



संदर्भ सं.: भाविप्रा/प.क्षे./व.प्र (इंजी-विद्युत)/कांडला/एमडब्ल्यू-01/2020-21/
Ref. No: AAI/WR/SM (E-E)/Kandla/MW-01/2019-20/

दिनांक: 25.08.2020

Date: 25.08.2020

सेवा में/ To,
मेसर्स एस.एन. इलेक्ट्रिकल्स /
M/s. S. N. Electricals,
सी-17, सी ब्लॉक अपर ग्राउंड फ्लोर, कम्युनिटी सेंटर /
C-17, C Block, Upper Ground Floor, Community Center,
जनक पुरी नई दिल्ली-100 058/Janak Puri, New Delhi-100 058.

विषय/ Sub: ऑपरेशन अँड मेंटेनन्स कॉन्ट्रैक्ट ऑफ ई अँड एम इन्स्टॉलेशन्स इन्क्लुडिंग सप्लाय ऑफ स्पेअर्स फॉर
डे टू डे मेंटेनन्स अँट सी.ए. कांडला फॉर द इयर 2020-22 ।
Operation and Maintenance Contract of E&M installations i/c Supply of Spares for day to
day maintenance at C.A. Kandla for the year 2020-22.

संदर्भ: 1) आपकी ई-निविदा नं. 2019_AAI_47718_1 दिनांक 17.08.2020 को खोला गया ।
Your e-tender id. 2019_AAI_47718_1 opened on Dated 17.08.2020.

महोदय,/ Dear Sir(s),

1. उल्लेखित कार्य हेतु आपकी ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत की जाती है, आपके द्वारा बताए गये मद मूल्यों पर आपकी ई-निविदा राशि कुल **रु. 70,93,114.00 (रुपए सत्तर लाख तिरानवे हजार एक सौ चौदह मात्र) + जीएसटी** है, जो कि उचित लागत राशि **रु.84,43,995/-** से **16 % नीचे** है। एजन्सी द्वारा वैध टैक्स इन्वाइस प्रस्तुत करने पर जीएसटी अदा किया जाएगा। गुजरात राज्य के लिए जीएसटी क्र. GSTIN:-24AAACA6412D1ZE है।

Your e-tender for the work mentioned above is hereby accepted on behalf of The Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs.70,93,114.00 (Rupees Seventy Lakhs Ninety Three Thousand One Hundred Fourteen only) + GST** which is **16% Below** the Justified cost of **Rs.84,43,995/-**. GST will be paid against valid Tax invoice from the agency. For Gujarat state AAI GST no. is GSTIN:24AAACA6412D1ZE

2. वरिष्ठ प्रबंधक (इंजी-विद्युत), भाविप्रा, प.क्षे., क्षेत्रीय मुख्यालय, विलेपार्ले (पूर्व), मुंबई-400099, कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आपकी ओर से एक विश्वसनीय प्रतिनिधी प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **07.09.2020** तक वरिष्ठ प्रबंधक (इंजी-विद्युत), भाविप्रा, परिचालन कार्यालय भवन, न्यु एअरपोर्ट कालोनी, विलेपार्ले (पूर्व), मुंबई-400099 के कार्यालय में उपस्थित हो तथा करारनामे को पुरा करें। ठेके का करारनामा रु. 100/- के नॉनजुडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा स्टैम्प पेपर का खर्च आपके द्वारा उठाया जाएगा।

SM (ENGG. - ELECT.), RHQ (WR), Vile Parle (E), Mumbai - 400 099 shall be the Engineer-In-Charge of this work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office to the SM (ENGG- ELECT.), RHQ (WR), Operational office building, New Airport Colony, Vile Parle (E), Mumbai-400 099 by **07.09.2020** 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 stamp paper shall be borne by you.



अनवरत शीट /Continuation Sheet

3. चूंकि आप एमएसएमई पंजीकृत फर्म हैं, इसलिए एनआईटी के सर्त के अनुसार आपको ई.एम.डी.राशि जमा न करने की रियायत मंजूर किया गया है। कृपया **रु. 7,09,311.00 (रुपये सात लाख नौ हजार तीन सौ ग्यारह मात्र)** प्रतिभूति जमा के रूप में यह पत्र जारी करने के तारीख बाद 10 दिन के अंदर जमा कीजिये। जमा करने की असफलता में वह राशि बिल से ठेके की शर्तों के अनुसार काट दी जायेगी।

Being MSME registered firm, your earnest money exemption claim has been accepted as per NIT criteria. Please deposit **Rs.7,09,311.00 (Rupees Seven Lakh Nine Thousand Three Hundred and Eleven only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your bill as per contract conditions.

