



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं.:/Ref. No. AAI/HYD/ENGG (E)/CW-01/2023-24/ 3130

दिनांक /Date: 12.04.2023

स्पीड पोस्ट / ई-मेल BY SPEED POST/E-MAIL

सेवा में/To,
सर्वश्री सीपी मोन्चस्टर इलेक्ट्रिकल्स,
M/s. C.P Moncherster Electricals,
डी 60, ब्रिन्दावन नगर, सिविल,
D 60, Brindavan Nagar, Civil,
हवाई अड्डा पोस्ट, कोयम्बटूर,
Aerodrome post, Coimbatore,
तमिलनाडु - 641014.
Tamil Nadu - 641014.

ई-मेल / E-mail Id: cpmonchesterele@gmail.com

कार्य का नाम:- हैदराबाद हवाई अड्डा, बेगम्पेट में मौजूदा आरजीटी और एनटीआर टर्मिनल बिल्डिंग में 10 पीएएस (प्रक्रियात्मक दृष्टिकोण और क्षेत्र सिमुलेटर) और संबद्ध सुविधाओं का आवास। उपशीर्ष: इलेक्ट्रिकल कार्य का प्रावधान
Name of Work : Housing of 10 No's of PAAS (Procedural Approach and Area Simulator) and allied facilities in the existing RGT and NTR Terminal Buildings at Hyderabad Airport, Begumpet. SH: Provision of Electrical Works.

संदर्भ / Ref. 1. बोली आमंत्रण सं. 2022_भाविप्रा_137591_1 दिनांक. 09.12.2022

Bid Invitation No. 2022_AAI_137591_1 Dt: 09.12.2022

2. आपकी ई-निविदा (आवरण-II वित्तीय बोली) खुलने की तिथि 18.01.2023

Your E-tender (Envelope-II -Financial bid) opened on 18.01.2023

महोदय / Dear Sir(s),

1. यथोक्त कार्य के लिए आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत मद दरों पर कुल रु. 53,84,675/- (रुपये केवल तिरपन लाख चौरासी हजार छह सौ पचहत्तर मात्र) जीएसटी को छोड़कर जो रुपये की उचित लागत से 27.96% कम है। 74,75,446.00 जीएसटी को छोड़कर।

Your 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. 53,84,675/- (Rupees Fifty Three Lakhs Eighty Four Thousand Six Hundred and Seventy Five Only) excluding GST which is 27.96% below the Justified cost of Rs. 74,75,446.00 excluding GST.

2. संयुक्त महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, हैदराबाद हवाई अड्डा, बेगम्पेट, कार्य के लिए प्रभारी अभियंता होंगे। आप से अनुरोध है कि आप अनुबंध पर हस्ताक्षर करने और अनुबंध को पूरा करने के लिए। दिनांक 22.04.2023 तक संयुक्त महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, हैदराबाद अंतरराष्ट्रीय हवाई अड्डा, बेगम्पेट, कार्यालय में उपस्थित होने का कष्ट करें। अनुबंध करार 100/- रुपये (केवल एक सौ रुपये) के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

The Jt. General Manager (Engg-E), AAI, Hyderabad International Airport, Begumpet, shall be the Engineer-in-Charge for the work. You are requested to attend the office of the Jt. General Manager (Engg-E), AAI, Begumpet Airport, Hyderabad - 500 016 by 22.04.2023 to sign and complete contract agreement. The contract agreement shall be

O/o Jt. General Manager (E-E) Airports Authority of India, Hyderabad International Airport,

Begumpet, Hyderabad - 500016. Phone: 040-27907639 Email: elect_hyd@aai.aero

संयुक्त महाप्रबंधक (विद्युत विभाग) / Joint General Manager (Elec)

भारतीय विमानपत्तन प्राधिकरण / Airport Authority of India

बेगम्पेट विमानक्षेत्र / Begumpet Airport

हैदराबाद-500016 / Hyderabad-500016

executed on a non-judicial stamp paper of value Rs.100/- (Rupees One hundred only) and the cost of the stamp papers shall be borne by you.

