



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

No. AAI/BG/ ENGG(E)/MYSURU WORKS/CW-07/2022-23

Date: 10.03.2023

To

M/s Awasthi Electric Works,
107/265, Brahma Nagar,
Kanpur - 208012
Email id: aewknp@gmail.com

कार्य का नाम/Name of work: मैसूर हवाई अड्डे पर ग्राउंड लाइटिंग सुविधाओं के लिए ऑनलाइन
यूपीएस प्रणाली का प्रावधान।/
"Provision of online UPS system for Ground Lighting Facilities
at Mysuru Airport."

संदर्भ / Ref : आपकी ई-निविदा संख्या: 2023_AAI_141928_1/
Your e-tender no.: 2023_AAI_141928_1
आपकी ई-निविदा दिनांक 21.02.2023 को खुली /
Your Tender opened on 21.02.2023

महोदय / Dear Sir (s),

- ऊपर उल्लिखित कार्य के लिए आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकार की जाती है, आपके द्वारा उद्धृत मद दर कुल रु. 69,23,230.00/- (रुपये उनहत्तर लाख तेईस हजार दो सौ बत्तीस मात्र) (जीएसटी को छोड़कर) जो कि निविदा की उचित लागत से 9.83% कम है। 76,78,307.00/- (जीएसटी छोड़कर)। / Your E-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, item rates quoted by you totaling to Rs. 69,23,230.00/- (Rupees Sixty Nine Lakhs Twenty Three Thousand Two Hundred and Thirty Only) (Excl. GST) which is 9.83% below the justified cost put to tender of Rs. 76,78,307.00 /- (Excl. GST).
- सहायक। महाप्रबंधक (इंजीनियरिंग-ई), एएआई, बेंगलूर एयरपोर्ट, बेंगलूर, कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है कि अनुबंध समझौते पर हस्ताक्षर करने और उसे पूरा करने के लिए 20.03.2023 के भीतर एजीएम (इंजीनियरिंग-ई), एएआई, बेंगलूर के कार्यालय में उपस्थित हों। अनुबंध समझौता रुपये के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। 100/- (रुपये-सौ मात्र) और स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी। Asst. General Manager (Engg-E), AAI, Bangalore Airport, Bangalore, shall be the Engineer-in-charge of the work. You are requested to attend the office of AGM (Engg-E), AAI, Bangalore within 20.03.2023 to sign and complete the contract agreement. The Contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees- hundred only) and the cost of stamp paper shall be borne by you.

Contd..2

3. कृपया रुपये जमा करें। इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा के लिए 6,92,323/- (रुपये छह लाख नब्बे हजार तीन सौ तेईस मात्र), ऐसा न करने पर जीसीसी क्लॉज 1 की शर्त के अनुसार कटौती की जाएगी (क) पेज नं. अनुबंध दस्तावेज़ के 21। / Please deposit Rs. 6,92,323/- (Rupees Six Lakhs Ninety Two Thousand Three Hundred and Twenty Three 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 GCC Clause 1 (a) page no. 21 of contract document.
4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम १९७० और अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम १९७१ बाल श्रम (निषेध और विनियमन) अधिनियम १९८६, निर्माण श्रमिकों (रोजगार और सेवा की स्थिति का विनियमन) अधिनियम के प्रावधानों का अनुपालन करें। १९९६, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम १९९६ जैसा कि खंड संख्या में निर्दिष्ट है। पृष्ठ संख्या १९ पर। निविदा के जीसीसी के ६२ और केंद्रीय और राज्य सरकार के न्यूनतम मजदूरी अधिनियम और उसके नियम केंद्रीय और राज्य सरकारों के नियम। / You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Act 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 no. 19 on page no. 62 of GCC of Tender and rules of central and state Government minimum wages act & Rules thereof central and state Governments.
5. आपको प्रबंधक (इंजीनियरिंग-ई) भारतीय विमानपत्तन प्राधिकरण, मैसूर हवाई अड्डे से तुरंत संपर्क करने का निर्देश दिया जाता है, जो आपको साइट सौंप देंगे। / You are also directed to contact Manager (Engg-E) Airports Authority of India, Mysuru Airport, immediately who will hand over the site to you.
6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय ०३ महीने होगा और इसकी गणना इस पत्र के जारी होने के १० वें दिन से की जाएगी। / Please note that the time allowed for carrying out the work shall be 03 Months and same shall be reckoned from 10th day of issue of this letter.
7. अनुबंध के संबंध में किसी भी प्रकार के अग्रिम पत्राचार के लिए इंजीनियर प्रभारी(इंजी- वि (को संबोधित किया जायेगा। / Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge, Airports Authority of India, Kempegowda International Airport, Bengaluru.