4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम (नियम तथा उन्मुलन) 1971 के केन्द्रीय नियम श्रम नियम (नियमन तथा उन्मुलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with provision of contract labour (Regulation and Abolition Act 1970 and contract labour Regulation & Abolition) Central rule 1971 and minimum wages Act & rules thereof central and state Govt.

5. आपको यह निर्देश दिया जाता है कि आप कनिष्ठ कार्यपालक (इंजी-विद्युत), कांडला हवाईअड्डा से संपर्क करें जो आपको साईट सौंपने की व्यवस्था करेंगे।

You are directed to contact Jr.Exe. (E-E), Kandla Airport immediately who will arrange to handover the site.

6. कृपया नोट कर लें कि काम करने का अनुमानित समय 24 (चौबिस) माह है जोकि दिनांक 01.09.2020 से गिना जाएगा।
Please note that the time allowed for carrying out the complete work is **24 (Twenty Four) months**, which shall be reckoned **from 01.09.2020**

7. इस ठेके के संबंध में आगे का कोईभी पत्राचार वरिष्ठ प्रबंधक (इंजी-विद्युत), भाविप्रा, प.क्ष., क्षेत्रीय मुख्यालय, एकीकृत प्रचालन कार्यालय भवन, विलेपार्ले (पुर्व), मुंबई-400099 के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to SM (E-E), RHQ (WR), Integrated Operational office building, Vile Parle (E), Mumbai - 400099.

8. कृपया पावती भेजें तथा इस आदेश की दोहरी प्रति आपके हस्ताक्षर के पश्चात इस कार्यालय में भेजें जो कि स्वीकृती टोकन समझा जाएगा।

Please acknowledge the receipt and return the duplicate copy of this order enclosed herewith after signing to the undersigned as a token of acceptance.

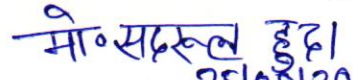
यदि अंग्रेजी और हिंदी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।

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

धन्यवाद/ Thanking You,

Encl: 1. SOQ

भवदीय / Yours faithfully,


25/08/2020
(मो. सदरुल हुदा) / (Md. Sadruul Huda)

वरिष्ठ प्रबंधक (इंजी-विद्युत),

Sr. Manager (Engg.-Elect.)

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

For and on behalf of Chairman, Airports Authority of India

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Item Rate BoQ

Tender Inviting Authority: Sr. Manager (E-E)

Name of Work: "Operation & Maintenance contract for the E & M Installations i/c supply of spares for day to day maintenance at C.A. Kandla for the year 2020-22"

Contract No: 2020_AAI_47718_1

Name of the Bidder/ Bidding Firm / Company :	M/s S.N EELCTRICALS-NEW DELHI-110058					
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 #		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	2	4	5	13	53	55
1	Annual Periodical Maintenance of Electrical & Mechanical Installations including Operation & Maintenance of Electrical & Mechanical Installations at Terminal Building,power House & other ancillary buildings, AAI residential colony including operation of DG sets, pumps, Operation and maintenance of all GLF system comprising runway edge,taxiways,apron edge lighting,approach lighting,PAPI system,CCR panels and apron high mast lighting and minor repairing as per specification & conditions attached to provide uninterrupted power supply and deputing manpower round the clock in three shifts/General shift including attending to complaints/faults/breakdowns ensuring serviceability, satisfactory working condition of the system,preventive maintenance,upkeeping maintenance records/documentation etc.,on all working days including Sundays and holidays and also as & when required basis etc as required.	24.00	Month	227000.00	5448000.00	INR Fifty Four Lakh Forty Eight Thousand Only
2	Annual Comprehensive maintenance contract including repair/replacement of all parts of voltas/LG/Lloyd/Hitachi/Carrier make A/c units at different locations in Airport premises complete as required as per site requirement for following capacity & following type (Each one Set/Job per month).					
2.1	1.5 Ton Split type (1-Ø,50Hz) (21 Nos.X 24 months = 504 jobs.)	504.00	Job	150.00	75600.00	INR Seventy Five Thousand Six Hundred Only
2.2	1.5 Ton Window type (1-Ø,50Hz) (1 Nos. X 24 months = 24 jobs.)	24.00	Job	150.00	3600.00	INR Three Thousand Six Hundred Only
2.3	2 Ton Split type (1-Ø,50Hz) (21 Nos.X 24 months = 504 jobs.)	504.00	Job	200.00	100800.00	INR One Lakh Eight Hundred Only
2.4	2 Ton Cassette type (1-Ø,50Hz) (2 nos. X 24 months = 48 jobs.)	48.00	Job	350.00	16800.00	INR Sixteen Thousand Eight Hundred Only
2.5	2.5 Ton Tower type (1-Ø,50Hz) (4 nos. X 24 months = 96 jobs.)	96.00	Job	350.00	33600.00	INR Thirty Three Thousand Six Hundred Only
3	Annual comprehensive maintenance contract including repair/replacement of all parts for Voltas/Usha make water Cooler at different locations in airport premises complete as per site requirement for following capacity & make (Each one Set/Job per month).					
3.1	40/80 ltrs water Cooler (Voltas make) (7 Nos. x 24 months= 168 JOB)	168.00	Job	450.00	75600.00	INR Seventy Five Thousand Six Hundred Only
3.2	60/120 ltrs water Cooler (Usha make) (2 Nos. x 16 months= 32 JOB)	32.00	Job	500.00	16000.00	INR Sixteen Thousand Only

