



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Speed Post

संख्या: भा.वि.प्रा./एस.ए.पी./एजीएम(वि.-वि.)/डाटा सेंटर/डब्ल्यू ओ-129/2021-22/ दिनांक: 20.04.2021
Ref. No. AAI/SAP/AGM(E-E)/Data Centre/W.O-129/2021-22/2497- Date 20/04/2021
सेवा में, 2504

मै. लियो एयर एंड पावर सॉल्यूशन
प्राइवेट लिमिटेड, 13/29 तीसरी
मंजिल, पूर्वी पटेल नगर,
नई दिल्ली-110008

M/s Leo Air & Power Solution Pvt.
Ltd., 13/29, 3rd Floor, East Patel
Nagar, New Delhi - 110008,

विषय: आईएनए और एसएपी/ओल्ड एरिया में विविध इलेक्ट्रिकल वर्क्स। एसएच: सफदरजंग हवाई अड्डे नई दिल्ली में मौजूदा भूमि प्रबंधन कार्यालय के प्रथम मंजिल का नवीकरण और डाटा सेंटर में एलटी पैनल का प्रावधान।
Subject: Misc. Electricals Works at INA & SAP/ Old Area. SH: Provision of LT Panel for Data Center at Safdarjung Airport, New Delhi.

संदर्भ i) आपकी खोली गई ई-निविदा दिनांक 05.04.2021. (Bid Invitation No. 2021_AAI_71866).
Ref: Your e-bid opened on 05.04.2021.

महोदय,

1. उपरोक्त कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए आइटम मूल्यों पर आपका टेंडर कुल ₹ 24,98,854/- (मात्र चौबीस लाख अठानवे हजार आठ सौ चौवन रुपये) है जो कि अनुमानित लागत राशि ₹ 32,94,660/- से 24.15% कम है (जी.एस.टी. को छोड़कर)।

Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 24,98,854.00 (Rupees Twenty Four Lakhs Ninety Eight Thousand Eight Hundred and Fifty Four Only) which is 24.15% below from the estimated cost put to tender of Rs. 32,94,660/- (excluding of GST).

2. सहायक महा प्रबंधक अभियांत्रिकी (विद्युत), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली 110003, इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 05.05.2021 तक सहायक महाप्रबंधक (अभि.-वि.), भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली-110003 के कार्यालय में उपस्थित हों। संविदा करार Rs. 100/- (मात्र सौ रुपये) के न्यायिकेतर (नॉन-जुडिशियल) स्टॉप पेपर पर बनाया जाएगा तथा स्टॉप पेपर की लागत आपके द्वारा वहन की जाएगी।

Asstt. Gen. Manager Engg (Electrical), Safdarjung Airport, New Delhi, shall be the Engineer-in-charge of the work. You are requested to attend the office of the Asstt. G.M. Engg (Elect), AAI, Safdarjung Airport, New Delhi by 05.05.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Rupees one hundred only) and the cost of the stamp paper shall be borne by you.

[Handwritten Signature]
20/4/21
AGM (EE)