10/03/2023 Contd..3

सहायक महाप्रबंधक (इंजी-विद्युत)
Asst. General Manager (Engg-Elect.)
राष्ट्रीय हवाई अड्डा प्राधिकरण / Airports Authority of India
बंगलूर अंतराष्ट्रीय हवाई अड्डा
Bangalore International Airport

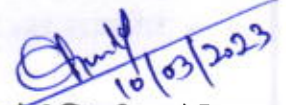
8. कृपया पावती और स्वीकृति की निशानी के रूप में अधोहस्ताक्षरी को यह प्राप्त करने के बाद इसके साथ संलग्न इस पत्र की दूसरी प्रति, हस्ताक्षर कर अधोहस्ताक्षरी को वापस भेजें।

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

Thanking you

Encls: Schedule of Quantities

भवदीय/Yours faithfully,

 10/03/2023

सहायक महाप्रबंधक, इंजीनियरी (इलेक्ट्रिकल),

Asst. General Manager (Engg-E)

अध्यक्ष, भाविप्रा के लिए एवं उनकी ओर से

For and on behalf of the Chairman
Airports Authority of India.

सहायक महाप्रबंधक (इंजी-विद्युत)

Asst. General Manager (Engg-Elect.)

भारतीय हवाई अड्डा प्राधिकरण / Airports Authority of India

बंगलूर अंतराष्ट्रीय हवाई अड्डा

Bangalore International Airport

प्रतिलिपि/Copy To :

1. एयरपोर्ट डायरेक्टर, एएआई, मैसूर एयरपोर्ट
Airport Director, AAI, Mysuru Airport
2. उपा. महाप्रबंधक (इंजीनियरिंग-ई), एएआई, आरएचक्यू, एसआर, चेन्नई।
Dy. General Manager (Engg-E), AAI, RHQ, SR, Chennai.
3. मैनेजर (इंजीनियरिंग-ई), एएआई, मैसूर एयरपोर्ट।
Manager (Engg-E), AAI, Mysuru Airport.
4. वर्क ऑर्डर फाइल। / Work order file.
5. समझौते की फाइल। / Agreement file.

Validate

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Help

Item Rate BoQ

Tender Inviting Authority: Asst. General Manager (E-E), Airports Authority of India, Bangalore.

Name of Work: Provision of Online UPS system for Ground lighting facilities at Mysuru Airport.

Contract No: 2023_AAI_141928_1

Name of the Bidder/
Bidding Firm /
Company :

AWASTHI ELECTRIC WORKS

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	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	Supply, Installation, Testing and Commissioning of 2X160KVA, Three phase input and Three phase output Online UPS System [In Parallel redundancy configuration] with double conversion IGBT technology, suitable for 100% unbalanced load conditions, working on floating system with inbuilt isolation transformer, facility for static and manual bypass, active input power factor correction, advanced communication port, user friendly LCD display etc enclosed in dust and vermin proof, floor mounted, powder coated cubicle enclosure with ventilation louvers, forced air cooling etc and with required no's of 12V, VRLA SMF maintenance free batteries arranged in MS powder coated battery cabinet with suitable size/capacity of interconnecting DC copper cables from UPS to Battery bank, connectors, terminal lugs etc and with all accessories for giving back up time of minimum 30 minutes (under full load conditions) with all controls and protective circuits complete as per technical specifications etc complete as required.	1	Set	4749000.00	4749000.00	INR Forty Seven Lakh Forty Nine Thousand Only

