



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
डिब्रूगढ़ हवाई अड्डा, डिब्रूगढ़
DIBRUGARH AIRPORT, DIBRUGARH

AAI/DIB/ENGG(E)/CW-02/W.O.-02/2024-25/131

Date: 25.09.2024

To,

M/S Awasthi Electric Works
107/265, Brahm Nagar,
Kanpur, Kanpur Nagar
Uttar Pradesh - 201010

Name of Work: Miscellaneous / unforeseen capital Electrical works.

SH: Execution of Balance electrical work at New ATC building, Dibrugarh Airport

Ref: 1. Tender Id: 2024_AAI_203601_1

महोदय/Sir,

- उल्लिखित कार्य हेतु आपकी ई निविदा के सम्बन्ध में, आपके द्वारा उद्धरित राशि कुल रु. **56,17,600.00 (रुपये छप्पन लाख सत्रह हजार छह सौ मात्र) (जी.एस.टी. के बिना)**, जो कि निविदा की औचित्य मूल्य राशि रु. 75,73,819.00 मात्र से 25.83% कम है, को अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है। जीएसटी चालान के उत्पादन पर वास्तविक के अनुसार अतिरिक्त जीएसटी राशि का भुगतान किया जाएगा।

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 totaling **Rs. 56,17,600.00 (Rupees Fifty Six Lakhs Seventeen Thousand Six Hundred Only) (excluding GST)** which is 25.83% below the justified cost of Rs. 75,73,819/- only. Amount of GST will be paid extra as per actual on production of GST invoice.

- स. महाप्रबंधक (इंजी.-विद्युत), डिब्रूगढ़ हवाई अड्डा**, कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्राधिकृत प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है को **स महाप्रबंधक (इंजी.-विद्युत)** के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक **10.10.2024** तक तैनात करें। (संविदा करार सौ रुपये के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।)

AGM (Engg.-E), Dibrugarh 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 **AGM (Engg.-E)** by **10.10.2024** to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100.00 (Rupees One Hundred) only and the cost of the stamp paper shall be borne by you.

3. कृपया सुरक्षा जमा राशि रु **5,61,760.00** (रुपए पाँच लाख इकसठ हजार सात सौ साठ रुपये मात्र) इस पत्र के जारी होने की तारीख से 10 (दस) दिनों के भीतर जमा करें। ऐसे न करने पर, संविदा के अनुसार यह राशि आपके रनिंग बिल में से काट दिया जाएगा।

Please deposit **Rs. 5,61,760.00 (Rupees Five Lakh Sixty-One Thousand Seven Hundred and Sixty Only)** towards security deposit within 10 (Ten) days from the date of issue of this letter, failing which, the same will be deducted from your running bill as per contract agreement.

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 केंद्रीय और राज्य सरकार के नियमों का पालन करें।

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 of Central and State Government.

5. आपको निर्देश दिए जाते हैं कि आप सहायक महाप्रबंधक (अभि.- विद्युत), भा.वि.प्र., डिब्रूगढ़ हवाईअड्डा, से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपर्द करने की व्यवस्था करेंगे। कृपया यह नोट कर लें कि काम करने का समय **06 महीना** है जिसे तारीख **04.10.2024** से गिना जाएगा।

You are directed to contact **Asst. Manager (Engg-E), AAI, Dibrugarh Airport**, immediately who will arrange to handover the site to you. Please note that the time allowed for carrying out the work is **06 MONTHS**, which shall be reckoned from **04.10.2024**.

6. अनुबंध की दोष देयता अवधि पूरा होने की दर्ज तिथि से **12 (बारह) महीने**

Defects liability period of contract is **12 (Twelve) months** from the recorded date of completion.

7. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः स महाप्रबंधक (इंजी.-विद्युत), भा.वि.प्र., डिब्रूगढ़ हवाईअड्डा, डिब्रूगढ़ -786012, से किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the **AGM (Engg.-E), AAI, Dibrugarh Airport, Dibrugarh -786012**.