3. अनुबंध खंड के संख्या 1 ए के खंड जीसीसी के अनुसार, कृपया 5,38,467.00 (रुपये पांच लाख अड़तीस हजार चार सौ सड़सठ मात्र) इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा जमा के रूप में जमा करें। ऐसा न करने पर अनुबंध दस्तावेजों की शर्त के अनुसार आपके चालू बिल से काट लिया जाएगा। As per the Clause No.1A of GCC, Please Deposit Rs. 5,38,467.00 (Rupees Five Lakh Thirty Eight Thousand Four Hundred and Sixty Seven Only) towards Security Deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bill as per condition of contract documents.
4. आपसे अनुरोध है कि संविदा श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और संविदा श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम तथा केंद्र और राज्य सरकारों के नियमों के प्रावधानों का पालन करें। You are requested to comply with the provisions of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules there of Central and State Governments.
5. आपको सहायक महाप्रबंधक (अभियांत्रिकी-विद्युत), भाविप्रा, हैदराबाद अंतरराष्ट्रीय हवाई अड्डा, बेगमपेट, से तुरंत संपर्क करने के लिए भी निर्देशित किया जाता है। जो आपको साइट सौंपने की व्यवस्था करेंगे। You are also directed to contact Asst. General Manager (Engg-Elect), AAI, Hyderabad International Airport, Begumpet immediately who will arrange to hand over the site to you.
6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत निर्धारित समय-सीमा **04 (चार)** माह है और इसे कार्य आदेश जारी होने के 10 वें दिन से गिना जाएगा। Please note that the time allowed for carrying out the work shall be **04 (Four)** months and same shall be reckoned from 10th day after issue of work order.
7. अनुबंध के संबंध में पत्राचार सामान्य रूप से प्रभारी अभियंता को संबोधित किया जाना चाहिए। Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
8. कृपया पावती दें और साथ में संलग्न इस पत्र की डुप्लीकेट प्रति हस्ताक्षर करने के बाद अधोहस्ताक्षरी को स्वीकृति के प्रतीक के रूप में लौटा दें। 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.

सूचना: हिंदी अनुवाद में विसंगति होने के संदर्भ में अंग्रेजी पाठ को अधिकृत माना जाएगा।

Note: In case of discrepancy in Hindi translation the English version shall prevail.

अनुलग्नक/Encl: परिमाण-सूची Schedule of Quantities

भवदीय/Yours Faithfully,



संमप्रा (अभि-वि) Jt. General Manager (Engg-E),
कृते अध्यक्ष / For & On Behalf of The Chairman,
भारतीय विमानपत्तन प्राधिकरण Airports Authority of India,
भाविप्रा, हैदराबाद अंतरराष्ट्रीय हवाई अड्डा AAI, Hyderabad International Airport
बेगमपेट / Begumpet - 500 016

Validate Print Help

Item Rate BoQ

Tender Inviting Authority: The Asst.General Manager(Engg-E), AAI, Begumpet Airport.

Name of Work : Housing of 10 No's of PASS (Procedural Approach and Area Simulator) and allied facilities in the existing RGT and NTR Terminal Buildings at Hyderabad Airport, Begumpet. SH: Provision of Electrical Works

Contract No: 2022_AAI_137591_1

Name of the Bidder/ Bidding Firm / Company :	C P MONCHESTER ELECTRICALS					
<u>PRICE SCHEDULE</u> NOTE: In the event of no rate has been quoted for any item(s) leaving space (or) amount blank, it will be presumed that the contractor has included the cost of this / these item(s) in other items and rate for such item(s) will be considered as zero.						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE Ex GST In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Ex GST in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	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 (ISI marked), 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. (a) Group C	250	Point	720.00	180000.00	INR One Lakh Eighty Thousand Only
2	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 (ISI Marked), and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.	248	Point	720.00	178560.00	INR One Lakh Seventy Eight Thousand Five Hundred & Sixty Only
3	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 (ISI marked) as required					
3.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	300	Meter	90.00	27000.00	INR Twenty Seven Thousand Only

हरभजन सिंह / HARBHAJAN SINGH

सहायक निरीक्षक (विमानन) / Joint General Manager (Elec)