10/03/2023
 सहायक महाप्रबंधक (इंजी-विद्युत)
 Asst. General Manager (Engg-Elect.)
 भारतीय हवाई अड्डा प्राधिकरण / Airports Authority of India
 बंगलूर अंतराष्ट्रीय हवाई अड्डा
 Bangalore International Airport

PRICE SCHEDULE
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NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
2	UPS INPUT PANEL Fabrication, Supply, Installation, Testing and Commissioning of dust and vermin proof, totally enclosed, floor mounted indoor type LT Panel (TTA Type from list of approved makes) of cubical construction with enclosure protection class IP 42 or higher, fabricated out of CRCA sheet steel of 2mm thick for frame work and 1.6mm thick for doors/ covers comprising of TPN Aluminium bus bars of high conductivity with DMC/SMC bus bar supports for short circuit withstand capacity of 50 KA for 1 sec., bottom base channel, entire panel shall have a common copper earth bar of suitable size with 2 nos earth studs, including control wiring, danger notice plates, operating handles, spreader terminals, phase barriers, auxiliary relays/contacts, protection MCBs, necessary metering protections & indications etc. with following switchgears and components suitable for operation on 415V, 3 phase, 50Hz AC Supply complete in all respect and as per specifications INCOMER (i) 400 A, 50kA, 4 Pole MCCB with Thermal Magnetic Release having adjustable O/L & S/C protection - 2 Nos (ii) Three phase Digital Multifunction Meter with inbuilt selector switch, three nos of CTs of 400/5A, 15 VA, Class 1.0 etc. - 02 set. (iii) Set of LED type indicating lamps for R, Y, B, ON, OFF & TRIP - 02 set (iv) Mechanical Interlocking arrangement between incomers with 2 lock and 1 key - 1 set BUSBARS Set of TPN Aluminium Bus Bar of 500A rating - 01 Set OUTGOINGS (i) 400 A, 50kA, 4 Pole MCCB with Thermal Magnetic Release Release having adjustable O/L & S/C protection - 3 Nos (ii) Set of LED type indicating lamps for ON, OFF & TRIP - 03 set	1	Job	375000.00	375000.00	INR Three Lakh Seventy Five Thousand Only
3	UPS OUTPUT PANEL Fabrication, Supply, Installation, Testing and Commissioning of dust and vermin proof, totally enclosed, floor mounted indoor type LT Panel (TTA Type from list of approved makes) of cubical construction with enclosure protection class IP 42 or higher, fabricated out of CRCA sheet steel of 2mm thick for frame work and 1.6mm thick for doors/ covers comprising of TPN Aluminium bus bars of high conductivity with DMC/SMC bus bar supports for short circuit withstand capacity of 50 KA for 1 sec., bottom base channel, entire panel shall have a common copper earth bar of suitable size with 2 nos earth studs, including control wiring, danger notice plates, operating handles, spreader terminals, phase barriers, auxiliary relays/contacts, protection MCBs, necessary metering protections & indications etc. with following switchgears and components suitable for operation on 415V, 3 phase, 50Hz AC Supply complete in all respect and as per specifications INCOMER (i) 400 A, 50kA, 4 Pole MCCB with Thermal Magnetic Release having adjustable O/L & S/C protection - 3 Nos (ii) Three phase Digital Multifunction Meter with inbuilt selector switch, three nos of CTs of 400/5A, 15 VA, Class 1.0 etc. - 03 set. (iii) Set of LED type indicating lamps for R, Y, B, ON, OFF & TRIP - 03 set BUSBARS Set of TPN Aluminium Bus Bar of 500A rating - 01 Set OUTGOINGS (i) 250 A, 36kA, 4 Pole MCCB with Thermal Magnetic Release having adjustable O/L & S/C protection - 4 Nos (ii) 63A, 25kA, 4 Pole MCCB with Thermal Magnetic Release having adjustable O/L & S/C protection - 4 Nos (i) 40A, 25kA, 4 Pole MCCB with Thermal Magnetic Release having adjustable O/L & S/C protection - 4 Nos (ii) Set of LED type indicating lamps for ON, OFF & TRIP - 12 set	1	Job	596000.00	596000.00	INR Five Lakh Ninety Six Thousand Only


