



भारतीय विमानपत्तन प्राधिकरण
बिरसा मुण्डा विमानपत्तन, राँची - 834002
AIRPORTS AUTHORITY OF INDIA
BIRSA MUNDA AIRPORT, RANCHI - 834002

Ref: AAI/RC/SM(Engg.-E)/WO-09/Internal Electrification Work/2024-25/173-180 Date : 21.02.2025

सेवा में,	To,
मेर्सस अमर एंटरप्राइजेज, वीर कुँवर सिंह कॉलोनी, हिनू, राँची-834002 Email: amarjeet.748@gmail.com	M/s AMAR ENTERPRISES, Veer Kunwar Singh Colony, Hinoo, Ranchi-834002 Email: amarjeet.748@gmail.com

विषय : बिरसा मुंडा हवाई अड्डे, राँची में मौजूदा टर्मिनल भवन का पुनर्निर्माण।

उपशीर्ष : आंतरिक विद्युतीकरण कार्य।

Subject : Reconfiguration of existing terminal building B.M. Airport, Ranchi Subhead : Internal Electrification work.

संदर्भ : (i) CPP Portal Bid No: **2025_AAI_222799_1**
(ii) Your Price Bid on CPP portal – 30.01.2025

महोदय,

1. उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भा0वि0प्रा0 की ओर से एतद्वारा इस आधार पर स्वीकार की जाती है कि आपके द्वारा उद्धृत आइटम दरों पर कुल योग, **रु. 39,41,475.00 (उनतालीस लाख इकतालीस हजार चार सौ पचहत्तर रुपये मात्र)** जी.एस.टी. को छोड़कर जो कि **32.08% अनुमानित दर रु. 58,03,325.00 (अट्ठावन लाख तीन हजार तीन सौ पच्चीस रुपये मात्र)** से कम है।

Your tender for the work mentioned above hereby accepted on behalf of the Chairman, AAI, at the item rates quoted by you totaling to **Rs. 39,41,475.00 (Thirty Nine Lakhs Forty One Thousand Four Hundred and Seventy Five Only)** excluding GST which is 32.08% below from the estimate cost put in tender **Rs. 58,03,325.00 (Rupees Fifty Eight Lakhs Three Thousand Three Hundred and Twenty Five Only)**.

2. कृपया ध्यान दें कि कार्य को पूरा करने के लिए अनुमत समय आठ महीने का है। काम के शुरू होने की अवधि SOQ अनुबंध-I के अनुसार 13.03.2025 से होगी।

Please note that the time allowed for carrying out the work is 08 (Eight) Months. The commencement period of contract for the work shall be as per SOQ from 13.03.2025 as per Annexure-I.

3. अनुबंध दस्तावेजों के ईएनआईटी-02 के अनुसार बयाना राशि आपकी निविदा के साथ प्राप्त **रु. 1,16,067.00 (एक लाख सोलह हजार सड़सठ रुपये मात्र)** को सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया **रु. 5,10,215.00 (पाँच लाख दस हजार दो सौ पंद्रह रुपये मात्र)** जमानत राशि के रूप में इस पत्र के जारी होने की तिथि से 15 दिनों के भीतर जमा करा दें, ऐसा न करने पर शर्त के अनुसार आपके चल रहे बिलों से कटौती की जाएगी। 1(ए) अनुबंध दस्तावेजों के पेज जीसीसी-16 पर।

As per eNIT-02 of the contract documents, Earnest Money amount of **Rs. 1,16,067.00 (Rupees One Lakh Sixteen Thousand and Sixty Seven Only)** received along with your tender has been converted as part of security deposit. Please deposit **Rs. 5,10,215.00 (Rupees Five Lacs Ten Thousand Two Hundred Fifteen Only)** towards security deposit within 15 days from the date of issuing of this letter, failing which, the same will be deducted from your running bills as per condition 1(A) on page GCC-16 of the contract documents.