भारतीय विमानपत्तन प्राधिकरण / Airport Authority of India

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3.02	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	2777	Meter	105.00	291585.00	INR Two Lakh Ninety One Thousand Five Hundred & Eighty Five Only
3.03	2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire	2256	Meter	120.00	270720.00	INR Two Lakh Seventy Thousand Seven Hundred & Twenty Only
3.04	2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire	50	Meter	422.00	21100.00	INR Twenty One Thousand One Hundred Only
3.05	4 X 6.0 sq. mm + 2 X 6.0 sq. mm earth wire	50	Meter	700.00	35000.00	INR Thirty Five Thousand Only
4	Supplying and fixing of following sizes of medium class PVC conduit (ISI marked) along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
4.01	20 mm	300	Meter	90.00	27000.00	INR Twenty Seven Thousand Only
4.02	25 mm	300	Meter	120.00	36000.00	INR Thirty Six Thousand Only
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
5.01	5/6 A switch	292	Each	60.00	17520.00	INR Seventeen Thousand Five Hundred & Twenty Only
5.02	15/16 A Switch	83	Each	120.00	9960.00	INR Nine Thousand Nine Hundred & Sixty Only
5.03	3 pin 5/6 amps socket outlet	183	Each	90.00	16470.00	INR Sixteen Thousand Four Hundred & Seventy Only
5.04	10/13 A combi socket outlet	146	Each	120.00	17520.00	INR Seventeen Thousand Five Hundred & Twenty Only
5.05	3 pin 6/16 A twin socket outlet	114	Each	180.00	20520.00	INR Twenty Thousand Five Hundred & Twenty Only
6	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.					
6.01	1 or 2 Module	10	Each	180.00	1800.00	INR One Thousand Eight Hundred Only
6.02	3 Module	22	Each	200.00	4400.00	INR Four Thousand Four Hundred Only
6.03	6 Module	194	Each	300.00	58200.00	INR Fifty Eight Thousand Two Hundred Only
7	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required	10	Each	350.00	3500.00	INR Three Thousand Five Hundred Only
8	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	50	Each	60.00	3000.00	INR Three Thousand Only
9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required					
9.01	3 x 1.5 sq. mm	500	Meter	90.00	45000.00	INR Forty Five Thousand Only
9.02	3 x 2.5 sq. mm	500	Meter	120.00	60000.00	INR Sixty Thousand Only
9.03	3 x 4 sq. mm	500	Meter	153.00	76500.00	INR Seventy Six Thousand Five Hundred Only
10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required	50	Each	350.00	17500.00	INR Seventeen Thousand Five Hundred Only
11	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 A modular socket outlet and 15/16 A modular switch, connections etc. as required	50	Each	390.00	19500.00	INR Nineteen Thousand Five Hundred Only