NUMBER #		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	2	4	5	13	53	55
4	Annual Comprehensive maintenance contract including consumable items and all spare parts i/c. membrane etc. of ION-Exchange/Kent/ORG make RO unit at different locations in airport premises complete as per site requirement for following capacity & make (Each Job per month)					
4.1	25 LPH RO unit (make-ION-Exchange/Kent/ORG) (7 Nos. x 24 months = 168 JOB)	168.00	Job	300.00	50400.00	INR Fifty Thousand Four Hundred Only
4.2	50 LPH RO unit (make-ORG, Model-Green) (2 Nos. x 16 months = 32 JOB)	32.00	Job	450.00	14400.00	INR Fourteen Thousand Four Hundred Only
5	Dismantling, Shifting & Reinstallation of 1.5 / 2.0 / 2.5 Ton Capacity of Voltas/LG/Lloyd/Hitachi/Carrier make Airconditioner unit in airport premises (Job i/c piping work upto 2 feet, Gas charging etc complete as required).	8.00	Job	1000.00	8000.00	INR Eight Thousand Only
6	Servicing, repairing, rewinding and replacement of defective part like bearings, bushing etc. and also transporting from site to contractors workshop & back to site, testing and commissioning etc. complete as per site requirement for the following motors (Dismantle material belongs to Contractor)					
6.1	Ceiling Fan/Wall Fan (1-Phase, 50Hz, 240V AC)	25.00	Job	150.00	3750.00	INR Three Thousand Seven Hundred & Fifty Only
6.2	Exhaust fan Up to 450 mm (1-Phase, 50Hz,240V AC)	10.00	Job	150.00	1500.00	INR One Thousand Five Hundred Only
6.3	3 HP/ 2.2 KW pump motor sets (3-Phase, 50Hz,415V AC)	2.00	Job	150.00	300.00	INR Three Hundred Only
7	Servicing, repairing and replacement of defective part like Relay, PCB etc. of Electronic voltage stabilizer for AC units including transportation from site to contractor's workshop & back to site. (Dismantle Material belongs to contractor).	10.00	Job	250.00	2500.00	INR Two Thousand Five Hundred Only
8	Calibration of CCR & Sensitivity of relay on 4 KW to 20 KW CCR of NASU make CCR including submitting reports etc., complete as required.	20.00	Job	5000.00	100000.00	INR One Lakh Only
9	Calibration of PAPI Clinometer etc. complete as required.	4.00	Job	10000.00	40000.00	INR Forty Thousand Only
10	Inspection, servicing, setting, testing, adjustment, calibration and submission of calibration certificate of following instruments including minor repairs etc. Complete as per site requirement.					
10.1	Electronic IDMT Relay (Make:L&T MRP 11)	4.00	Job	500.00	2000.00	INR Two Thousand Only
10.2	Voltmeter Digital suitable for AC supply.	24.00	Job	500.00	12000.00	INR Twelve Thousand Only
10.3	Ammeter Digital suitable for AC supply.	28.00	Job	500.00	14000.00	INR Fourteen Thousand Only
10.4	Digital Power Factor (Cos Ø) Meter	16.00	Job	500.00	8000.00	INR Eight Thousand Only
11	Supply & filling of NOVEC™1230, HFC gas in the existing seamless storage cylinder of capacity 80kg including removal of cylinder from site and transportation to the same to refilling station and re-intallation of cylinder at site etc. complete as required as per site requirement.	1.00	Job	85000.00	85000.00	INR Eighty Five Thousand Only
12	Painting of perimeter light poles (of diameter 9 cm. and height not more than 1.40 meter, with single arm of diameter 4.8 cm and length not more than 0.35 meter) with aluminium paint of (2 coats) of approved brand and manufacturer, along with one coat of primer, including cleaning the surface as required. Painting of each pole will be treated as one job.	355.00	Job	100.00	35500.00	INR Thirty Five Thousand Five Hundred Only