8. कृपया प्रतिग्रहण के टोकन के रूप में कार्य आदेश की प्राप्ति को स्वीकार करें ।

Please acknowledge the receipt of the Letter of Award as a token of acceptance.

9. यदि कहीं विसंगति पाई जाती है तो अंग्रेज़ी भाषा ही मान्य होगी ।

In case any discrepancy is found, then English version will be taken as correct.

Encl:

(i) Schedule of quantity

भवदीय / Yours faithfully,

सौभिक पान

(सौभिक पान)

(Saubhik Pan)

सहायक महाप्रबंधक (अभि.-विधुत)

Asstt. Gen. Manager (Engg.- Elect.)

कृते तथा की ओर से अध्यक्ष, भा.वि.प्रा.

For and on behalf of Chairman, AAI

भा.वि.प्रा. डिब्रूगढ़ विमानपत्तन

AAI, Dibrugarh Airport

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Item Rate BoQ

Tender Inviting Authority: Airports Authority of India, Dibrugarh Airport

Name of Work: Miscelleneous / unforeseen capital Electrical works. SH : Execution of Balance electrical work at New ATC building, Dibrugarh Airport.

Contract No: 2024_AAI_203601_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 relevent 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 #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	13	53	55
1	Supply, installation, testing and commissioning of online UPS system of nominal capacity 10 KVA (3 phase 4 wire input and 3 phase 4 wire output) with SMF Battery for 30 mins backup, with MS Rack & IRIT Link for SMF Batteries including providing battery inter connecting cables of copper conductor, copper lugs/thimbles and necessary accessories as per requirement.	2	Job	100.00	310000.00	620000.00	INR Six Lakh Twenty Thousand Only
2	Supply, installation, testing and commissioning of online UPS system of nominal capacity 6 KVA (single phase input and single phase output) with SMF Battery for 30 mins backup with MS Rack & IRIT Link for SMF Batteries including providing battery inter connecting cables of copper conductor, copper lugs/thimbles and necessary accessories as per requirement.	4	Job	100.00	110000.00	440000.00	INR Four Lakh Forty Thousand Only
3	Supply, installation, testing and commissioning of Wall mounted Stainless Steel body Automatic Jet Hand Dryer with Brush less motor, infrared sensor and used for drying hands in less than 10 seconds, suitable for operation on single phase 230V, 50Hz AC supply, complete, as required of make & model : DLOPHY DAHD0053 or EURONICS XJD3B	11	Job	10.00	62900.00	691900.00	INR Six Lakh Ninety One Thousand Nine Hundred Only
4	Supply, installation, testing and commissioning of Water Purifier (UV) cum dispenser having stainless Steel body and stainless Steel/Food Grade Steel storage Tank with 03 nos. faucets for hot, cold and normal water having water storage capacity of 30L/40L/5L(minimum) (normal/Cold/Hot) and water cooling capacity of 20 L/hr (minimum) and water heating capacity of 20 L/hr (minimum) of make & model: CONWAY P125 NHC or equivalent model as approved by Engineer-in-charge.	9	Job	10.00	67500.00	607500.00	INR Six Lakh Seven Thousand Five Hundred Only