3. कृपया इस पत्र के जारी होने की तिथि से 30 दिनों के भीतर शेष प्रतिभूति जमा के रूप में रु 2,49,885/- (मात्र दो लाख उन्नचास हजार आठ सौ पचासी रुपये) जमा करें अन्यथा इस राशि की कटौती संविदा कागजात के पृष्ठ जी सी सी- 16 पर जी सी सी के खण्ड- 1A के अनुसार आपके चालू बिलों से कर ली जाएगी।
Please deposit Rs. 2,49,885/- (Rupees Two Lakh Forty Nine Thousand Eight Hundred and Eighty Five Only) towards security deposit within 30 days from the date of issue of this letter failing which, the same will be deducted as per condition GCC clause no.- 1A at page no. GCC- 16 of the contract document.
4. आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और केन्द्रीय व राज्य सरकारों के तदसंबंधी नियमों का अनुपालन करें।
You are requested to comply with the provision of contract labour (Regulation & abolition) Act of 1970 and contract labour (Regulation & Abolition) Central Rules 1971 and minimum wages Act and Rules there of Central and state Govt.
5. आपको प्रबंधक (विधुत) भारतीय विमानपत्तन प्राधिकरण, सफदरजंग हवाई अड्डा, नई दिल्ली से तत्काल संपर्क करने का भी निर्देश दिया जाता है। आपको कार्यस्थल (साइट) सौंपने का कार्य उनके द्वारा ही किया जाएगा।
You are also directed to contact Manager (Engg.-E), Airports Authority of India, Safdarjung Airport, New Delhi, immediately who will arrange to hand over the site to you.
6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको 04 महीने (चार) महीने, का समय प्रदान किया जाता है। जोकि दिनांक **01.05.2021** से प्रारम्भ माना जाएगा।
Please note that the time allowed for carrying out the work shall be 04 (Four) months and same shall be reckoned from **01.05.2021**.
7. ई-निविदा में उठाए गए सभी प्रश्न, स्पष्टीकरण इत्यादि तथा उनका भा.वि.प्रा द्वारा दिया गया उत्तर भी अनुबंध का भाग होगा।
All queries, clarifications etc. raised during e-tendering process and replies thereof shall also form part of the agreement.
8. संविदा के सम्बन्ध में भविष्य में किसी भी प्रकार का पत्र व्यवहार इंजीनियर-प्रभारी के नाम से किया जाएगा।
Any further correspondence in connection with the contract should be addressed to the Engineer In-Charge.


26/4/21
HGM (EE)

9. कृपया पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप विधिवत् हस्ताक्षर करके हमें वापस भेजें।
Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.
10. ठेके की त्रुटि दायित्व अवधि बारह महीने है जोकि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is 12 (Twelve) Months after actual date of completion.
11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।
In case of any discrepancy, English version will be taken as correct.

भवदीय

Yours faithfully



(अशोक कुमार) / (Ashok Kumar)

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

संलग्न: शडयूल ऑफ कुएंन्टिटीज
Encl: Schedule of Quantities

Validate

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Item Rate BoQ

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

Name of Work: Misc. Electricals Works at INA & SAP/ Old Area. SH: Provision of LT Panel for Data Center at Safdarjung Airport, New Delhi.

Contract No: AA/SAP/AGM(E-E)/Data Centre/2020-21

Name of the Bidder/
Bidding Firm / M/s Leo Air and Power Solution Pvt Ltd., 13/29, 3rd Floor, East Patel Nagar, New Delhi - 110008

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 #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words	TEXT #
1	2	4	5	13	53	55	
1	Design, manufacture supply, installation, testing and commissioning of Type tested Assembly(TTA) LT Panel indoor type, made of 2 mm thick sheet steel for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 42, free standing, floor mounting, dust and vermin proof, outdoor, compartmentalised, including cleaning & finishing complete with powder coating, suitable for operation on 3 Phase and neutral, 415v, 50 Hz AC system with high conductivity Four Pole Aluminium bus bars of suitable capacity with heat shrinkable coloured sleeves and i/c DMC/SMC busbars supports at required intervals, entire panel shall have a common copper earth bar of size 25mm x 5mm at the rear with 2 nos. earth stud, control wiring with 2.5 sq.mm. PVC insulated copper conductor, cable alley, cable gland plates in two half, and base frame of suitable size including providing and installation of following items and as per technical specification:						
1.01	(A) INCOMER (i) 2 Nos. MCCB, 400A, 35 kA, Four Pole , with thermal magnetic adjustable release having adjustable over Current, adjustable Short Circuit, (Ics=Icu) along with Direct Rotary handle and spreader link. (ii) 2 nos. Digital Voltmeter of suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with suitable no. of 2 Amp. SP MCBs. (iii) 2 Set Indication Lamps, LED type, R,Y,B and breaker 'ON', 'OFF' lamps each with 2 Amp. SP MCB. (iv) 96 mm sq. Flush pattern Digital Type Ammeter of suitable range (to measure 0-400A), for 3 phase 4 wire operation with LED display and selector switch with 3 numbrers suitable range CTs. of class 1.0 accuracy, 15 VA burden - 2 sets. B. Busbar:- 500 Amps, 415 V, Four Pole Aluminium Busbars with Heat shrinkable color coded insulation sleeves.						