4. एजेंसी अधिकतम उद्धृत राशि के @10% की दर से सुरक्षा जमा के खिलाफ बैंक गारंटी जमा करेगी और डीएलपी अवधि + 03 महीने की दावा अवधि तक कुल अनुबंध के लिए वैध होगी। यदि एजेंसी बैंक गारंटी जमा नहीं करती है, तो उस स्थिति में, सुरक्षा जमा @10% चालू और अंतिम बिल से काट लिया जाएगा। सुरक्षा जमा राशि दोष देयता अवधि के संतोषजनक पूरा होने के बाद ही वापस की जाएगी।

The agency shall submit the Bank Guarantee against the Security Deposit @ 10% of quoted amount and be valid for total contract up to DLP period plus 03 months claim period. If the agency do not submit the Bank Guarantee, in that case, the Security Deposit @ 10% will be deducted from running and final bills. The security seposit shall be refunded only after satisfactory completion of defects liability period.

5. वरिष्ठ प्रबंधक (अभि.-विद्युत), भा0वि0प्रा0 बिरसा मुण्डा हवाई अड्डा राँची कार्य के प्रभारी अभियंता होंगे। आप कृपया अपने प्राधिकृत एवं संविदा-करार पर हस्ताक्षर करने में सक्षम प्रतिनिधि को हस्ताक्षर एवं करार पूरा

टेली फेक्स : 0651 - 2252042 (को), दुरभाष : 0651 - 2250107

Tele Fax: 0651-2252042(O) Telephone: 0651 - 2250107

Recd
21/02/2025

Signature of the Chairman, AAI
Ranchi - 834002



भारतीय विमानपत्तन प्राधिकरण
बिरसा मुण्डा विमानपत्तन, राँची - 834002
AIRPORTS AUTHORITY OF INDIA
BIRSA MUNDA AIRPORT, RANCHI - 834002

करने हेतु वरिष्ठ प्रबंधक(अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची के कार्यालय में 08.03.2025 तक भेजे। संविदा करार आप द्वारा उपलब्ध कराए गए 100/- रु (सौ रूपया) के गैर अदालती पक्के कागज पर सम्पादित किया जाएगा।

Sr.Manager (Engg.-E), AAI, BM Airport, Ranchi, shall be the Engineer-in-charge of the work. You are requested to depute your accredited representative empowered to sign the contract agreement on your behalf to attend the office of Sr.Manager (Engg.-E), Airports Authority of India, BM Airport, Ranchi by 08.03.2025 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- and cost of the stamp paper shall be borne by you.

6. आपसे अनुरोध है कि आप संविदा श्रम (नियमन व समापन) अधिनियम-1970 के प्रावधानों तथा संविदा श्रम (नियमन व समापन) केन्द्रीय नियम, 1971, एवं केन्द्र व राज्य सरकारों के तत्सम्बन्धी न्यूनतम मजदूरी अधिनियम व नियमों का पालन करें। You are requested to comply with the provisions of Contract Labour (Regulation & Abolition) Act. of 1970 and Contract Labour (Regulation & Abolition) Central Rules-1971 & Minimum Wages Act., & rules thereof of Central and State Governments.

7. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस अवार्ड पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि (12) बारह महीने होगी।

Your tender mentioned above under the reference for this work shall form part of the agreement along with this awarded letter. Please note that the defect liability period shall be (12) Twelve Months with effect from actual date of completion.

8. भविष्य में संविदा से संबंधित कोई भी पत्राचार वरिष्ठ प्रबंधक(अभि.-विद्युत), भारतीय विमानपत्तन प्राधिकरण, बिरसा मुण्डा हवाई अड्डा, राँची से किया जाए। Any further correspondence in connection with the contract shall normally be addressed to the SM (Engg.-E), BM Airport, Ranchi.

9. अन्य सभी नियम और शर्तें एनआईटी के अनुसार होंगी। Rest all other Terms & Condition shall be as per NIT.

10. कृपया पावती भेजें। Please acknowledge the receipt of the same.

