

सं.सं: भा.बि.प्रा./पू.क्षे./कोल/ईई/उप-प्रभाग-I/W-C-08/2023-24/186
Ref. AAI/ER/Kol/EE/Sub.Div.-I/W-C-08/2023-24/186

दिनांक: 28/08/2023
Date: 28/08/2023

सेवा में / To,
M/s Anirban Enterprise
1080, Jessore Road, Dumdum,
Kolkata - 700028

विषय / Sub :- एनएससीबीआई हवाई अड्डे, कोलकाता में 19एल जीपी और 19एल एलएलजेड इलेक्ट्रिकल कार्यों में एंटीना प्लेटफार्मों सहित आईएलएस हट्स का स्थानांतरण।

Relocation of ILS Huts i/c Antenna Platforms at 19L GP & 19L LLZ
Electrical works at NSCBI Airport, Kolkata.

संदर्भ / Ref.- (i) E-Tender ID No.: - 2023_AAI_159899_2.
(ii) E-Tender opened on 07.08.2023 (Financial Bid).

Dear Sir(s),

- उपर्युक्त कार्य हेतु आपका प्रस्ताव अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी ऑफर राशि कुल रु. **21,85,955.00 (रुपये इक्कीस लाख पचासी हजार नौ सौ पचपन मात्र)** जीएसटी के सिवा, जो कि टेंडर की न्यायोचित निविदा राशी रु. **29,13,838.00** से **24.98%** (चौबीस दशमलव नौ आठ प्रतिशत) नीचे है।

Your offer for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, for the sum of ₹ **21,85,955.00 (Rupees Twenty One Lakh Eighty Five Thousand Nine Hundred and Fifty Five only)** excluding GST, which is **24.98%** (Twenty Four Point Nine Eight Percent) below the Justified Cost of ₹ **29,13,838.00** put to tender (without GST).

- उप महाप्रबंधक (अभि. -वि.), पू.क्षे., भा.वि.प्रा. ने. सु. च. बो. अ. हवाई अड्डा, कोलकाता 700052 इस कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आपकी ओर से आप अथवा आपके द्वारा अधिकृत प्रतिनिधि नियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **06-09-2023** तक उप महाप्रबंधक (अभि-वि.), पू.क्षे., भा.वि.प्रा. ने. सु. च. बो. अ. हवाई अड्डा, कोलकाता 700052 के कार्यालय में करारनामा पर हस्ताक्षर करने एवं उसको पूरा करने हेतु उपस्थित हों। ठेके का करारनामा रु. 100/- (रु. एक सौ) मात्र के नॉनज्यूडीशियल स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

The Dy.GM (Engg. -Elect.), ER, AAI, N.S.C.B.I. Airport, Kolkata 700052 shall be the Engineer-in-charge of the work. You are requested to attend the office of Dy. GM (Engg.-Elect.), ER, Airports Authority of India, NSCBI Airport, Kolkata 700052 by **06-09-2023** 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 the stamp paper shall be borne by you.

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3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया रु. 1,56,946.00 (रुपये एक लाख छप्पन हजार नौ सौ छियालीस मात्र) अदा की जाए अन्यथा निविदा दस्तावेज के धारा 1ए, पृष्ठ संख्या 68 के अनुसार उक्त राशि चालू बिल से कटौती की जाएगी।

Please deposit ₹1,56,946.00 (Rupees One Lakh Fifty Six Thousand Nine Hundred and Fourty Six only) towards Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per Clause 1A, Page no. – 68 of the tender documents.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार का विनियमन और सेवा की शर्त) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996 और न्यूनतम मजदूरी अधिनियम एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन अवश्य 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 1996 and minimum wages act and rules there of Central and State Governments.

5. आपको एतद्वारा इस कार्य के लिए नियोजित की जाने वाली सामग्री और श्रमिकों के लिए निविदा दस्तावेज के धारा नंबर 46, पृष्ठ संख्या 124-125 के अनुसार CAR नीति प्रस्तुत करने का निवेदन किया जाता है।

You are hereby directed to submit the CAR Policy as per GCC Clause No. 46, Page No. 124-125 of tender document for materials and workers to be employed for this work separately.