NUMBER #		NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
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1	2	4	5	13	53	55
13	Decoration of Terminal building facia with LED serial lighting and RGB pattern lighting on special occasions/nationally important days/festivals as per the requirements shown below - (i) Minimum no. of LED serial lighting - not less than 5000 LED lights. (ii) Pixel Chaser light batten running linearly on the top of the building, ATC tower, entry gate walls for a length of not more than 350 m. (iii) Halogen focus lights (Green or Yellow) for trees around terminal building - 10 Nos. Type of Decoration will be as per the theme of occasions and upto the statisfaction of the Engineer In-charge/Airport Director.					
13.1	Independence day /Republic day / AAI foundation day / Christmas / New Year (Starting from 18.00 hrs. on the Day before the Occasions to till 06.00 hrs on the day after the Occasions) Each occasion in an year shall be treated as one Job.	8.00	Job	20000.00	160000.00	INR One Lakh Sixty Thousand Only
13.2	Diwali (Four days - Starting from 18.00 hrs. before 02 Days of Diwali, Diwali day, Gujarati New year day and Bhai dhooj day, till 06.00 hrs on day after Bhai dhooj day) Each occasion in an year shall be treated as one Job.	2.00	Job	20000.00	40000.00	INR Forty Thousand Only
14	Execution of Complete items of CPWD Delhi schedule of rates (E&M) 2018.[Up to a Ceiling limit of Rs. 80,000 without GST]. The materials used for executing the DSR items shall be as per the approved make list of AAI, as enclosed with the tender document.	80000.00	Excess (+)	0.00%	80000.00	INR Eighty Thousand Only
15	Supply of 1.5 sq. mm (Single Core FRLS) copper conductor PVC insulated flexible, heat resistant flame retardant low smoke (FRLS) grade wires suitable for domestic and industrial purpose.	800.00	Mtr	8.00	6400.00	INR Six Thousand Four Hundred Only
16	Supply of 2.5 sq. mm (Single Core FRLS) copper conductor PVC insulated flexible, heat resistant flame retardant low smoke (FRLS) grade wires suitable for domestic and industrial purpose.	300.00	Mtr	12.80	3840.00	INR Three Thousand Eight Hundred & Forty Only
17	Supply of 4 sq. mm (Single Core FRLS) copper conductor PVC insulated flexible, heat resistant flame retardant low smoke (FRLS) grade wires suitable for domestic and industrial purpose.	400.00	Mtr	20.00	8000.00	INR Eight Thousand Only
18	Supply of stranded copper conductor PVC insulated flexible PVC sheathed of 3C x 4 sq.mm Copper Cable	100.00	Mtr	78.52	7852.00	INR Seven Thousand Eight Hundred & Fifty Two Only
19	Supply of 5/6 Amp one way modular Switch suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	40.00	Each	35.00	1400.00	INR One Thousand Four Hundred Only
20	Supply of 15/16 Amp one way modular Switch suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	15.00	Each	85.00	1275.00	INR One Thousand Two Hundred & Seventy Five Only
21	Supply of 3 pin 5/6 A Modular socket outlet shuttered suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	10.00	Each	45.00	450.00	INR Four Hundred & Fifty Only
22	Supply of 6 pin 15/16 A modular socket outlet shuttered suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	15.00	Each	85.00	1275.00	INR One Thousand Two Hundred & Seventy Five Only
23	Supply of Supply of 5/6 Amp one way Switch suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	100.00	Each	35.00	3500.00	INR Three Thousand Five Hundred Only
24	Supply of Supply of 15/16 Amp one way Piano type switch suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	25.00	Each	85.00	2125.00	INR Two Thousand One Hundred & Twenty Five Only
25	Supply of 3 pin 5/6 A socket outlet suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	50.00	Each	45.00	2250.00	INR Two Thousand Two Hundred & Fifty Only
26	Supply of 6 pin 15/16 A socket outlet suitable for 230 Volt, 50 Hz single phase AC supply etc. as required	20.00	Each	85.00	1700.00	INR One Thousand Seven Hundred Only
27	supply of 1 module piono type rotary step Electronic Fan regulator (make-Anchor, Model No.-14501 or equivalent)	50.00	Each	180.00	9000.00	INR Nine Thousand Only