धन्यवाद / Thanking you,

Encl: 1.Schedule of Quantity Annexure-I - 07 pages

भवदीय,
रिजेन्द्र कुमार 24/03/25
वरिष्ठ प्रबंधक (अभि-विद्युत)
अध्यक्ष की ओर से
भा0वि0प्रा0,बि0मु0एयरपोर्ट
रिजेन्द्र कुमार, राँची-834 002
वरिष्ठ प्रबंधक (अभि-विद्युत)
भारतीय विमानपत्तन प्राधिकरण
बिरसा मुण्डा हवाई अड्डा, राँची-834002
Engg.-Elect.)
Airports Authority of India
Birma Munda Airport, Ranchi-834002

AIRPORTS AUTHORITY OF INDIA
B. M. AIRPORT, RANCHI
SCHEDULE OF QUANTITY

Name of work:- Reconfiguration of existing terminal building B M Airport Ranchi. SH:- Internal electrification work.

Item No.	Description of item	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
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 steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	70	400.00	28000.00
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 steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	310	600.00	186000.00
3	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.	Mtr.	520	200.00	104000.00
4	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.				
4.01	2 X 1.5 sq. mm +1 X 1.5 sq. mm earth wire	Mtr.	200	20.00	4000.00
4.02	2 X 2.5 sq. mm +1 X 2.5 sq. mm earth wire	Mtr.	500	40.00	20000.00
4.03	2 X 4 sq. mm +1 X 4 sq. mm earth wire	Mtr.	500	80.00	40000.00
4.04	2 X 6 sq. mm +1 X 6 sq. mm earth wire	Mtr.	100	100.00	10000.00
4.05	4 X 6 + 2X 6 sq. mm earth wire	Mtr.	100	200.00	20000.00
4.06	4 X 10 + 2X 6 sq. mm earth wire	Mtr.	100	250.00	25000.00
4.07	4 X 16 + 2X 6 sq. mm earth wire	Mtr.	50	300.00	15000.00
5	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.				
5.01	20 mm	Mtr.	100	30.00	3000.00
5.02	25 mm	Mtr.	100	55.00	5500.00
5.03	32 mm	Mtr.	50	70.00	3500.00
6	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.				
6.01	100 mm X 100 mm X 60 mm deep	Each	20	35.00	700.00
6.02	150 mm X 150 mm X 60 mm deep	Each	20	50.00	1000.00
6.03	200 mm X 250 mm X 60 mm deep	Each	20	70.00	1400.00
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	10	185.00	1850.00
8	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 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	Each	20	250.00	5000.00
9	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	Each	20	200.00	4000.00
10	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, connection etc. as required.	Each	20	400.00	8000.00
11	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Mtr.	300	60.00	18000.00

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Rajendra Kumar
 Manager (Engg - Elect.)
 Airports Authority of India
 B. M. Airport, Ranchi - 834002

23	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)				
23.01	6 way, Double door	Each	5	800.00	4000.00
23.02	8 way, Double door	Each	5	1000.00	5000.00
23.03	12 way, Double door	Each	5	1200.00	6000.00
24	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 IVCB/RCCB/Isolator)				
24.01	4 way (4 + 12), Double door	Each	5	1500.00	7500.00
24.02	6 way (4 + 18), Double door	Each	5	1800.00	9000.00
24.03	8 way (4 + 24), Double door	Each	5	2000.00	10000.00
25	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. (Note: Vertical type MCB TPDB is normally used where 3 phase outlets are required.)	Each	2	3500.00	7000.00
26	Supplying and fixing Cable End Box (Loose wire box) suitable for following single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with testing and commissioning etc. as required.				
26.01	For 6 way, Double door SPN MCB DB	Each	5	700.00	3500.00
26.02	For 8 way, Double door SPN MCB DB	Each	5	800.00	4000.00
26.03	For 14 way, Double door SPN MCB DB	Each	5	1100.00	5500.00
27	Supplying and fixing Cable End Box (Loose wire box) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with testing and commissioning etc. as required.				
27.01	For 4 way, Double door TPN MCB DB	Each	5	1100.00	5500.00
27.02	For 6 way, Double door TPN MCB DB	Each	5	1100.00	5500.00
27.03	For 8 way, Double door TPN MCB DB	Each	5	900.00	4500.00
28	Supplying and fixing Cable End Box (Loose wire box) suitable for triple pole and neutral, sheet steel, Vertical MCB distribution board, 415 V, on surface/ recess, complete with testing and commissioning etc. as required.	Each	4	1200.00	4800.00
29	Supplying and fixing Single pole 5 amps to 32 amps rating, 240 volts 10 KA, "C" curve, miniature circuit breaker suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	500	100.00	50000.00
30	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	50	20.00	1000.00
31	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
31.01	40 A	Each	10	400.00	4000.00
31.02	63 A	Each	10	600.00	6000.00
32	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. 100 A, 25 KA, FPMCCB	Each	2	2000.00	4000.00
33	Supplying and fixing following rating, double pole / four pole, 240 I 415 volts, RCBO having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
33.01	25 amps DP 2 module	Each	5	400.00	2000.00
33.02	40 amps DP 2 module	Each	5	500.00	2500.00
33.03	40 amps FP 4 module	Each	2	800.00	1600.00
33.04	63 amps FP 4 module	Each	2	1000.00	2000.00
34	Supply, installation, testing and commissioning of 100 amps 4 pole [4CCB (Ics=Icu= 25 KA) with built in Thermal magnetic based release with MS enclosure of approved make, paint and design complete as required.	Nos.	1	2800.00	2800.00
35	Supply, installation, testing and commissioning of 40 amps 4 pole MCB in MS enclosure of approved make, paint and design complete as required.	Nos.	1	2000.00	2000.00

