



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

पत्रांक : एएसी/ईमडी -II/1001(105)/244

दिनांक : 24.09.2025

प्रति,

**M/S. J.K.Electric Engineering Works,
2 No. Motilal Colony, Mazumder Para,
P.O. Italgacha, Kolkata-700 079.
e-mail : jkeew@yahoo.co.in
Mob-9331290600**

**Name of Work: Electrical work for metro railway work at NSCBI Airport, Kolkata
(SH: Perimeter lighting).**

Ref: Your E-Tender vide CPP portal E-Bid No. 2025_AAI_240134_1.

Dear Sir,

1. उपरोक्त उल्लिखित कार्य के लिए आपका ई-टेंडर भारतीय विमानपत्तन प्राधिकरण के अध्यक्ष की ओर से आपके द्वारा उद्धृत कुल ₹ **58,70,310.00/-** (अठ्ठावन लाख सत्तर हजार तीन सौ दस रुपये) जीएसटी रहित, जो कि निविदा न्यायोचित के राशि ₹ **81,69,962.00/-** (जीएसटी रहित) से **28.14%** (अठईस दशमलव चौदा प्रतिशत) कम 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 **₹58,70,310.00/-** (Rupees Fifty Eight Lakhs Seventy Thousand Three Hundred Ten only) excluding GST, which is **28.14%** below the Justified cost of **₹81,69,962.00/-** excluding GST.

2. वरिष्ठ प्रबंधक (इंजीनियरिंग- बिद्युत), एएआई, एनएससीबीआई हवाई अड्डा कार्य के प्रभारी अभियंता होंगे और एजीएम (इंजीनियरिंग- बिद्युत), और प्रबंधक (इंजीनियरिंग- बिद्युत) एएआई, एनएससीबीआई एयरपोर्ट, कोलकाता उनके अधिकृत प्रतिनिधि होंगे। आपसे अनुरोध है कि करारनामा पर हस्ताक्षर करने और उसे पूरा करने के लिए **03.10.2025** तक वरिष्ठ प्रबंधक (इंजीनियरिंग- बिद्युत), एएआई, एनएससीबीआई एयरपोर्ट, कोलकाता-700052 के कार्यालय में उपस्थित हों। करारनामा को डेमी पेपर के साथ ₹100/- (केवल एक सौ रुपये) मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा। स्टाम्प पेपर की लागत आपको वहन करनी होगी।

Senior Manager (Engg.-Elect.), AAI, NSCBI Airport, Kolkata shall be the Engineer-in-charge of the work and his authorized representative shall be Manager (Engg.-Elect.), AAI, NSCBI Airport, Kolkata. You are requested to attend the office of Sr. Manager (Engg.-Elect.), AAI, NSCBI Airport, Kolkata-700052, by **03.10.2025** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value ₹100/- (Rupees One hundred only) along with Demi paper. The cost of the stamp paper shall be borne by you.

3. कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा राशि जमा के रूप में **₹5,87,031.00** (पाँच लाख सत्तासी हजार इकतीस रुपये) जमा करें, अन्यथा निविदा दस्तावेज के जीसीसी खंड संख्या 1ए की शर्त के अनुसार राशि काट ली जाएगी।

Please deposit **₹5,87,031.00/-** (Rupees Five Lakh Eighty Seven Thousand Thirty One) towards security deposit within 10 days from the date of issue of this letter failing which, the same shall be deducted as per condition of GCC clause no. 1A of the tender document.

Cont'd page..2 and 3

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम और केंद्र और राज्य सरकार के नियमों के प्रावधानों का अनुपालन करें।

You are requested to comply with the provision of contract labour (Regulation and Abolition) Act. 1970 and contract labour (Regulation and Abolition) central Rules 1971 and minimum wages act. and rules thereof central and State Government.

5. आपको प्रबंधक (इंजीनियरिंग- बिद्युत), एएआई, एनएससीबीआई एयरपोर्ट, कोलकाता से तुरंत संपर्क करने का भी निर्देश दिया जाता है, जो आपको साइट सौंपने की व्यवस्था करेगा।

You are also directed to contact Manager (Engg.-Elect.) AAI, NSCBI Airport, Kolkata immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य पूरा करने के लिए **06 (छह) महीने** का समय दिया जाएगा और इसकी गणना इस पत्र के जारी होने की तारीख से 10वें दिन से की जाएगी।

Please note that the time allowed for carrying out the work shall be **06 (Six) Months** and same shall be reckoned from the 10th day from the date of issue of this letter.