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words	TEXT #
1	2	4	5	13	53	55	
1.02	(B) Outgoing (i) 08 Nos. MCCB, 100A, 35 kA, Four Pole , with thermal magnetic release having adjustable over Current, adjustable Short Circuit Fault Protection. (lcs=lcu) along with Direct Rotary handle and spreader link. (ii) 02 Nos. MCCB, 250A, 35 kA, Four Pole , with thermal magnetic release having adjustable over Current, adjustable Short Circuit Fault Protection. (lcs=lcu) along with Direct Rotary handle and spreader link. Note: Incoming Breaker shall be electrically and mechanically interlocked with suitable accessories & all breaking capacity shall be lcu = lcs as per specifications	2,000	Job	308151.00	616302.00	INR Six Lakh Sixteen Thousand Three Hundred & Two Only	
2	Design, manufacture supply, installation, testing and commissioning of Out Door Type Double Door LT Feeder Pillar, made of 2 mm thick sheet steel for frame work and covers, 3mm thick for gland plates, totally enclosed, IP 54, free standing, floor mounting, dust and vermin proof, outdoor, including cleaning & finishing complete with powder coating, suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC system with high conductivity TPN Aluminium bus bars of suitable capacity with heat shrinkable coloured sleeves and i/c DMC/SMC busbars supports at required intervals, panel shall have a copper earth bar of size 25mm x 5mm at the rear with 2 nos. earth stud, control wiring with 2.5 sq.mm. PVC insulated copper conductor, cable alley, cable gland plates in two half, and supply & fixing of angle iron stand made out of 50x50x6 mm of suitable size, supply & installation of following items and as per technical specification:						
2.01	(A) INCOMER (i) 1 Nos. 800A, 50 kA, Four Pole Fixed type Air Circuit Breaker (ACB) with Microprocessor release having adjustable over Current and adjustable Short Circuit. (ii) 1 nos. Digital Voltmeter of suitable range for 3 phase, 4 wire operation with LED display and built-in selector switch along with suitable no. of 2 Amp. SP MCBs. (iii) 1 Set Indication Lamps, LED type, R,Y,B and breaker 'ON', 'OFF' lamps each with 2 Amp. SP MCB. (iv) 96 mm sq. Flush pattern Digital Type Ammeter of suitable range (to measure 0-800A), for 3 phase 4 wire operation with LED display and selector switch with 3 numbrers suitable range CTs. of class 1.0 accuracy, 15 VA burden - 1 set.	1,000	Job	166181.00	166181.00	INR One Lakh Sixty Six Thousand One Hundred & Eighty One Only	
3	Providing and fixing of 125 Amp, 4 Pole, Automatic Transfer Switch (ATS) in sheet steel enclosure and terminal spreaders including cable end box on both sides (height of each end box shall be 300mm), making connections, etc. as required. Make : Havells, Cat. No. IHTCDE125 or equivalent as per approved make list.	6,000	Each	35021.00	210126.00	INR Two Lakh Ten Thousand One Hundred & Twenty Six Only	
4	Supply of following sizes of 1.1kv grade multicore XLPE insulated PVC sheathed armoured cable (as per IS : 7098:1988 with upto date amendments) complete as required as per specifications.						
4.01	3.5C X 185 sq. mm (Aluminium Conductor)	200,000	Meter	664.00	132800.00	INR One Lakh Thirty Two Thousand Eight Hundred Only	

[Handwritten Signature]
14/07/24
H. M. G. S.