सहायक मंत्री (इंजी-विद्युत)
Asst. General Manager (Engg-Elect.)
 राष्ट्रीय हवाई अड्डा प्राधिकरण / Airports Authority of India
 नेशनल एअरपोर्ट्स अथॉरिटी अड्डा

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	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
4	Supply, Installation, Testing and Commissioning of Automatic Transfer Switch (ATS) of following capacities in powder coated sheet steel enclosure with ample space for suitable rating cable termination etc suitable for 415V, 50Hz, three phase AC supply with all required accessories suitable for wall mounting including rotary handle, spreader terminals, making connections etc complete as required.					
4.01	200 Amps, 4 Pole	3	Job	55000.00	165000.00	INR One Lakh Sixty Five Thousand Only
4.02	63 Amps, 4 pole	3	Job	17500.00	52500.00	INR Fifty Two Thousand Five Hundred Only
4.03	40 Amps, 4 Pole	3	Job	17000.00	51000.00	INR Fifty One Thousand Only
5	Supply of following sizes of XLPE insulated, PVC sheathed, Aluminium conductor armoured power cable of 1.1 KV grade as per IS 7098 part I 1988 with upto date amendments etc as reqd.					
5.01	4.0 x 25 sq.mm	100.00	Meter	188.00	18800.00	INR Eighteen Thousand Eight Hundred Only
5.02	3.5 x 35 sq.mm	100.00	Meter	210.00	21000.00	INR Twenty One Thousand Only
5.03	3.5 x 95 Sq.mm	100.00	Meter	490.00	49000.00	INR Forty Nine Thousand Only
5.04	3.5 x 150 sq.mm	450.00	Meter	685.00	308250.00	INR Three Lakh Eight Thousand Two Hundred & Fifty Only
6	Supplying and making end termination with brass single compression gland and aluminium lugs for following sizes of PVC/XLPE insulated PVC sheathed aluminium conductor cable of 1.1 KV grade as required.					
6.01	4.0 x 25 sq.mm	10	Set	200.00	2000.00	INR Two Thousand Only
6.02	3.5 x 35 sq.mm	10	Set	270.00	2700.00	INR Two Thousand Seven Hundred Only
6.03	3.5 x 95 Sq.mm	10	Set	390.00	3900.00	INR Three Thousand Nine Hundred Only
6.04	3.5 x 150 sq.mm	12	Set	590.00	7080.00	INR Seven Thousand & Eighty Only
7	Laying of one no. PVC/XLPE insulated PVC sheathed / XLPE armoured Aluminium conductor power cable of 1.1 KV grade of following size in the in the existing masonry open duct /trenches required.					
7.01	Upto 35 sq. mm	200	Meter	35.00	7000.00	INR Seven Thousand Only
7.02	Above 35 sq. mm and upto 95 sq. mm	80	Meter	45.00	3600.00	INR Three Thousand Six Hundred Only
7.03	Above 95 sq. mm and upto 185 sq. mm	200	Meter	50.00	10000.00	INR Ten Thousand Only
8	Laying of one no. PVC/XLPE insulated PVC sheathed / XLPE armoured Aluminium conductor power cable of 1.1 KV grade of following size on wall surface as required					
8.01	Upto 35 sq. mm (clamped with 1mm thick saddle)	50	Meter	125.00	6250.00	INR Six Thousand Two Hundred & Fifty Only
8.02	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	30	Meter	155.00	4650.00	INR Four Thousand Six Hundred & Fifty Only
8.03	Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat clamp)	200	Meter	175.00	35000.00	INR Thirty Five Thousand Only