6. आपसे निवेदन है कि आप तुरंत वरिष्ठ प्रबंधक (अभि-वि.), पू. क्षे., भा.वि.प्रा, 1st फ्लोर, न्यू ओपरेशनल कमप्लेक्स, ने. सु. च. बो. अ. हवाई अड्डा, कोलकाता 700052 से मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।

You are requested to contact with the Senior Manager (E-E), ER, Airports Authority of India, 1st Floor, New Operational Complex, NSCBI Airport, Kolkata 700052 who will arrange to hand over the site to you.

7. कृपया ध्यान दें कि कार्य समाप्त करने का समय 03 (तीन) महीने और इस कार्य आदेश के जारी होने के दसवें दिन से माना जाएगा।

Please note that the time allowed for carrying out the work shall be 03 (Three) months and same shall be reckoned from 10th day from issue of this work order.

8. इस ठेके के संबंध में आगे का कोई भी पत्राचार इंजीनियर-इन-चार्ज को संबोधित किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

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9. कृपया पावती भेजें और स्वीकृति प्रतिलिपि के तौर पर संलग्नित पत्र की हस्ताक्षरित प्रति इस कार्यालय को अवश्य भेजें।

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.

10. यदि अंग्रेज़ी और हिन्दी पाठ में कोई असंगति पाया जाता है तो अंग्रेज़ी पाठ को सही माना जाएगा।

If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

संलग्न / Encl: Schedule of Work (Page 1-9).

निष्ठापूर्वक/Yours faithfully,

Sd/-

उप महाप्रबंधक (अभि.-वि) / Dy. GM(E-E)

जानकारी के लिए प्रतिलिपि / Copy for information:-

1. क्षेत्रीय कार्यकारी निदेशक, पू.क्षे., कोलकाता -52.
The Regional Executive Director, ER, AAI, Kolkata – 52.
2. महाप्रबंधक (अभि.), क्षेत्रीय मुख्यालय, पू.क्षे., कोलकाता -52.
The General Manager (Engg.), RHQ-ER, AAI, Kolkata – 52.
3. महाप्रबंधक (वित्त), क्षेत्रीय मुख्यालय, पू.क्षे., कोलकाता -52.
The General Manager (Fin.), RHQ-ER, AAI, Kolkata – 52.
4. वरिष्ठ प्रबंधक (अभि.-वि.), क्षेत्रीय मुख्यालय, पू.क्षे., कोलकाता -52.
The Senior Manager (E-E), RHQ-ER, AAI, Kolkata – 52.
5. श्रम अधिकारी कार्यालय (केंद्रीय), 2nd एम.एस. बिल्डिंग, 5th फ़्लोर, निजाम पालेस,
234/4, ए.जे.सि. बोस रोड, कोलकाता -700 020.
The O/o the Labour Commissioner (Central), 2nd M.S. Building, 5th Floor, Nizam Palace,
234/4, A.J.C. Bose Road, Kolkata – 700 020.
6. कार्यालय प्रतिलिपि.
Office copy.

S. Ghosh
28/08/2023

उप महाप्रबंधक (अभि.-वि) / Dy. GM(E-E)

भा. बि. प्रा., क्षेत्रीय मुख्यालय, पू.क्षे / AAI, RHQ-ER
कोलकाता 700052/Kolkata 700052.

Tender Inviting Authority: AIRPORTS AUTHORITY OF INDIA

Name of Work: Relocation of ILS Huts i/c Antenna Platforms at 19L GP & 19L LLZ Electrical works at NSCBI Airport, Kolkata .