NUMBER #	TEXT #	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words
Sl. No.	Item Description					
1	2	4	5	13	53	55
4.02	3.5C X 95 sq. mm (Aluminium Conductor)	200.000	Meter	362.00	72400.00	INR Seventy Two Thousand Four Hundred Only
4.03	3.5C X 35 sq. mm (Aluminium Conductor)	400.000	Meter	166.00	66400.00	INR Sixty Six Thousand Four Hundred Only
5	Supply & installation of following size prefabricated hot dip galvanized steel ladder type cable trays with coupler, (galvanisation not less than 50 microns) fabricated out of hot rolled sheet steel with rigid welded construction with a rung as per standard and specifications, of approved make and cable tray fittings, including G.I. bolts & nuts, all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge.					
5.01	600 mm wide (Runners 20 x 75 x 20 x 2 .5mm and Rungs 20 x 30 x 20 x 2.5mm 250 mm centre to center.)	50.000	Meter	1080.00	54000.00	INR Fifty Four Thousand Only
5.02	450 mm wide (Runners 15 x 75 x 15 x 2.0 mm and Rungs 15 x 30 x 15 x 2.0 mm 250 mm centre to center.)	50.000	Meter	752.00	37600.00	INR Thirty Seven Thousand Six Hundred Only
6	Supply & installation of following size prefabricated hot dip galvanized steel cover for ladder type cable trays, (galvanisation not less than 50 microns) fabricated out of hot rolled sheet steel including G.I. bolts & nuts, all labour and materials, as per approved drawings, specifications of this tender and directions of Engineer-in-charge.					
6.01	605 mm wide x 15mm x 1.5 mm thick	40.000	Meter	1134.00	45360.00	INR Forty Five Thousand Three Hundred & Sixty Only
6.02	455 mm wide x 15mm x 1.5 mm thick	40.000	Meter	893.00	35720.00	INR Thirty Five Thousand Seven Hundred & Twenty Only
7	Supplying and installing following size of Ladder type Hot Dipped Galvanised steel cable tray "bends" (galvanisation not less than 50 microns) fabricated out of hot rolled sheet steel with rigid welded construction with a rung as per standard and specifications, in convenient sections, joined with connectors, including G.I. bolts & nuts, etc. as required.					
7.01	600 mm wide (Runners 20 x 75 x 20 x 2 .5mm and Rungs 20 x 30 x 20 x 2.5mm 250 mm centre to center.)	4.000	Each	1929.00	7716.00	INR Seven Thousand Seven Hundred & Sixteen Only
7.02	450 mm wide (Runners 15 x 75 x 15 x 2.0 mm and Rungs 15 x 30 x 15 x 2.0 mm 250 mm centre to center.)	4.000	Each	1274.00	5096.00	INR Five Thousand & Ninety Six Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
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1	2	4	5	13	53	55			
8	Supplying and installing following size of Ladder type Hot Dipped Galvanised steel cable tray "Tee" (galvanisation not less than 50 microns) fabricated out of hot rolled sheet steel with rigid welded construction with a rung as per standard and specifications, in convenient sections, joined with connectors, including G.I. bolts & nuts, etc. as required.								
8.01	600 mm wide (Runners 20 x 75 x 20 x 2.5mm and Rungs 20 x 30 x 20 x 2.5mm 250 mm centre to center.)	2.000	Each	2836.00	5672.00	INR Five Thousand Six Hundred & Seventy Two Only			
8.02	450 mm wide (Runners 15 x 75 x 15 x 2.0 mm and Rungs 15 x 30 x 15 x 2.0 mm 250 mm centre to center.)	2.000	Each	1854.00	3708.00	INR Three Thousand Seven Hundred & Eight Only			
9	Supplying and installing following size of Ladder type Hot Dipped Galvanised steel cable tray "Cross member" (galvanisation not less than 50 microns) fabricated out of hot rolled sheet steel with rigid welded construction with a rung as per standard and specifications, in convenient sections, joined with connectors, including G.I. bolts & nuts, etc. as required.								
9.01	600 mm wide (Runners 20 x 75 x 20 x 2.5mm and Rungs 20 x 30 x 20 x 2.5mm 250 mm centre to center.)	1.000	Each	3744.00	3744.00	INR Three Thousand Seven Hundred & Forty Four Only			
9.02	450 mm wide (Runners 15 x 75 x 15 x 2.0 mm and Rungs 15 x 30 x 15 x 2.0 mm 250 mm centre to center.)	1.000	Each	2433.00	2433.00	INR Two Thousand Four Hundred & Thirty Three Only			
10	Supplying and installing following size of Ladder type Hot Dipped Galvanised steel cable tray "Reducer" (galvanisation not less than 50 microns) fabricated out of hot rolled sheet steel with rigid welded construction with a rung as per standard and specifications, in convenient sections, joined with connectors, including G.I. bolts & nuts, etc. as required.								
10.01	600 mm wide (Runners 20 x 75 x 20 x 2.5mm and Rungs 20 x 30 x 20 x 2.5mm 250 mm centre to center.)	1.000	Each	1747.00	1747.00	INR One Thousand Seven Hundred & Forty Seven Only			
10.02	450 mm wide (Runners 15 x 75 x 15 x 2.0 mm and Rungs 15 x 30 x 15 x 2.0 mm 250 mm centre to center.)	1.000	Each	1158.00	1158.00	INR One Thousand One Hundred & Fifty Eight Only			
11	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, sand cushioning, protective covering and refilling the trench etc. as required.								
11.01	Upto 35 sq. mm	10.000	Meter	250.00	2500.00	INR Two Thousand Five Hundred Only			
11.02	Above 35 sq. mm and upto 95 sq. mm	10.000	Meter	250.00	2500.00	INR Two Thousand Five Hundred Only			
11.03	Above 95 sq. mm and upto 185 sq. mm	10.000	Meter	300.00	3000.00	INR Three Thousand Only			