NUMBER #		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	2	4	5	13	53	55
28	Supply of ceiling fan regulators stepped type electronic fan regulator suitable to operate on 120/280 V, 50 Hz single phase AC supply. (2 Module Modular type)	10.00	Each	275.00	2750.00	INR Two Thousand Seven Hundred & Fifty Only
29	Supply of ISI marked PVC casing and capping of size 25X12 mm	200.00	Mtr	25.00	5000.00	INR Five Thousand Only
30	Supply of ISI marked PVC casing and capping of Size 20 X 12 mm	200.00	Mtr	35.00	7000.00	INR Seven Thousand Only
31	Supply of ISI marked 20 mm sizes of medium class PVC conduit pipe	200.00	Mtr	45.00	9000.00	INR Nine Thousand Only
32	Supply of ISI marked 25 mm sizes of medium class PVC conduit pipe	200.00	Mtr	55.00	11000.00	INR Eleven Thousand Only
33	Supply of 3 Module (100mmX75mm) Modular G.I. box	15.00	Each	30.00	450.00	INR Four Hundred & Fifty Only
34	Supply of 6 Module (200mmX75mm) Modular G.I. box	5.00	Each	65.00	325.00	INR Three Hundred & Twenty Five Only
35	Supply of 8 Module (125mmX125mm) Modular G.I. box	10.00	Each	80.00	800.00	INR Eight Hundred Only
36	Supply of 12 Module (200mmX150mm) Modular G.I. box	5.00	Each	85.00	425.00	INR Four Hundred & Twenty Five Only
37	Supply of 3 Module size Modular base & cover plate	20.00	Each	110.00	2200.00	INR Two Thousand Two Hundred Only
38	Supply of 6 Module size Modular base & cover plate	8.00	Each	115.00	920.00	INR Nine Hundred & Twenty Only
39	Supply of 8 Module size Modular base & cover plate	15.00	Each	125.00	1875.00	INR One Thousand Eight Hundred & Seventy Five Only
40	Supply of 12 Module size Modular base & cover plate	5.00	Each	135.00	675.00	INR Six Hundred & Seventy Five Only
41	Supply of surface mounting modular PVC box for modular base & cover plate of size 3 Module	5.00	Each	65.00	325.00	INR Three Hundred & Twenty Five Only
42	Supply of surface mounting modular PVC box for modular base & cover plate of size 6 Module	3.00	Each	70.00	210.00	INR Two Hundred & Ten Only
43	supply of surface mounting modular PVC box for modular base & cover plate of size 8 Module	5.00	Each	70.00	350.00	INR Three Hundred & Fifty Only
44	Supply of modular blanking plate for the existing modular plate & switch b	30.00	Each	5.00	150.00	INR One Hundred & Fifty Only
45	Supply of PVC switch board boxes complete as required of size 4X4 inch	10.00	Each	15.00	150.00	INR One Hundred & Fifty Only
46	Supply of PVC switch board boxes complete as required of size 4X7 inch	10.00	Each	15.00	150.00	INR One Hundred & Fifty Only
47	Supply of PVC switch board boxes complete as required of 6X8 inc	10.00	Each	15.00	150.00	INR One Hundred & Fifty Only
48	Supply of PVC switch board boxes complete as required of size 8 X 10 inch	10.00	Each	15.00	150.00	INR One Hundred & Fifty Only
49	Supply of 25 Amp rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA.	12.00	Each	1450.00	17400.00	INR Seventeen Thousand Four Hundred Only
50	Supply of 40 A rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA	4.00	Each	1570.00	6280.00	INR Six Thousand Two Hundred & Eighty Only
51	Supply of 63 A rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA	10.00	Each	1860.00	18600.00	INR Eighteen Thousand Six Hundred Only
52	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required SP MCB 5-32 AMP, 10KA (C series) rating	50.00	Each	110.00	5500.00	INR Five Thousand Five Hundred Only