Tender id: 2023_AAI_159899_2

Name of the Bidder/ Bidding	M/s ANIRBAN ENTERPRISE
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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)

NUMBE	TEXT #	TEXT #	NUMBER	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	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 & Commissioning (foundation i/c) of Out Door type Double Door LT Panel, cubicle type, made out of 2mm thick CRCA sheet, totally enclosed. IP 56, free standing, floor mounting, dust and vermin proof, weather proof, outdoor, compartmentalized, suitable for operation on 3 phase and neutral, 415 V, 50 Hz AC system with aluminium busbars including internal wiring with suitable size wires/cable interconnection, bottom, cable entry provision, duly powder coated painting etc., including with DMC/SMC bus bar supports, common GI earth of size 25mm X 5mm at the rear with 2 nos. earth stud including supply and installation of following switchgears, metering instruments and accessories in the LT Panel and as per specifications. (Note the mounting of the Feeder Pillar shall be made with Frangible base)	Item1	2.00	Job	INR	425000.00	850000.00	INR Eight Lakh Fifty Thousand Only
1.01	Incomer							
1.02	03 Nos. 125A , 36KA FP,T/M release MCCB with rotary handle, spreader links & Auxillary Contact.							
1.03	03 nos. set RYB indication lamp							
1.04	03 nos. set ON/OFF indication lamp							
1.05	03 Multifuction meter with RS 485 port							
1.06	1 Nos. FP 160 A,Auto Transfer Switch .							
1.07	01 no. Online Change Over 4P, 200A							
1.08	03 nos. set of Surge Divereter for 03 nos. incomer.							
1.09	01 no. industrial scocket of 125 A.							
1.1	Outgoing							