5	SITC of storage type water heater of 25 litres capacity suitable for operation on 230V, 50Hz, single phase AC supply having SS tank, PUF insulation, compact PP body / ABS body along with safety devices like pressure relief valve, automatic thermostat, thermal cutout, fusible plug & non-return device, suitable connecting hoses and Stainless Steel Valves for Inlet and Outgoing Water etc. complete as required, BEE rating 4-star and above. (Make & Model: Havells Troica/ Bajaj Compagno or Equivalent Model).	2	Job	10.00	10750.00	21500.00	INR Twenty One Thousand Five Hundred Only
6	Supply of 1.5TR Fixed speed type Split Air-Conditioner of BEE 3 Star rating or above wall type split 1.5 Ton non ductible fan coil unit (Indoor Unit), Copper Condensing unit (Outdoor Unit) with fan and High Energy Efficiency Ratio Rotary compressor, with cord less remote controller and works with R410A/R32/R 134A gas, suitable for operation on 1 Phase, 230 +/- 10%V, 50Hz AC supply etc. complete as required. The supply of unit shall include the copper pipings, Interconnecting Power cables between the Indoor and Outdoor Unit as per the standard manufacturer design (i.e. Copper pipings of not less than 3 Mtrs) including drain pipe and initial charge of gas etc. complete as required.	6	Each	100.00	38800.00	232800.00	INR Two Lakh Thirty Two Thousand Eight Hundred Only
7	Installation, Testing and commissioning of 1.5 TR wall mounted/Hi-wall type Split Air-Conditioner by making required structures of suitable size MS stand/PCC work as per site requirement i/c balancing of Liquid & Gas, Gas charging the system with R410A/R32/R 134A refrigerant if any extra gas required due to increase in length of Copper piping, including covering the Copper piping (i/c Copper pipe came along with the units) with suitable size casing capping/PVC pipe Lifting / Shifting of Outdoor & Indoor units upto site location etc., complete as required.	6	Job	100.00	4400.00	26400.00	INR Twenty Six Thousand Four Hundred Only
8	Supply, Laying and connecting of OEM recommended copper refrigerant Piping (Liquid and Gas) with Nitrile Rubber insulation of thickness not less than 13mm and with all other accessories suitable for 1 phase, 1.0/1.5TR split AC including covering the Copper piping with suitable size casing capping/PVC pipe etc. complete as required (Length of Liquid and gas line will be measured as single measurement).	60	Metre	10.00	1875.00	112500.00	INR One Lakh Twelve Thousand Five Hundred Only
9	Supply and laying/fixing of ISI marked UPVC pipe of 25mm dia with required bends/connectors on surface/suspension for draining out the water including interconnection of drain pipe etc. complete as required.	60	Meter	10.00	375.00	22500.00	INR Twenty Two Thousand Five Hundred Only
10	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps, 10kA "C" curve, SP MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.	6	Each	10.00	1500.00	9000.00	INR Nine Thousand Only
11	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.						
11.01	3 x 1.5 Sq.mm	50	Meter	10.00	65.00	3250.00	INR Three Thousand Two Hundred & Fifty
11.02	3 x 4 Sq.mm	50	Meter	10.00	160.00	8000.00	INR Eight Thousand Only
12	Supplying and fixing of following sizes of medium class FLRS PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.						