हरभजन सिंह / HARBHAJAN SINGH
संयुक्त महाप्रबंधक (विद्युत विभाग) / Joint General Manager (Elec)
भारतीय विमानपत्तन प्राधिकरण / Airport Authority, of India
बेगम्पेट विमानक्षेत्र / Begumpet Airport
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12	Supplying and fixing 6-32 A, 415 V, SP MCB protected socket in sheet steel enclosure, on surface or in recess etc. complete with connections, testing and commissioning etc. as required.	24	Each	2700.00	64800.00	INR Sixty Four Thousand Eight Hundred Only
13	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required	2	Each	700.00	1400.00	INR One Thousand Four Hundred Only
14	Supplying and fixing of following ways surface/ recess mounting, following type, 230 V, IP43, IK-09 as per IEC 61439-03, distribution board of CRCA sheet steel, dust protected, duly powder painted, inclusive of all necessary bars with provision for following as required. (But without MCCB/MCB/RCCB/Isolator)					
14.01	08 way, Double door, Horizontal type with provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP/TP MCBs as outgoings as required	3	Each	12400.00	37200.00	INR Thirty Seven Thousand Two Hundred Only
14.02	12 way, Double door, Vertical type with provision for MCCB as Incomer and SP/TP MCBs as outgoings as required	3	Each	21000.00	63000.00	INR Sixty Three Thousand Only
15	Supplying and fixing of following capacity, 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					
15.01	6-32 A Single pole	144	Each	180.00	25920.00	INR Twenty Five Thousand Nine Hundred & Twenty Only
15.02	40 - 63 A Triple pole	12	Each	1200.00	14400.00	INR Fourteen Thousand Four Hundred Only
16	Supplying and fixing following rating, MCCB in the existing Vertical DB as an incomer complete with connections, testing and commissioning etc. as required.					
16.01	160A, minimum 36 KA FP MCCB	3	Each	9000.00	27000.00	INR Twenty Seven Thousand Only
17	Supplying and fixing following rating, Four Pole, 415 V MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
17.01	63 A	3	Each	3000.00	9000.00	INR Nine Thousand Only
18	Supplying and fixing sheet steel Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, CRCA sheet steel, MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc. as required.					
18.01	For 08 way, Double door TPN MCB DB	3	Each	3600.00	10800.00	INR Ten Thousand Eight Hundred Only
18.02	For 12 way, Double door VTPN MCB DB	3	Each	5400.00	16200.00	INR Sixteen Thousand Two Hundred Only
19	Supply of Heavy duty exhaust fan of 300 mm sweep, 1400 RPM suitable for operation on 230+/-10% V, 50Hz, single phase AC supply including etc. complete as required.	2	Each	4500.00	9000.00	INR Nine Thousand Only
20	Supply of 2 feet x 2 feet minimum 36 watts full open type LED light fittings suitable for recess mounting in false ceiling, complete accessories suitable to operate on 230V+/- 10%, 50Hz, single phase, AC power supply etc. as required	360	Each	1800.00	648000.00	INR Six Lakh Forty Eight Thousand Only

हरभजन सिंह / HARBHAJAN SINGH

संयुक्त महाप्रबंधक (विद्युत विभाग) / Joint General Manager (Elec)

भारतीय विमानपत्तन प्राधिकरण / Airport Authority of India

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21	Supply of minimum 15 watts downlighter LED light fittings suitable for recess mounting in false ceiling, complete with all accessories i/c driver suitable to operate on 230V+/- 10%, 50Hz, single phase, AC power supply as per technical specifications etc. as required	60	Each	720.00	43200.00	INR Forty Three Thousand Two Hundred Only
22	Installation ,Testing, Commissioning of above LED fittings of all sizes and shapes complete with all accessories including connections etc. as required.	420	Job	200.00	84000.00	INR Eighty Four Thousand Only
23	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	14	Each	7200.00	100800.00	INR One Lakh Eight Hundred Only
24	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required	100	Meter	160.00	16000.00	INR Sixteen Thousand Only
25	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/submain wiring/ cable as required.	3000	Meter	27.00	81000.00	INR Eighty One Thousand Only
26	Supplying and fixing of DLP-U/PVC trunking system of following size with all accessories including internal & external angles, junctions, cable ties, partition seperators, end caps and other required materials for fixing as per site requirement etc as required					
26.01	105 MM x 50 MM	200	Meter	720.00	144000.00	INR One Lakh Forty Four Thousand Only
27	Supplying and fixing following Clip-on supports with frame/cover plate which can be fitted side by side plate suitable for the above existing DLP U PVC trunking system etc. as required.					
27.01	4 modules	50	Job	350.00	17500.00	INR Seventeen Thousand Five Hundred Only
27.02	6 modules	50	Job	350.00	17500.00	INR Seventeen Thousand Five Hundred Only
28	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box provided on DLP U PVC trunking system including on connections but excluding modular plate etc. as required.					
28.01	6 A switch	100	Each	120.00	12000.00	INR Twelve Thousand Only
28.02	20 A switch	50	Each	160.00	8000.00	INR Eight Thousand Only
28.03	3 pin 10/13 A multi/universal socket outlet	100	Each	135.00	13500.00	INR Thirteen Thousand Five Hundred Only
28.04	3 pin 15/16 A twin socket outlet	50	Each	220.00	11000.00	INR Eleven Thousand Only
29	Supply of XLPE insulated, PVC sheathed aluminium conductor armoured power cable of 1.1KV grade conforming to IS 7098 (Part I) 1978 with upto date amendments etc as required for the following sizes.					
29.01	3.5 X 70 Sq.mm.	300	Meter	522.00	156600.00	INR One Lakh Fifty Six Thousand Six Hundred Only
29.02	4 X 25 Sq.mm.	300	Meter	270.00	81000.00	INR Eighty One Thousand Only
29.03	3.5 X 240 Sq.mm.	700	Meter	1080.00	756000.00	INR Seven Lakh Fifty Six Thousand Only