[Signature]
24/01/2024
AGM (EE)

NUMBER #	TEXT #	Item Description	NUMBER #	TEXT #	NUMBER #	NUMBER #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.			Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words			
1	2		4	5	13	53	55			
12		Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc. as required.								
12.01		Upto 35 sq. mm	10,000	Meter	200.00	2000.00	INR Two Thousand Only			
12.02		Above 35 sq. mm and upto 95 sq. mm	10,000	Meter	250.00	2500.00	INR Two Thousand Five Hundred Only			
12.03		Above 95 sq. mm and upto 185 sq. mm	10,000	Meter	300.00	3000.00	INR Three Thousand Only			
13		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 pipe as required.								
13.01		Upto 35 sq. mm	10,000	Meter	80.00	800.00	INR Eight Hundred Only			
13.02		Above 35 sq. mm and upto 95 sq. mm	10,000	Meter	100.00	1000.00	INR One Thousand Only			
13.03		Above 95 sq. mm and upto 185 sq. mm	80,000	Meter	150.00	12000.00	INR Twelve Thousand Only			
14		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.								
14.01		Upto 35 sq. mm (clamped with 1mm thick saddle)	10,000	Meter	80.00	800.00	INR Eight Hundred Only			
14.02		Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	10,000	Meter	100.00	1000.00	INR One Thousand Only			
14.03		Above 95 sq. mm and upto 185 sq. mm (clamped with 40x3mm MS flat clamp)	50,000	Meter	150.00	7500.00	INR Seven Thousand Five Hundred Only			
15		Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on cable tray as required.								
15.01		Upto 35 sq. mm (clamped with 1mm thick saddle)	300,000	Meter	100.00	30000.00	INR Thirty Thousand Only			
15.02		Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	100,000	Meter	150.00	15000.00	INR Fifteen Thousand Only			
15.03		Above 95 sq. mm and upto 185 sq. mm (clamped with 40x3mm MS flat clamp)	80,000	Meter	250.00	20000.00	INR Twenty Thousand Only			
16		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.								
16.01		3.5 C X 35 sq. mm (32mm)	24,000	Each	300.00	7200.00	INR Seven Thousand Two Hundred Only			