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SMC/E

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1.11	3 Nos. 63 A , 25KA FP,T/M release MCCB with rotary handle.							
1.12	3 Nos. 32 A , 25KA FP,T/M release MCCB with rotary handle.							
1.13	415V, 3 phase and neutral 200 A aluminium bus bar with colour code & sleeves-1 set							
1.14	6 nos. set ON/OFF Indication lamp							
1.15	01 nos. 415V, 32A Industrial socket.							
2	Supply of following sizes XLPE insulated PVC sheathed armoured aluminium conductor cable of grade 1.1 KV with FRLSH outer sheathed, confirming to IS 7098 Part-I with up to date amendments. (a) 4c x 25 sq.mm.	Item2	200.00	Mtr.	INR	155.00	31000.00	INR Thirty One Thousand Only
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.							
3.1	Upto 35 sq. mm	Item3	30.00	Mtr.	INR	300.00	9000.00	INR Nine Thousand Only
3.2	Above 95 sq. mm and upto 185 sq. mm	Item4	20.00	Mtr.	INR	325.00	6500.00	INR Six Thousand Five Hundred Only
4	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/ HDPE pipe as required.							
4.1	Upto 35 sq. mm	Item5	30.00	Mtr.	INR	50.00	1500.00	INR One Thousand Five Hundred Only
4.2	Above 95 sq. mm and upto 185 sq. mm	Item6	15.00	Mtr.	INR	65.00	975.00	INR Nine Hundred & Seventy Five Only
5	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.							
5.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	Item7	90.00	Mtr.	INR	65.00	5850.00	INR Five Thousand Eight Hundred & Fifty Only
6	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.							
6.1	4 X 25 sq. mm.	Item8	8.00	Each	INR	275.00	2200.00	INR Two Thousand Two Hundred Only
6.2	3½ X 185 sq. mm (57mm)	Item9	4.00	Each	INR	1200.00	4800.00	INR Four Thousand Eight Hundred Only
7	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. with charcoal/ coke and salt as required.	Item10	4.00	Each	INR	5500.00	22000.00	INR Twenty Two Thousand Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
8	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required.	Item11	40.00	Mtr.	INR	140.00	5600.00	INR Five Thousand Six Hundred Only
9	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Item12	20.00	Mtr.	INR	135.00	2700.00	INR Two Thousand Seven Hundred Only
10	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Item13	120.00	Each	INR	22.00	2640.00	INR Two Thousand Six Hundred & Forty Only
11	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required							
11.1	50 mm dia	Item14	30.00	Mtr.	INR	750.00	22500.00	INR Twenty Two Thousand Five Hundred Only
11.2	100 mm dia	Item15	12.00	Mtr.	INR	1800.00	21600.00	INR Twenty One Thousand Six Hundred Only
12	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	Item16	12.00	Each	INR	1150.00	13800.00	INR Thirteen Thousand Eight Hundred Only
13	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. Group C	Item17	12.00	Each	INR	950.00	11400.00	INR Eleven Thousand Four Hundred Only
14	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.							
14.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Item18	60.00	Mtr.	INR	230.00	13800.00	INR Thirteen Thousand Eight Hundred Only
14.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Item19	240.00	Mtr.	INR	270.00	64800.00	INR Sixty Four Thousand Eight Hundred Only
15.0	Supplying and fixing suitable size PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Item18	40.00	Each	INR	450.00	18000.00	INR Eighteen Thousand Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
16	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.							
16.1	5/6 A switch	Item19	6.00	Each	INR	75.00	450.00	INR Four Hundred & Fifty Only
16.2	3 pin 5/6 A socket outlet	Item20	6.00	Each	INR	95.00	570.00	INR Five Hundred & Seventy Only
17.0	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Item21	5.00	Each	INR	20.00	100.00	INR One Hundred Only
18	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required .							
18.1	4 way (4 + 12), Double door	Item22	2.00	Each	INR	3500.00	7000.00	INR Seven Thousand Only
19	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)							
19.1	8 way , Double door	Item22	2.00	Each	INR	1800.00	3600.00	INR Three Thousand Six Hundred Only
19.2	16 way, Double door	Item23	2.00	Each	INR	2200.00	4400.00	INR Four Thousand Four Hundred Only
20.0	Supplying and fixing of following rating, 240/415 V, 10 kA, "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.							
20.1	5A to 32A SPMCB	Item24	50.00	Each	INR	125.00	6250.00	INR Six Thousand Two Hundred & Fifty Only
20.2	5A to 32A DP MCB	Item25	2.00	Each	INR	350.00	700.00	INR Seven Hundred Only
20.3	40A TPN MCB	Item26	2.00	Each	INR	600.00	1200.00	INR One Thousand Two Hundred Only
20.4	63A DP MCB	Item27	2.00	Each	INR	750.00	1500.00	INR One Thousand Five Hundred Only
21.0	Supplying and fixing TPN sheet steel enclosure on surface/ recess along with 63 A 415 V "C" curve TPN MCB complete with connections, testing and commissioning etc. as required.	Item28	2.00	Each	INR	850.00	1700.00	INR One Thousand Seven Hundred Only