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30	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required					
30.01	Upto 35 sq. mm	20	Meter	45.00	900.00	INR Nine Hundred Only
30.02	Above 35 sq. mm and upto 95 sq. mm	20	Meter	45.00	900.00	INR Nine Hundred Only
30.03	Above 185 sq. mm and upto 400 sq. mm	80	Meter	120.00	9600.00	INR Nine Thousand Six Hundred Only
31	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					
31.01	Upto 35 sq. mm (clamped with 1mm thick saddle)	240	Meter	60.00	14400.00	INR Fourteen Thousand Four Hundred Only
31.02	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	240	Meter	70.00	16800.00	INR Sixteen Thousand Eight Hundred Only
31.03	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	170	Meter	140.00	23800.00	INR Twenty Three Thousand Eight Hundred Only
32	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.					
32.01	Upto 35 sq. mm (clamped with 1mm thick saddle)	40	Meter	60.00	2400.00	INR Two Thousand Four Hundred Only
32.02	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	40	Meter	70.00	2800.00	INR Two Thousand Eight Hundred Only
32.03	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	450	Meter	140.00	63000.00	INR Sixty Three Thousand Only
33	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.					
33.01	3.5 X 70 sq. mm	6	Set	1200.00	7200.00	INR Seven Thousand Two Hundred Only
33.02	4 X 25 sq. mm	6	Set	900.00	5400.00	INR Five Thousand Four Hundred Only
33.03	3.5 X 240 sq. mm	4	Set	2200.00	8800.00	INR Eight Thousand Eight Hundred Only
34	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with G.I. suspenders including G.I. bolts & nuts, etc. as required.					
34.01	150 mm width X 50 mm depth X 1.6 mm thickness	100	Mtr	450.00	45000.00	INR Forty Five Thousand Only
35	Providing and fixing following rating and breaking capacity and pole MCCB with adjustable over load setting and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.					
35.01	125 A, minimum 25KA, FP MCCB	2	Job	7000.00	14000.00	INR Fourteen Thousand Only
35.02	160 A, minimum 35KA, FP MCCB	2	Job	9000.00	18000.00	INR Eighteen Thousand Only
36	Providing and fixing following rating and breaking capacity and pole MCCB on any type of wall with suitable type metal enclosure including making connections, etc. as required.					

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36.01	250 A, minimum 35KA, FP MCCB with spreader links, Ics= 100% Icu	2	Job	16000.00	32000.00	INR Thirty Two Thousand Only
37	Supply, Installation, Testing and Commissioning of cubicle PTTA type indoor LT panel, IP42 suitable for 415V, 3 Phase, 4 wire 50 Hz supply system fabricated in compartmentalized modular design from CRCA sheet steel of 2 mm thick for frame work and covers, 3mm thick for gland plates i/c finishing complete with 9 tank process for powder coating in approved shade, having TPN Copper/Aluminum alloy bus bars for high conductivity, DMC/SMC bus bar supports, panel shall be extendable on both sides, entire panel shall have a common copper earth bar of suitable size with 2 No's. earth stud, solid / flexible connections from main bus bar to switchgears with required size of Cu/AL conductors / bus bars and control wiring with 2.5 sqmm PVC insulated copper conductor cable (FRLS), cable alleys, cable gland plates, i/c providing following switchgears / accessories as per specifications.					
37.01	Incoming : a) 250 Amps, 4 Pole, MCCB having 36 KA breaking capacity, adjustable thermal release range, Ics= 100% of Icu - 03 Nos. (2Nos Incomers + 1 Nos Bus Coupler). b) Castle key arrangement for inter locking of switches for incoming power supply. c) 1 Set extended Rotary handle and terminal extension spreaders for all the MCCBs to be provided d) Breaker ON indication LED light with back up/control SP MCB for each Incoming & Buscoupler to be provided e) Suitable type and capacity surge protection devices for incoming.					