12.01	20 mm	50	Meter	10.00	190.00	9500.00	INR Nine Thousand Five Hundred Only
12.02	25 mm	50	Meter	10.00	210.00	10500.00	INR Ten Thousand Five Hundred Only
13	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.						
13.01	10r2 Module (75mmX75mm)	10	Each	10.00	260.00	2600.00	INR Two Thousand Six Hundred Only
13.02	3Module (100mmX75mm)	10	Each	10.00	290.00	2900.00	INR Two Thousand Nine Hundred Only
14	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.						
14.01	5/6A switch	10	Each	10.00	90.00	900.00	INR Nine Hundred Only
14.02	15/16 A switch	10	Each	10.00	130.00	1300.00	INR One Thousand Three Hundred Only
14.03	3 pin 5/6 A socket outlet	10	Each	10.00	125.00	1250.00	INR One Thousand Two Hundred & Fifty
14.04	6 pin 15/16A socket outlet	10	Each	10.00	215.00	2150.00	INR Two Thousand One Hundred & Fifty
15	Supplying, installation, testing & commisioning of distribution box made with 1.6mm thick sheet steel enclosure (IP42) duly powder coated, installation of the box to be carried out on the existing wall/Plywood/partition including supply and providing MCCB with thermomagnetic release (4 pole, 32 A, 25 kA) inside the distribution box with terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.	6	Job	10.00	16900.00	101400.00	INR One Lakh One Thousand Four Hundred Only
16	Supply and laying of 1.1 kV grade single core PVC insulated un armoured copper cable of following size as per IS 7098 part 1 on wall / on surface / on cable tray.						
16.01	Single Core 16 sq.mm	200	Meter	10.00	235.00	47000.00	INR Forty Seven Thousand Only
17	Supply of LED fitting with LED tube light with heat dissipation capability having Opal diffuser to create optimum light uniformity with minimum glare. It has a system system wattage not less than 18 Watts, lumens with luminaire efficacy of not less than 100 lm/W. CCT from 5700 K to 6500 K, suitable for indoor applications complete as per technical specifications	10	Each	10.00	300.00	3000.00	INR Three Thousand Only
18	Supply of 600mm x 600mm false ceiling Mounted LED fixture with high efficiency diffuser complete with driver and accessories having system wattage not less than 36 Watts with luminaire efficacy not less than 100 Lumens / watt, CCT from 5700 K to 6500 K, suitable for indoor applications complete as per techhncial specifcations	25	Each	10.00	1750.00	43750.00	INR Forty Three Thousand Seven Hundred & Fifty Only
19	Supply of false ceiling mounted LED downlighter with LEDs of approved makes having high efficiency Pmma diffuser. Specially designed deep inset diffuser fixed to housing for visual comfort, driver installed on housing or externally and prewired upto the terminal block. It has a system wattage not less than 10 Watts with luminaire efficacy of not less than 100 lm/W, CCT from 4500 K to 6500 K , complete as per Technical Specifications suitable for indoor applications.	40	Each	10.00	750.00	30000.00	INR Thirty Thousand Only

20	Supply of suspended type Industrial bay LED light comprising of LEDs of approved make with Constant current output driver, It has a system wattage not less than 150 Watts with luminaire efficacy of not less than 100 lm/W, CCT from 5700 K to 6500 K, suitable for indoor applications complete as per technical specifications	30	Each	10.00	5750.00	172500.00	INR One Lakh Seventy Two Thousand Five Hundred Only
21	Supplying 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. 3.5C x 120 Sq. mm	30	Set	10.00	550.00	16500.00	INR Sixteen Thousand Five Hundred Only
22	Supplying 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. 3.5C x 150 Sq. mm	5	Set	10.00	700.00	3500.00	INR Three Thousand Five Hundred Only
23	Supply of High Voltage Detector which is suitable for detecting Voltages from 230 V to 33 kV detection method shall be non-contact which is extendable upto a length of 3 mtrs.	2	Each	10.00	17000.00	34000.00	INR Thirty Four Thousand Only
24	Supply of High Voltage Discharge Rod capable of discharging voltages upto 33 KV with 6 meter length rod, aluminium hook, 10 sq.mm cable for earthing and earthing clamp.	2	Each	10.00	6000.00	12000.00	INR Twelve Thousand Only
25	Supply installation testing Commissioning of battery bank along with battery charger of 110 Volt (55 Nos x 2 V 200 AH), with dual circuit automatic float cum boost battery charger, Thyristor / IGBT controlled type. The charger shall have selector switch for Auto Float-Boost/manual Float / Manual Boost mode of operation. DC output voltage of float/boost charger shall be within +2% for AC input of 415 volt +/-10%, 50 Hz +/-5% and for DC load variation from 0 to 100%. Constant voltage regulator shall be SCR / IGBT controlled & ripple content in output to be limited within 2% of DC output nominal voltage. Battery charger shall have automatic output current limiting feature. Battery charger shall be complete with Main Transformer, full wave bridge rectifier, Solid state Constant Potential controller, Electronic controller, Potentiometer, digital ammeter, digital voltmeter, circuit breaker for Input & Output protection complete with 2 volt Battery cell of 200 AH Capacity. The panel shall be fabricated from CRCA sheet steel enclosure of 2 mm thick, hinged type lockable door, totally enclosed, vermin proof, free standing, suitable ventilated louvers covered with wire mesh, floor mounting, 'C' channel base frame of size 75x40 mm etc. including painting, all internal copper wiring, inter connections of all control & power cables, continuous earthing bus with provision for earth connections at both ends etc, all as required and as per enclosed specifications.	1	Each	10.00	150000.00	150000.00	INR One Lakh Fifty Thousand Only
26	Supply, installation, testing and commissioning of Stainless steel (Grade 304) housing with painted finish surface of aircurtains having maximum air velocity at Nozzle of 21 m/s and having CFM of 1100 at open exists as per the directions of Engineer In Charge. 4 ft. Equivalent to Model : Euronic EAS4 or Dolphy DACN0008	8	Job	10.00	23500.00	188000.00	INR One Lakh Eighty Eight Thousand Only