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Rijendra Kumar
 Electrical Engineer
 834-02 Bina, Madhya Pradesh, India
 834002
 भारतीय विमानपत्तन प्राधिकरण / Airport Authority of India
 बिल्डिंग प्रबंधक (अग्नि- विद्युत) - विमानपत्तन प्राधिकरण / Airport Authority of India
 बिल्डिंग प्रबंधक (अग्नि- विद्युत) - विमानपत्तन प्राधिकरण / Airport Authority of India

36	Supply of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.00, Air delivery minimum 210 CMM, 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	Each	10	2000.00	20000.00
37	Supply of 450mm dia sweep wall fan Oscillating type complete with built in String type speed regulator and mounting anangement. (Similar to Havells make - SWING HS or equivalent)	Each	10	1600.00	16000.00
38	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or on surface of wall for lightning conductor complete as required. (For horizontal run)	Mtr.	200	100.00	20000.00
39	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or on surface of wall for lightning conductor complete as required. (For vertical run)	Mtr.	100	200.00	20000.00
40	Providing, fixing and testing joint made of 20 mm X 3 mm G.I. strip, 125 mm tong, with 4 nos. of G.I. nuts & bolts, chuck nuts and spring washers etc. complete as	Each	2	500.00	1000.00
41	Supply, fixing, testing and commissioning of Lightning counter indicating date and time of last record In-addition to this cursor is provided to see previous history of surges etc complete as required.	Each	2	2000.00	4000.00
42	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Mtr.	100	350.00	35000.00
43	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt	Set	6	4000.00	24000.00
44	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and refilling etc. as required.	Mtr.	30	350.00	10500.00
45	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Mtr.	200	150.00	30000.00
46	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. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Mtr.	50	100.00	5000.00
47	Supply of following sizes of Aluminium/Copper Power Cables, multi stranded conductor, XLPE Insulated, cores laid up, PVC tape / Extruded Inner sheathed, Un. Armour or Armour, 1100V grade as per IS 7098(Part 1) 1988.				
47.01	4 CORE 16 sq.mm. CU Armoured XLPE cable	Mtr.	250	400.00	100000.00
47.02	4 CORE 10 sq.mm. CU Armoured XLPE cable	Mtr.	250	500.00	125000.00
47.03	3.5 CORE 150 sq.mm. Al Armoured XLPE cable	Mtr.	600	800.00	480000.00
48	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.				
48.01	Upto 35 sq. mm (clamped with 1mm thick saddle)				
48.02	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	Mtr.	50	40.00	2000.00
48.03	Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40x3mm MS flat	Mtr.	50	40.00	2000.00
49	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.	Mtr.	400	75.00	30000.00
49.01	Upto 35 sq. mm				
49.02	Above 35 sq. mm and upto 95 sq. mm	Mtr.	50	30.00	1500.00
49.03	Above 95 sq. mm and upto 185 sq. mm	Mtr.	50	40.00	2000.00
50	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium/ copper conductor cable of 1.1 kV grade of size not exceeding 35 sq. mm on surface as required.	Mtr.	50	35.00	1750.00
51	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following sizes in the masonry open duct as required.				
51.01	Upto 35 sq. mm				
51.02	Above 35 sq. mm and upto 95 sq. mm	Mtr.	50	20.00	1000.00
51.03	Above 95 sq. mm and upto 185 sq. mm	Mtr.	50	20.00	1000.00
52	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed / XLPE copper conductor cable of 1.1 KV grade as required.	Mtr.	50	20.00	1000.00
52.01	4C X 16 sq. mm	Each	6	500.00	3000.00
52.02	4C X 10 sq. mm	Each	6	500.00	3000.00