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37.02	Metering : a) 0 -500volts, Digital type voltmeter with selector switches along with control fuses for each incomer b) 0 to 250amp Digital type Ammeter with selector switches for each incomer Outgoing : a) 160 Amps, 4 Pole, MCCB having 25 KA breaking capacity,adjustable thermal release range, lcs= 100% of Icu - 02 Nos b) 125 Amps, 4 Pole, MCCB having 25 KA breaking capacity,adjustable thermal release range, lcs= 100% of Icu - 06 Nos c) 1 Set extended Rotary handle and terminal extension spreaders for all the MCCBs to be provided d) Breaker ON and OFF indication LED light for each outgoing to be provided	2	Job	360000.00	720000.00	INR Seven Lakh Twenty Thousand Only
38	Supply and installation of following addressable fire alarm system items suitable for Honeywell Make, XLS3000 Model, 5 - Loop system installed at airport etc. complete with connections as required.					
38.01	Multi creteria detector complete with mounting base	56	Each	1800.00	100800.00	INR One Lakh Eight Hundred Only
38.02	Response indicator on surface/recessed MS box having two LED's metallic covers	35	Each	1800.00	63000.00	INR Sixty Three Thousand Only
38.03	Fault isolator with base	10	Each	2700.00	27000.00	INR Twenty Seven Thousand Only
38.04	Fire control module	10	Each	1800.00	18000.00	INR Eighteen Thousand Only
38.05	Manual call point	2	Each	3000.00	6000.00	INR Six Thousand Only
38.06	Addressable horn cum strobe	2	Each	4500.00	9000.00	INR Nine Thousand Only
39	Integration including connecting of the above newly installed detectors, MCP's, RI's, Sounder's, cables and other items to the to the existing addressable Fire alarm panel by deploying required manpower for satisfactory operation of the entire fire alarm system as per site requirement complete etc. as required.	2	Job	7000.00	14000.00	INR Fourteen Thousand Only
40	Supplying & laying of 2x1.5 sq.mm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS outer sheath complete as required.	300	Mtr	180.00	54000.00	INR Fifty Four Thousand Only
41	Providing and fixing of lightning conductor final, made of 25 mm dia 300 mm long, GI tube having single prong at top, with 85 mm dia 6 mm thick GI base plate including holes etc. complete as required.	10	Each	4500.00	45000.00	INR Forty Five Thousand Only
42	Jointing copper/GI tape (with another copper/GI tape, base of the finial or any other metallic object) by riveting/nut bolting/sweating and soldering etc as required.	10	Each	1800.00	18000.00	INR Eighteen Thousand Only

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43	Providing and fixing GI tape 20 mm X 3 mm thick on parapet or surface of wall for lighting conductor complete as required. (For horizontal run)	400	Meter	180.00	72000.00	INR Seventy Two Thousand Only
44	Providing and fixing GI tape 20 mm X 3 mm thick on parapet or surface of wall for lighting conductor complete as required. (For vertical run)	200	Meter	180.00	36000.00	INR Thirty Six Thousand Only
45	Providing and fixing testing joint, made of 20 mm X 3 mm thick GI strip, 125 mm long, with 4 nos, of GI bolts, nuts, chuck nuts and spring washers etc. complete as required.	10	Each	270.00	2700.00	INR Two Thousand Seven Hundred Only
46	Providing and laying GI tape 32 mm X 6 mm from earth electrode directly in ground as required.	100	Meter	270.00	27000.00	INR Twenty Seven Thousand Only
Total in Figures					5384675.00	INR Fifty Three Lakh Eighty Four Thousand Six Hundred & Seventy Five Only
Quoted Rate in Words		INR Fifty Three Lakh Eighty Four Thousand Six Hundred & Seventy Five Only				


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Signature Not Verified

Digitally signed by BUSIREDDY SUDHAKAR REDDY
 Date: 2023.05.26 15:57:19 IST
 Location: eProcurement System for Central PSUs

