm suitable for 3 phase 4 wire operation as required.	15.000	Each			1170.00		17550.00			INR Seventeen Thousand Five Hundred & Fifty Only
13.05			Multifunction Meter Model No. EM6400	1.000	Each			3500.00		3500.00			INR Three Thousand Five Hundred Only
13.06			12 Stage Automatic Power Factor Control Relay (APFC controller).	2.000	Each			13500.00		27000.00			INR Twenty Seven Thousand Only
13.07			Current transformers 300/5A, Burden 15VA	9.000	Each			420.00		3780.00			INR Three Thousand Seven Hundred & Eighty Only


 13/11/21
 AGM (e)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words	TEXT #	NUMBER #	TEXT #
1	2	4	5	13	53	55			
13.08	Current transformers 500/5A, Burden 15VA	3,000	Each	410.00	1230.00	INR One Thousand Two Hundred & Thirty Only			
13.09	Push Bottom Indicator Lamp type Red	5,000	Each	170.00	850.00	INR Eight Hundred & Fifty Only			
13.10	Push Bottom Indicator Lamp type Green	5,000	Each	170.00	850.00	INR Eight Hundred & Fifty Only			
13.11	Ammeter Selector Switch (R-Y-B)	8,000	Each	290.00	2320.00	INR Two Thousand Three Hundred & Twenty Only			
13.12	Voltmeter Selector Switch (RY-YB-BR)	9,000	Each	215.00	1935.00	INR One Thousand Nine Hundred & Thirty Five Only			
13.13	Start Stop Push Button Assembly Red	5,000	Each	210.00	1050.00	INR One Thousand & Fifty Only			
13.14	Start Stop Push Button Assembly Green	5,000	Each	210.00	1050.00	INR One Thousand & Fifty Only			
13.15	Capacitor duty contractor 25KVAR	5,000	Each	3450.00	17250.00	INR Seventeen Thousand Two Hundred & Fifty Only			
13.16	Capacitor duty contractor 15KVAR	5,000	Each	2700.00	13500.00	INR Thirteen Thousand Five Hundred Only			
Total in Figures					1094595.00	INR Ten Lakh Ninety Four Thousand Five Hundred & Ninety Five Only			
Quoted Rate in Words									

(Signature)
24/12/21

(Ashok Kumar)
Asstt. Gen. Mgr. Engg.(E)
ASHOK KUMAR
Safdarjung Airport
सहायक महाप्रबन्धक (आवि.-वि.) / Asstt. General Manager (Engg. Elect.)
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India
सफ़दरजुंग हवाई अड्डा / Safdarjung Airport
नई दिल्ली-110003 / New Delhi-110003