27	Supply of Business Grade Desktop CPU having Windows 10 Operating Software with configuration i7 grade, 9th Gen having a RAM of 8GB, having an internal memory of 1TB, including supply of accessories like Key board, Mouse, UPS of Capacity 1100 VA with battery back up time of minimum 30 Mins complete as required and complied with item No 28,29,and 30. Make H P Model No HP Pro Desk 600 G3	1	Each	10.00	125000.00	125000.00	INR One Lakh Twenty Five Thousand Only
28	Supply of Touch Screen Monitor of Size -24 inch(Diagonal) , Full HD 1920 x 1080 at 60 Hz Resolution with HDMI interface. Equivalent to Model DELL P2424HT.	1	Each	10.00	42500.00	42500.00	INR Forty Two Thousand Five Hundred Only
29	Supply of Smart Managed Gigabit Switches with all accessories like LIU, Patch cords, SC coupler, Pigtails (8 port Ethernet & 2 port optical fiber port) Equivalent to make: (D-Link model no. DGS-1210)	1	Each	10.00	13500.00	13500.00	INR Thirteen Thousand Five Hundred Only
30	Supply and Installation of Windows 10 Platform Runtime SCADA Software for compatible for the computer mentioend in the Item No . Make: (Rockwell Automation)	1	Job	10.00	200000.00	200000.00	INR Two Lakh Only
31	Supply and laying of 6 F, single mode Optical Fiber Cable in existing hume / HDPE pipe / DWC Pipe.	700	Meter	10.00	60.00	42000.00	INR Forty Two Thousand Only
32	Supply and laying of 12 core 2.5 sq.mm solid Copper Conductor, XLPE Insulated, Armoured 2XWY, 1100 V Grade as per IS 7098 (Part 1) in existing hume / HDPE pipe / DWC Pipe.	700	Meter	10.00	445.00	311500.00	INR Three Lakh Eleven Thousand Five Hundred Only
33	Installation, Testing and Commissioning of CPU, Scada software along with touch screen monitor including suitable LIU, patch chord, converters and all other accesseries required for the complete testing commissioning of parallel control and monitoring operation of ALCMS.	1	Job	10.00	50000.00	50000.00	INR Fifty Thousand Only
34	Supply of 75 mm dia HDPE, ISI marked along with all acessories like socket, couplers etc conforming to IS 4984-1995, PN10 grade, PE63 etc and Laying of one number HDPE pipe of size 75 mm dia by making Horizontal boring using suitable mechanical arrangement, Sensor operated, Min. 2 Mtr Depth including butt joint welding of HDPE pipe, inserting of HDPE Pipes in bore well hole etc., complete is required.	1500	Meter	10.00	750.00	1125000.00	INR Eleven Lakh Twenty Five Thousand Only
35	Constructing masonry Chamber 120x120x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 M sand) , with RCC top slab 1:2:4 mix (1 cement : 2 M sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 M sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3M sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :	4	Job	10.00	20000.00	80000.00	INR Eighty Thousand Only
Total in Figures						5617600.00	INR Fifty Six Lakh Seventeen Thousand Six Hundred Only
Quoted Rate in Words		INR Fifty Six Lakh Seventeen Thousand Six Hundred Only					

श्रीनिवास पात्र
25/09/24.