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Rijendra Kumar
 (Signature)
 Sr. Manager (Engg. - Elect.)
 Birsa Munda Airport, Ranchi - 834002
 Birsa Munda Airport, Ranchi - 834002

53	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.				
53.01	3.5 X 150 sq. mm (50mm)	Each	8	700.00	5600.00
54	Supply of LED Bulkhead luminaire, Vandal resistant Polycarbonate diffuser with IP 65, IK08 dust tight and water Jet proof for clean operation, lumen maintenance of 70% at the end of 50000 burning hours, operating range 150 - 270V, 50Hz AC supply voltages and system lumen output not less than 950 lm, luminaire efficiency of luminaire not less than 85 lmry, THD<10% & Surge protection >2.5kv, CCT 5700K - 6500K. LED shall have reverse polarity, open and short circuit protection. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacturer.	Each	10	600.00	6000.00
55	Supply of recessed type LED downlighter with powder coated die-cast aluminium housing and LEDs of approved make pasted on diecast housing and high efficiency Pmma diffuser. Specially designed flat opal diffuser fixed to housing with engg. Plastic front cover, Driver installed on cast aluminium housing or externally and prewired upto the terminal block. It has a system lumen output not less than 1800 lumens with luminaire efficacy of not less than 100lm/M and lumen maintenance of 70% at the end of 50000 burning hours with constant current driver output, operating range 150V - 270V, 50Hz AC supply, CCT of 5700K - 6500K with PF>0.95 and THD must be <10% & surge protection of > 2.5kv. The luminaire is IP 20 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture. LED shall have reverse polarity, open and short circuit protection.	Each	20	600.00	12000.00
56	Supply of recessed 2'X2' LED luminaire made of CRCA steel sheet housing comprising of LED's with secondary optics with individual LED for better light distribution of preferred make with Constant current output driver, It has a system level lumen of =>2960 lumens with luminaire efficacy of not less than 110 lm/W. constant current output driver, operating range 140 - 270V AC supply, voltages, CCT of 5700K - 6500K with PF>0.95 and THD must be <10% & surge protection of > 2.5kv. lumen maintenance of 70% at the end of 50000 burning hours. The luminaire is IP 20 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source. LED shall have reverse polarity, open and short circuit protection	Each	600	2000.00	1200000.00
57	Supply of suspended Type LED Highbay symmetric Beam Luminaire with housing made of die-cast aluminium of system wattage 45 W. The luminaire shall comprise of LEDs of preferred makes complete with Constant current output driver and accessories with High Power driver installed on housing or externally and prewired upto the terminal block, PF≥0.95, THD<10% & Internal 5 KV & External 10 KV surge protection, rated life of L-70@ 50,000 hours having lumen output not less than 4950 Lumens with luminaire efficacy of not less than 110 Lumens / watt with CRI Min 70, operating range 140V - 270V, 50Hz AC supply, CCT: 5700K to 6500K and suitable for outdoor applications. The Luminaire shall be with toughened glass cover and dedicated optics to provide precise light distribution of symmetric beam angle with specially designed thermal management with heat sinks. The luminaire shall be ≥IP65 & IK08 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture.	Each	40	4700.00	188000.00
58	Supply of LED aviation light with Die-cast aluminum housing with Red polycarbonate dome for better illumination, Integral driver, IPi65, Features and Benefits Protection against short-circuit. Protection against surge. Wide operating input voltage range 100 - 270VAC, lumen maintenance of 70% at the end of 50000 burning hours.	Each	2	4500.00	9000.00
59	Supply, installation testing & commissioning of Flexible LED strip light of 4.8W/M (IP-20) CCT 3000K with double tape on backsade suitable for Mounting in cove with all accessories as required. (in roll of 5 meter).	Roll	10	1200.00	12000.00