NUMBER #		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	2	4	5	13	53	55
53	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required DP MCB 20 AMP,10KA (C series) rating	8.00	Each	348.00	2784.00	INR Two Thousand Seven Hundred & Eighty Four Only
54	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required DP MCB 32 AMP,10KA (C series) rating	6.00	Each	348.00	2088.00	INR Two Thousand & Eighty Eight Only
55	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required DP MCB 40 AMP,10KA (C series) rating	6.00	Each	560.00	3360.00	INR Three Thousand Three Hundred & Sixty Only
56	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required DP MCB 63 AMP,10KA (C series) rating	4.00	Each	560.00	2240.00	INR Two Thousand Two Hundred & Forty Only
57	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required FP MCB 32 AMP,10KA (C series) rating	5.00	Each	768.00	3840.00	INR Three Thousand Eight Hundred & Forty Only
58	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required FP MCB 40 AMP,10KA (C series) rating	10.00	Each	1100.00	11000.00	INR Eleven Thousand Only
59	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required FP MCB 63 AMP,10KA (C series) rating	10.00	Each	1100.00	11000.00	INR Eleven Thousand Only
60	Supply of AC MCB having fixed time/current characteristics for use on 240 V / 415 V 50 Hz, AC supply etc. as required FP MCB 100 AMP,10KA (C series) rating	4.00	Each	3500.00	14000.00	INR Fourteen Thousand Only
61	Supply of 4 Pole, 400 Amp current rating Power Contactor (Make-L&T, Model-MCX 43	1.00	Each	22850.00	22850.00	INR Twenty Two Thousand Eight Hundred & Fifty Only
62	Supplying of 6 Way, double door single pole and neutral, sheet steel, MCB distribution board, 240 V, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar with acrylic door etc. as required.	2.00	Each	1100.00	2200.00	INR Two Thousand Two Hundred Only
63	Supplying of 8 Way, double door single pole and neutral, sheet steel, MCB distribution board, 240 V, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar with acrylic door etc. as required.	1.00	Each	850.00	850.00	INR Eight Hundred & Fifty Only
64	Supplying of 12 way , double door single pole and neutral, sheet steel, MCB distribution board, 240 V, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar with acrylic door etc. as required.	1.00	Each	1300.00	1300.00	INR One Thousand Three Hundred Only
65	Supply of HT insulation tape roll of size 19mmX 0.9mm of length not less then 9 Mtr	3.00	Each	250.00	750.00	INR Seven Hundred & Fifty Only
66	Supply of LT insulation tape roll of colour red,green,blue and black of length not less then 9 Mtr per roll	20.00	Each	3.00	60.00	INR Sixty Only
67	Supply of loop in loop out box for Perimeter light poles (Hensel make) including suitable connector with terminal and DIN rail for mounting of MCBs/connectors, making interconnections as required i/c suitable clamp for fixing.	100.00	Each	300.00	30000.00	INR Thirty Thousand Only
68	Supply of 3 pin, 6 A ISI mark plug top suitable to operate 230 V, 50 Hz AC supply	15.00	Each	41.00	615.00	INR Six Hundred & Fifteen Only
69	Supply of 3 pin, 16 A ISI mark plug top suitable to operate 230 V, 50 Hz AC supply	15.00	Each	61.00	915.00	INR Nine Hundred & Fifteen Only
70	Supply of Call bell remote controlled suitable for 230V, 50 Hz single phase AC supply.	2.00	Each	180.00	360.00	INR Three Hundred & Sixty Only
71	Supply of Multi function Meter (make-conzerv, Model No-EM 6436)	5.00	Each	3500.00	17500.00	INR Seventeen Thousand Five Hundred Only
72	Supply of 6 SWG dia G.I. Wire for loop earthing	200.00	Mtr	20.00	4000.00	INR Four Thousand Only