22.0	Supply of 1 x 18-20W LED fitting with G13 lamp holder including retrofit batten type LED tube light, with minimum glare. It has a system level luminaire efficacy of not less than 100 lm/W. CCT 5700K, suitable for indoor applications complete as per technical specifications.	Item29	30.00	Each	INR	550.00	16500.00	INR Sixteen Thousand Five Hundred Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
23.0	Supply of 10W LED Bulkhead luminaire with Vandal resistant Polycarbonate diffuser having system efficacy of luminaire not less than 110 lm/W, CCT from 5700K, complete with driver and other accessories suitable for residential applications complete as per the technical specifications. (Similar to Havells CAT No. HEXAFT10WLED or equivalent)	Item30	2.00	Each	INR	675.00	1350.00	INR One Thousand Three Hundred & Fifty Only
24.0	Installation ,Testing, Commissioning of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS/CFL/LED lamps per fitting, complete with all accessories including connections etc. as required.	Item31	32.00	Each	INR	200.00	6400.00	INR Six Thousand Four Hundred Only
25.0	Supply of 90 W LED street light fitting having system efficacy of not less than 110 lumens per watt, CCT 5700K, Complete with electronic driver and accessories etc, suitable for outdoor applications complete as per technical specifications. (Similar to Havells CAT No. ENDURA PEARL PLUS SL90W or equivalent).	Item32	8.00	Each	INR	3200.00	25600.00	INR Twenty Five Thousand Six Hundred Only
26.0	Installation ,Testing, Commissioning of streetlight by providing suitable shape and size wall mounted bracket complete with all accessories including connections etc. as required.	Item33	8.00	Each	INR	350.00	2800.00	INR Two Thousand Eight Hundred Only
27.0	Supply of 1 Phase, 1.5 TR Highwall split AC of 5 star rating Inverter type Air-conditioners along with high wall type indoor unit suitable to operate from 230±10%, 50 Hz, 1 phase power supply (along with necessary wiring from nearest power source to the required outdoor and indoor units) having high EER Compressor with Indoor & Outdoor Copper coil refrigeration having aluminum fins firmly bonded to copper tubes assembled in zinc coated steel frame with Eco friendly R-32 or equivalent Refrigeration Gas alongwith copper conductor PVC insulated PVC sheathed multicore power cable from indoor to outdoor unit (i/c 3 mtr copper refrigerant pipe). The indoor unit should have real time clock, operating facility from cordless remote, along with time and temperature display. Outdoor unit to be installed as Directed by Engineer-in-Charge. The Cooling Capacity of the machine shall be 5000 W / 17100 BTU/Hr (Minimum).	Item34	12.00	Each	INR	32000.00	384000.00	INR Three Lakh Eighty Four Thousand Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
28.0	ITC of the 1.5 TR split type Air-conditioners along with Outdoor and Indoor unit suitable to operate on 1 Phase Power supply. Indoor of the AC are to fixed on frangible wall by the providing separate suitable size GI Stips on on both sides of the wall for support or other arrangement as per the site requirement and instruction of the EIC.	Item35	12.00	Each	INR	3000.00	36000.00	INR Thirty Six Thousand Only
29.0	Supply and fixing of Table type AC outdoor stand of suitable size made of MS angle/ frame as per site requirement etc. for installation of outdoor compressor units as per direction of Engineer-in-Charge. The	Item36	12.00	Each	INR	2500.00	30000.00	INR Thirty Thousand Only
30.0	Supply and fixing of extra copper refrigerant piping complete with suction / liquid line, insulation (i.e. cunifoam with neoprene / rubber lining), and all the accessories i/c Control Cable as per site requirement as directed by Engineer-in-Charge including additional gas charging as required. (a) Suitable for 1.5 TR Highwall Split Inverter AC along with its Control Cable	Item37	10.00	Mtr.	INR	900.00	9000.00	INR Nine Thousand Only
31.0	Supply and laying of 25 mm dia cotton braided PVC pipe to be used for drainage of condensate from indoor units to the nearest drain-port as directed by Engineer-in-Charge.	Item38	15.00	Mtr.	INR	1200.00	18000.00	INR Eighteen Thousand Only
32.0	Supply installation testing and commissioning of the timer for auto/manual operation of the Air Conditions upto 2Tr. The Timer shall have provision for 02 nos. of AC as input and 01 no. as output with provision for switching of ACs as per the user requirement in the time interval of 4/6/12 Hr.	Item39	6.00	Each	INR	2200.00	13200.00	INR Thirteen Thousand Two Hundred Only
33.0	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Item40	12.00	Each	INR	1200.00	14400.00	INR Fourteen Thousand Four Hundred Only
34.0	Supply and fixing of PVC adaptable trunking system of size 100/105mm x 50 mm with suitable covers on top, internal & external angle, flat angle, flat junction, angled junction, joints, end caps, plate junction, clip etc as per site condition complete as required.	Item41	30.00	Mtr.	INR	900.00	27000.00	INR Twenty Seven Thousand Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