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Signature of **Prashant Kumar**
 Manager (Engg. - Elect.)
 Airports Authority of India
 Birsala Puram, Bhubaneswar - 751002

60	Supply of LED street light fitting having system lumen output not Less than 5400 lumen and system efficacy of not less than 120 lumens per watt and lumen maintainence of 70% at the end of 50000 burning hours, Power Factor>0.95 & THD<10%, CRI>70, CCT : 4000K - 3000K, made of high pressure die cast Aluminium/ standard alloy housing with separate optics and control gear compartment, toughened glass protector, permanently sealed and a removable control gear plate, mounting spigot suitable for horizontal mounting (O 32 - 42mm) with tilt flexibility upto (+)C '15 degrees, operating range 150 - 270V AC supply voltages, surge protection>10KV with minimum IP:65 protection. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture. LED shall have reverse polarity, open and short circuit protection.	Nos.	20	3000.00	60000.00
61	Supply of LED decorative post top luminaire consisting of a high-pressure die cast aluminium housing suitable for vertical mounting on 75 mm outer dia pole having system lumen output not less than 2800 lumens and system efficacy of not less than 100 lumens per watt and lumen maintainence of 70% at the end of 50000 burning hours, power Factor 0.95 & THD<10%, CRI>70, CCT : 4000K - 3000K, operating range 150 - 270V AC supply voltages, surge protection> 101(V with minimum IP:65 Protection. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture. LED shall have reverse polarity, open and short circuit protection.	Nos.	5	4000.00	20000.00
62	Supply of LED Bollard having lumen not less than 1100 lumens with luminaire efficacy of not less than 110 lumens per watt, lumen maintainence of 70% at the end of 50000 burning hours with constant current driver output, Power Factor >0.95 & THD <10%, CRI>70, neutral white light and made of GI pipe bottom housing the control gear in Aluminium dome shaped type cover with cylindrical dome shaped top cover, overall length of bollard to be minimum of 600 mm, operating range 230V - 270V, 50Hz AC supply, inbuilt driver with surge protection >10KV. The luminaire shall be minimum IP:65 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture LED shall have reverse polarity, open and short circuit protection.	Nos.	20	3000.00	60000.00
63	Supply of LED bush / Spike light having lumen output not less than 1000 lumens with luminaire efficacy of not less than 100 lumens per watt, lumen maintainence of 70% at the end of 50000 burning hours with constant current driver output, Power Factor >0.95 & THD <10%, CRI>70, CCT 3000 K - 5000 K, with diecast Aluminium housing, adjustable mounting bracket with spike, constant current LED driver, operating range 150V- 270V, 50Hz AC supply, with surge protection >10KV. The luminaire shall be minimum IP:65 protected. LM 79 report to be submitted for luminaire from NABL accredited lab and LM 80 for LED source issued by LED manufacture. LED shall have reverse polarity, open and short circuit protection.	Nos.	20	3500.00	70000.00
64	Supply of decorative Conical tapered pole with arms, 4mtrs in height made out of GI, primed and painted PU factory finish having a bottom dia of 116mm and top dia of 75mm with sheet thickness of min 3.5mm. The pole will be with base plate & flush door at the bottom will be provided with proper strengthening to the cutout of the door opening. A junction / looping box with heavy duty 3 phase connector into the pole.	Nos.	20	5000.00	100000.00
65	Installation, testing and commissioning of pre-wired, LED fitting with driver/ LED light fitting of all types on surface, complete with all accessories. directly on ceiling/ wall surface, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	50	150.00	7500.00
66	Installation, testing and commissioning of pre-wired LED light fitting with driver of all types, complete with all accessories etc. on false ceiling including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and hanging with suitable suspender and earthing etc. as required.	Each	50	150.00	7500.00
67	Installation, testing and commissioning of LED Bollard light fitting with driver complete with all accessories. including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Nos.	20	150.00	3000.00
68	Installation, testing and commissioning of LED Spike light fitting with driver complete with all accessories. including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Nos.	20	150.00	3000.00