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1	2	4	5	13	53	55
73	Supply of 6A, Angle holder as per Cat. No. 39527 of Anchor make or Equivalent approved make .	20.00	Each	15.00	300.00	INR Three Hundred Only
74	Supply of 6A Ceiling rose as per Cat. No. 39040 of Anchor make or Equivalent approved make .	30.00	Each	10.00	300.00	INR Three Hundred Only
75	Supply of 9 W LED bulb suitable for operation on 230 V, 50Hz, AC AC supply complete etc as required. (Make: Havells, Code: LHLDEUHEML8R009 or Equivalent)	20.00	Each	85.00	1700.00	INR One Thousand Seven Hundred Only
76	Supply Of 200 W 6.6 A bipin runway halogen lamp	50.00	Each	650.00	32500.00	INR Thirty Two Thousand Five Hundred Only
77	Supply Of Lamp holder for runway/taxiway halogen lamps	50.00	Each	150.00	7500.00	INR Seven Thousand Five Hundred Only
78	Supply of Clear lens suitable for AMA MK-III PAPI Unit (Make- AMA)	6.00	Each	1500.00	9000.00	INR Nine Thousand Only
79	Supply of Red filter suitable for AMA MK-III PAPI Unit (Make- AMA)	6.00	Each	1500.00	9000.00	INR Nine Thousand Only
80	Supply of Aluminium Reflector suitable for AMA MK-III PAPI Unit (Make- AMA)	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
81	Supply of Air Filter suitable for AMA MK-III PAPI Unit (Make- AMA)	8.00	Each	1500.00	12000.00	INR Twelve Thousand Only
82	Supply of Upper Breakable Coupling (Upper Breakable Point + Upper Leg Plate) suitable for AMA MK-III PAPI Unit (Make- AMA)	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
83	Supply of Lower breakable coupling for AMA make PAPI	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
84	Supply of Upper leg pipe (LH threaded) for AMA make PAPI	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
85	Supply of Lower Leg Pipe for AMA make PAPI	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
86	Supply of Locking Nut for upper pipe (RH threaded) for AMA make PAPI	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
87	Supply of Locking Nut for lower pipe(LH threaded) for AMA make PAPI	12.00	Each	1500.00	18000.00	INR Eighteen Thousand Only
88	Supply of Threaded adjustment sleeves (Middle Nut) for AMA make PAPI	10.00	Each	1500.00	15000.00	INR Fifteen Thousand Only
89	Supply of TDS meter	1.00	Each	1000.00	1000.00	INR One Thousand Only
90	Supply of Digital Clamp Meter/ Tongtester suitable for DC/AC/TRMS (Make-Meco, Model-1080-TRMS)	1.00	Each	2000.00	2000.00	INR Two Thousand Only
91	Supply of Digital Insulation Tester with DC test voltage-500 V, 0-200 M ohms Range, and Resolution-0.1 M ohms (Make Meco, Model-DIT 99C)	1.00	Each	1850.00	1850.00	INR One Thousand Eight Hundred & Fifty Only
92	Supply of Earth Tester set	1.00	Each	1850.00	1850.00	INR One Thousand Eight Hundred & Fifty Only
93	Supply of driver for existing LED signage board Suitable to operate inbuilt dual circuit having variable current 2.8 A to 6.6 Amp with auto changeover facility. The driver should be able to drive LED strips of 0.5 Watts Osram LED's assembled on aluminium PCB of size 700mm X 20mm and having 11 LED's per PCB for boards. from 5 strips to 20 strips.	10.00	Each	2250.00	22500.00	INR Twenty Two Thousand Five Hundred Only

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1	2	4	5	13	53	55
94	Supply of LED strip with high luminous long life typically 50,000 hrs type, 0.5 watts Osram LED's assembled on aluminum PCB of size 700mm X 20mm X 2mm and having 11 LED's per PCB for boards. (make- Poshdecor) At one end single non-reversible jack to be provided for easy replacement of LED without tools at site.	100.00	Each	1100.00	110000.00	INR One Lakh Ten Thousand Only
95	Supply of loop wire with non-reversible male jack of length 1 Mtr each for LED strips.	25.00	Each	450.00	11250.00	INR Eleven Thousand Two Hundred & Fifty Only
96	Supply of 1000 W Halogen Lamp for High mast	10.00	Each	40.00	400.00	INR Four Hundred Only
97	Supply of 12 V, 180 Ah SMF lead acid batteries for DG Set	2.00	Each	14500.00	29000.00	INR Twenty Nine Thousand Only
Total in Figures					7093114.00	INR Seventy Lakh Ninety Three Thousand One Hundred & Fourteen Only
Quoted Rate in Words		INR Seventy Lakh Ninety Three Thousand One Hundred & Fourteen Only				