[Handwritten Signature]
20/11/21
A Gm 681

NUMBER #	Sl. No.	TEXT # Item Description	NUMBER # Quantity	TEXT # Units	NUMBER # BASIC RATE In Figures To be entered by the Bidder Rs. P	NUMBER # TOTAL AMOUNT in Figure Rs. P	TEXT # TOTAL AMOUNT In Words
1	16.02	2 3.5 C X 95 sq. mm (45 mm)	4 10,000	5 Each	13 500.00	53 5000.00	55 INR Five Thousand Only
	16.03	3.5 C X 185 sq. mm (57mm)	8,000	Each	850.00	6800.00	INR Six Thousand Eight Hundred Only
17		Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required					
17.01		3.5 C X 35 sq. mm	5,000	Each	500.00	2500.00	INR Two Thousand Five Hundred Only
17.02		3.5 C X 95 sq. mm	2,000	Each	650.00	1300.00	INR One Thousand Three Hundred Only
18		Supplying and installing of horizontal/ vertical double mounting Electrically Operated Siren of 1 HP suitable for operating on single phase 230V $\pm$ 10% AC, 50Hz. The audible range of Siren shall be 3.25 Km. and including wiring, connection etc. complete as required.	1,000	Each	9220.00	9220.00	INR Nine Thousand Two Hundred & Twenty Only
19		Supply, Installation, testing and commissioning of 240 kA 3 phase 4 wire Digital Portable Low Impedance equipment Grounding & bonding system with built in 100% Lightning and Surges suppressor, static charge, Noises, ESD, EPR and abnormal electrical characteristics eliminator which enter from power and other service lines and ensuring clear bonding potential (earth to Neutral voltage) less than 1.0V, a digital 6 digit lightning surge counter, self health visual status indicator and ON-LINE remote monitoring facility of Earth-Neutral voltage in a Pre-wired pulverulent body painted metal enclosure to be connected in parallel to the power supply circuit, Conforming to IEC, CE Marked, CPRI tested & ISO 9000 & ISO 14001- 2015 certified for Data Centre Panel. Model: DS-Prime-MII-3P4-240	2,000	Each	238050.00	476100.00	INR Four Lakh Seventy Six Thousand One Hundred Only
20		Providing and making advance maintenance free chemical earthing pits using required qty of ISO GEL or equivalent chemical to enhance earth bonding improving compound using advanced chemical earth electrode of copper tube/rod of 80 mm dia & 3 mtrs length including earth pit chamber with lockable cover including excavation & re-filling etc as required.	2,000	Each	31338.00	62676.00	INR Sixty Two Thousand Six Hundred & Seventy Six Only
21		Design, manufacture supply, installation, testing and commissioning of operating panel panel of above siren, made of 2 mm thick sheet steel wall mounting, powder coated, painting, suitable for operation on Single Phase and neutral, 230V, 50 Hz AC system with supply & installation of following items and as per technical specification:- (i) 01 No. 20 A, DP MCB, 10 KA (ii) 01 no. Digital Analog Timer Switch Suitable for ON/ OFF Siren. (iii) 01 no. Power Contactor AC-3 Duty, 20 Amps	1,000	Job	7579.00	7579.00	INR Seven Thousand Five Hundred & Seventy Nine Only

(Signature)
29/07/24
A/m (CE)