PRICE SCHEDULE

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NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
SI. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
9	Retreiving of one number PVC/XLPE insulated & PVC sheathed/XLPE power cable of grade not exceeding 1.1KV of following sizes from the existing open duct/closed duct/RCC pipe/Manhole/GI pipe/culvert, including checking the physical damage of cable etc., as required					
9.01	Upto 35 sq. mm	100	Meter	35.00	3500.00	INR Three Thousand Five Hundred Only
9.02	Above 35 sq. mm and upto 95 sq. mm	200	Meter	45.00	9000.00	INR Nine Thousand Only
10	Supply, Installation, Testing and Commissioning of High wall mounted Inverter type Split Air-conditioning units of following capacities with FIVE (05) STAR BEE RATING suitable for R-32/equivalent eco-friendly refrigerant, complete with indoor and outdoor unit, copper condenser coil, first charging and topping up of refrigerant if required, standard length of refrigerant piping with insulation, drain piping, & interconnecting copper control cables(b/w indoor & outdoor unit), required length of power cables upto nearest socket outlet, suitable capacity of Voltage stabilizer, cordless remote control etc. suitable for operation of 230V, 50 Hz, single phase AC power supply complete as per specifications and as per actual site requirements.					
10.01	2.0TR Capacity	2.00	Each	59000.00	118000.00	INR One Lakh Eighteen Thousand Only
11	SITC of Digital Dynamic AC Timers latest micro controller based technology with Auto/manual facility for cyclic operation of 02 nos suitable upto 2 Ton of split Airconditioners each of any make ,digital display of On/Off status,parameters of AC's,heavy duty relays & connectors etc complete in suitable size enclosure as required.	1.00	Nos	8500.00	8500.00	INR Eight Thousand Five Hundred Only
12	Providing additional refrigerant piping with insulation and interconnecting copper control cable between indoor unit and outdoor unit for the following type of Split/Cassette AC units etc complete as required.					
12.01	2.0TR High wall mounted inverter type Split AC units	10.00	Meter	1350.00	13500.00	INR Thirteen Thousand Five Hundred Only
13	Providing additional PVC Drain piping (medium class) of suitable size with insulation for the following type of Split/Cassette AC units complete with all accessories complete as required.					
13.01	2.0TR High wall mounted inverter type Split AC units	10.00	Meter	150.00	1500.00	INR One Thousand Five Hundred Only
14	Providing Cement Concrete pedestal/ MS Stand of suitable size for installation of split/Cassette AC outdoor unit as per site requirement complete as required.	2.00	job	600.00	1200.00	INR One Thousand Two Hundred Only
15	Earthing with Copper earth plate 600 mm x 600 mm x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. (but without charcoal or coke and salt) as required.	4.00	Set	14500.00	58000.00	INR Fifty Eight Thousand Only

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	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
16	Providing and fixing 25 mm x 5 mm Copper strip on surface or in recess for connections with clamping etc as required.	50.00	Meter	1190.00	59500.00	INR Fifty Nine Thousand Five Hundred Only
17	Providing and fixing 25 mm X 5 mm Copper strip in 40 mm dia GI pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	100.00	Meter	1420.00	142000.00	INR One Lakh Forty Two Thousand Only
18	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	210.00	Meter	80.00	16800.00	INR Sixteen Thousand Eight Hundred Only
19	Supplying and fixing of synthetic electric insulation mats of 3.3KV grade with nominal 2 mm thickness confirming as per IS:15652 along with suitable adhesive/chemibond, no adverse effect of mineral oil, high insulation resistance, sealing of all joints etc., complete as required.	30.00	sqm	800.00	24000.00	INR Twenty Four Thousand Only
Total in Figures					6923230.00	INR Sixty Nine Lakh Twenty Three Thousand Two Hundred & Thirty Only
Quoted Rate in Words				INR Sixty Nine Lakh Twenty Three Thousand Two Hundred & Thirty Only		


 सहायक महाप्रबंधक (इंजी-विद्युत)
Asst. General Manager (Engg-Elect.)
 भारतीय हवाई अड्डा प्राधिकरण / Airports Authority of India
 बंगलूर अंतराष्ट्रीय हवाई अड्डा
 Bangalore International Airport