35.0	Supply and laying of 2c x 1.5 Sq. mm. XLPE insulated PVC sheathed armoured Copper conductor cable of grade 1.1 KV, confirming to IS 7098 Part-I with upto date amendments etc. complete as required on surface .	Item42	60.00	Mtr.	INR	55.00	3300.00	INR Three Thousand Three Hundred Only
36.0	Supply and laying of 4c x 1.5 Sq. mm. XLPE insulated PVC sheathed armoured Copper conductor cable of grade 1.1 KV, confirming to IS 7098 Part-I with upto date amendments etc. complete as required on surface .	Item43	16.00	Mtr.	INR	95.00	1520.00	INR One Thousand Five Hundred & Twenty Only
37.0	SITC of IP based Addressable type Fire Alarm control panel of minimum 2 loops (each Loop card having capacity to accommodate minimum 99 detectors and 99 modules)with the following facilities like 80 character display unit, power supply unit, built in battery charger, including 24 Volts sealed maintenance free lead acid batteries for 02 hours backup, Auto dialer facility with 20 nos. dialer, web server PCB for IP connectivity etc. complete as required.	Item48	2.00	Job	INR	135000.00	270000.00	INR Two Lakh Seventy Thousand Only
38.0	Supply, Installation, Testing & commissioning of UL / EN listed (latest version) intelligent addressable multi criteria detector (Smoke + heat) (Base Included) with inbuilt fault isolator / isolator base and with unique optical sensing chamber, visible LED, fully coated circuit board, superior RF / Transient protection suitable for 2 wires loop connection, complete with plug into common separate base & housing constructed of LEXAN (or polycarbonate) complete with connections etc. as required and to be installed below / above false ceiling roof and concealed space and as per enclosed specifications ,complete as required. (Cost of plug in common base shall deemed to be included in cost of detectors)	Item49	8.00	Each	INR	3500.00	28000.00	INR Twenty Eight Thousand Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
39.0	Supply, Installation, Testing & commissioning of UL / EN listed (latest version) intelligent addressable Manual call station (Resettable pull / push type) suitable for semi flush mounting, IP 54 for indoor use & IP 65 for outdoor use with inbuilt fault isolator / isolator module with double gang outlet box, equipment for key operated test-reset lock, electronic or rotary switches for address setting. Manual pull station shall be connected with two wire to SLC loop of Fire Control Panel. Cover shall be made out of LEXAN (or poly carbonate equivalent) with clear operating instruction and the word Fire appearing on the front complete with connections etc. as required and as per enclosed specifications.	Item50	2.00	Each	INR	4500.00	9000.00	INR Nine Thousand Only
40.0	Supply, installation, testing and commissioning of UL / EN listed (latest version) loop powered addressable Hooter-cum-strobe with inbuilt fault isolator / isolator module with adjustable sound level in the range of min. 90 db to Max. 120 db at 1M distance complete with termination etc. as required and as per enclosed specification.	Item51	2.00	Each	INR	6000.00	12000.00	INR Twelve Thousand Only
41.0	Providing 15mm thick cement plaster of mix 1:4 (1 cement : 4 fine sand) at all levels finished with a floating coat of neat cement.	Item52	20.00	Sq.m	INR	325.00	6500.00	INR Six Thousand Five Hundred Only
42.0	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation etc including form work etc as required.	Item53	15.00	Cum	INR	7000.00	105000.00	INR One Lakh Five Thousand Only
43.0	Excavation and refilling in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metres.	Item54	15.00	Cum	INR	150.00	2250.00	INR Two Thousand Two Hundred & Fifty Only
44.0	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Item55	10.00	Cum	INR	1500.00	15000.00	INR Fifteen Thousand Only

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Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
45.0	Supply and fixing of Polycarbonate Loop-in Loop out box, IP-66, UV Ray protected, dust proof, water tight, acid resistant, corrosion proof, insulated and shock proof, fire retardent, self extinguishing, Halogen & Silica free, Non-Toxic material with polyurethane internally embedded gasket, suitable for wall/outdoor mounted type, cable entry - bottom suitable for 4C X 16 /25 Sq mm i/c (i) 24 hrs Digital Timer with switch for automatic switching On & OFF of in Auto ON, Auto OFF, Auto ON and By Pass mode - 01 No. (ii) 3P Contactor 16A with 01 no. NO contact. (iii) 10A SP MCB - 1 Nos.	Item 56	2.00	Each	INR	5500.00	11000.00	INR Eleven Thousand Only
Total in Figures							2185955.00	INR Twenty One Lakh Eighty Five Thousand Nine Hundred & Fifty Five Only
Quoted Rate in Words		INR Twenty One Lakh Eighty Five Thousand Nine Hundred & Fifty Five Only						

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Sahosh
Dam (A/E)
28/08/2023