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 in Figure Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
22	Supply of Aluminium Economical Telescopic wheeled ladder with closed height of 16 ft. and extendendable upto 28 Ft., aluminium Zig-Zag type channel section of size 75 x 35 x 3.5mm and upper corner thickness 6.8 mm with Aluminium steps of dia 26 mm corrugated tubing. Fitted with safety ring and platform on the top with pushing handle and side railing, complete as required at site. (Make: Sumer & co. or equivalents as per approval of Engineer-In-Charge). (All raw materials will be used as per IS: 733-1983).	1.000	Each	31941.00	31941.00	INR Thirty One Thousand Nine Hundred & Forty One Only
23	Providing & Fixing of MS frame for laying of cable tray, fabricated out of MS angle including welding cutting etc as per site requirement and instruction of EIC. The entire framework shall be duly primer coated and painted and complete as required.	1000.000	Kg	90.00	90000.00	INR Ninety Thousand Only
24	Providing and fixing of 250 Amp, 4 Pole, Automatic Transfer Switch (ATS) in sheet steel enclosure and terminal spreaders including cable end box on both sides (height of each end box shall be 450mm), making connections, etc. as required. Make : Havells, Cat. No. IHYFCDE250.	2.000	Each	59147.00	118294.00	INR One Lakh Eighteen Thousand Two Hundred & Ninety Four Only
25	Supplying and laying of 90 mm dia (OD-90 mm & ID-76 mm nominal) size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required.	100.000	Meter	210.00	21000.00	INR Twenty One Thousand Only
26	Excavation for foundation 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.	6.000	Cum	300.00	1800.00	INR One Thousand Eight Hundred Only
27	Providing and laying in position reinforced cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc including form work etc as required (excluding reinforcement).	6.000	Cum	4000.00	24000.00	INR Twenty Four Thousand Only
28	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required	150.000	Meter	110.00	16500.00	INR Sixteen Thousand Five Hundred Only
29	Wiring for Group 'C' 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 steel 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.	15.000	Point	742.00	11130.00	INR Eleven Thousand One Hundred & Thirty Only
30	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	50.000	Meter	209.00	10450.00	INR Ten Thousand Four Hundred & Fifty Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Figure Rs. P	TOTAL AMOUNT In Words	TEXT #		
1	2	4	5	13	53	55			
31	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	20.000	Meter	353.00	7060.00	INR Seven Thousand & Sixty Only			
32	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.								
32.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	20.000	Meter	140.00	2800.00	INR Two Thousand Eight Hundred Only			
33	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch type, connection etc. as required.	4.000	Each	365.00	1460.00	INR One Thousand Four Hundred & Sixty Only			
34	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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)								
34.01	4 way (4 + 12), Double door	1.000	Each	2476.00	2476.00	INR Two Thousand Four Hundred & Seventy Six Only			
35	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 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.								
35.01	Single pole	12.000	Each	133.00	1596.00	INR One Thousand Five Hundred & Ninety Six Only			
36	Supplying and fixing following rating four pole, (three phase and neutral), 415 volts, residual current breaker with overcurrent protection (RCBO), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
36.01	40A, RCBO	1.000	Each	3443.00	3443.00	INR Three Thousand Four Hundred & Forty Three Only			
37	Supply & Fixing of 300 mm sweep exhaust fan, 900 rpm, metal body heavy duty, suitable for 230V, single phase, including louvre for the protection with all the accessories as required. Make: Havells Model No.: Turbo Force SP or equivalent.	2.000	Each	2383.00	4766.00	INR Four Thousand Seven Hundred & Sixty Six Only			
Total in Figures					2498854.00	INR Twenty Four Lakh Ninety Eight Thousand Eight Hundred & Ninety Eight Thousand Eight Hundred & Fifty Four Only			
Quoted Rate in Words		INR Twenty Four Lakh Ninety Eight Thousand Eight Hundred & Fifty Four Only							