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रिजिस्टर्ड एंजिनियर सुप्रिया सुप्रिया कुमार
सुप्रिया सुप्रिया कुमार (Engg - Elect.)
भारतीय विमानपत्तन प्राधिकरण (BAA) - 834002, 3rd Floor, Mumbai Airport, Mumbai - 400002
दस्तावेज संख्या: 834002

69	installation of 4mtrs high M.S. PU painted street light pole with all accessories and supply & making foundation of reinforced cement concrete 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size) including excavation and refilling, including positioning of template & foundations bolts (supplied with pole to match with pole base plate) complete as required and as specified.	Nos.	20	1500.00	30000.00
70	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	10	150.00	1500.00
71	Installation of exhaust fan upto 450 mm sweep in the existing opening, including making good the damage, connection, testing, commissioning etc as required.	Each	10	150.00	1500.00
72	Numbering of ceiling fan/ exhaust fan/ fluorescenU LED light fittings etc as required.	Each	100	10.00	1000.00
73	Supply, Installation, Testing and Commissioning of LT Panel, cubicle type, made out of 14 SWG CRCA sheet steel, totally enclosed, IP-42, protection free standing, floor mounting, dust and vermin proof, indoor, compartmentalized, powder coated painting suitable for operation on 3 Phase and neutral, 415V, 50 Hz AC supply system with bus bars extensible on both sides, interconnections with suitable size of copper leads/ solid aluminium strips. (Panel shall conform to IEC 60439 & of Form-3b construction). Incomer- I & II 2 Nos. MCCB, 250 Amps, 4 Pole, 35 kA with adjustable setting, thermal magnetic release with O/C, S/C & E/F protection as per specification and with following accessories. Each Incomer shall have one set of the following items: 1 No. Digital MFM meter and 3 nos. CTs of ratio 200/5A , Class 0.5 accuracy and 10 VA burden. digital multifunction meter suitable to measure voltage, Ampere, Frequency, Power Factor, KVA, KW and KVAR, KVAh, KWh and KVARh with RS-485 Port 1 Set of ON/ OFF/ TRIP Indicating LED Lamps with 2 Amp MCB. 1 Set of phase indicating LED lamps with 2 amp back up MCB. Buscoupler 1 No. MCCB, 250 Amps, 4 Pole, 35 kA with adjustable setting, thermal magnetic release with O/C, S/C & E/F protection with 1 Set of ON/ OFF Indicating LED Lamps with 2 Amp MCB. Busbars 4P aluminium bus bars of 320 A capacity with heat shrinkable coloured sleeves i/c SMC bus bars supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 35 KA for 1 sec. Outgoing 4 Nos. MCCB, 100 Amps, 4 Pole, 25 kA with adjustable setting, thermal magnetic release with O/C & S/C protection 8 Nos. MCCB, 63 Amps, 4 Pole, 25 kA with adjustable setting, thermal magnetic release with O/C & S/C protection 2 Nos. MCCB, 40 Amps, 4 Pole, 25 kA with adjustable setting, thermal magnetic release with O/C & S/C protection 2 Sets Surge protection device Type 2 (Class C), including all necessary accessories. The SPD shall compliance with IEC 61643-11. All outgoing MCCB shall have 1 Set of ON/ OFF Indicating LED Lamps with 2 Amp MCB.	Job	1	310000.00	310000.00
74	SITC of hand drier (metal body) suitable for operation on single phase etc as required.	Each	2	8000.00	16000.00
75	SITC of 6-8 ltr instant type gyser suitable for operation on 230v, 50 Hz single phase etc as required.	Each	2	8000.00	16000.00
Total Rs.					3941475.00

Note: Rate is Comprehensive and excluding of GST.

Say Rs. 39,41,475.00 (Thirty Nine Lakhs Forty One Thousand Four Hundred and Seventy Five Only)

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Signature Not Verified
Digitally signed by RIJENDRA KUMAR
Date: 2025.04.04 12:46:16 IST
Location: eProcurement System for Central PSUs