7. भारतीय विमानपत्तन प्राधिकरण प्रशासन या किसी अन्य कारण से **30 दिनों** की लिखित सूचना देकर अनुबंध को पूरी तरह या आंशिक रूप से समाप्त करने का अधिकार सुरक्षित रखता है, और ऐसे किसी भी नुकसान के लिए अनुबंधकर्ता को कोई क्षतिपूर्ति का दावा करने का अधिकार नहीं होगा जो उसने कार्य निष्पादन के उद्देश्य से कोई सामग्री खरीदकर या बनाकर या किसी खाते पर कोई अग्रिम देकर किया हो।"

AAI reserves the right to terminate the contract fully or partially by giving **30 days'** notice writing to the contractor due to administrative or any other reason and the contractor shall have no claim to compensation for any loss sustained by any reason of having purchased or procured any materials or made any advances on any account or with the view to the execution of the work.

8. आपसे अनुरोध है कि जीएसटी अधिनियम के अनुसार वैध जीएसटी चालान जमा करें, जिसमें जीएसटीआईएन का उल्लेख हो, जिसमें लागू जीएसटी दरों और इनपुट टैक्स क्रेडिट विवरण, यदि कोई हो, का उल्लेख करते हुए एएआई, एनएससीबीआई हवाई अड्डे, कोलकाता जीएसटी नंबर 19AAACA6412D1Z5 का उल्लेख हो।

You are requested to submit valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and input tax credit details if any for processing the bills mentioning the AAI, NSCBI Airport, Kolkata GST no. 19AAACA6412D1Z5.

9. अनुबंध के संबंध में कोई भी अन्य पत्राचार प्रभारी अभियंता को संबोधित किया जाना चाहिए।

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

10. कृपया रसीद स्वीकार करें और इसके साथ संलग्न इस पत्र की डुप्लिकेट प्रति विधिवत हस्ताक्षरित और मुहर लगाकर स्वीकृति के प्रतीक के रूप में अधोहस्ताक्षरी को लौटा दें।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signed and stamped to the undersigned as a token of acceptance.

11. हिंदी और अंग्रेजी भाषा की व्याख्या में किसी भी विसंगति के मामले में, अंग्रेजी भाषा मान्य होगी।

In case of any discrepancy in interpretation of Hindi & English Language, the English language will prevail.

भवदीय,

(अमृतांशु पाल / Amritanshu Pal)

वरिष्ठ प्रबंधक (इंजीनियरिंग-विद्युत)/Senior Manager (Engg-Elect.)
अध्यक्ष, एएआई की ओर से /For and on behalf of Chairman, AAI.

Encl:

1.Bill of Quantity (BOQ). Page- 1 to 3.

Bill of Quantities

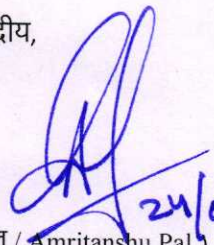
Name of Work: Electrical work for metro railway work at NSCB Airport, Kolkata (SH: Perimeter lighting).

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1	SITC of Vermin proof, powder coated, free floor-standing type, fully compartmentalized, double door, IP55 outdoor type electrical LT Panel fabricated of 2 mm. thick CRCA sheet, treated through seven tank process suitable for 415V +/-10% 3-ph 4-wire 50Hz AC supply with detachable CRCA gland plate, busbar alley, cable alley, required internal electrical connections, auto-manual operation, ventilation louver covered with wiremesh, lifting hooks, required foundation, rain shed etc. complete as required having components a) Incomer 01 no.: 200 A 4P MCCB with over load, short circuit protection, ON-OFF-TRIP LED indication with MCB protection. b) Outgoing 08 nos. : 63 A 4P MCCB c) Busbar: 200A TPN PVC sleaved and insulator supported. d) Contactor and on delay timer for auto operation with auto manual switch.	1.00	Each	185000.00	185000.00
2	Supply of IP66, 5700K, efficacy >110 Lumen/W, CRI>70 Integral type minimum 70W LED Street Light Luminaire with 50,000 burning hours, driver efficacy not less than 85%, high pressure die cast aluminum housing, 4kV surge protection, p.f.>0.95, suitable for 140-270V 50Hz AC supply as per the technical specification.	90.00	Each	2000.00	180000.00
3	Supply of IP66, 5700K, efficacy >110 Lumen/W, CRI>70 Integral type minimum 30W LED flood light with 50,000 burning hours, driver efficacy not less than 85%, high pressure die cast aluminum housing, 4kV surge protection, p.f.>0.95, suitable for 140-270V 50Hz AC as per the technical specification.	196.00	Each	1250.00	245000.00
4	Installation testing commissioning of LED luminaire on the existing pole/ bracket including angle setting as per design, all required accessories, reducer/modification in existing pole/bracket, clamp, nuts, bolts etc. as required, connection from thermoplastic enclosure with 1.1kV grade 3Cx1.5 sqmm. PVC insulated FR Copper conductor flexible cable through pole/bracket in GI flexible conduit (required if cable is exposed outside) including proper terminatin with lugs/ferrules etc. complete as required as directed by Engineer-In-Charge. Note: Perimeter lighting design by OEM of LED luminaire to be submitted to AAI for approval.	286.00	Each	135.00	38610.00
5	Supply erection of high strength marine grade, double coat aluminum spray painted Aluminum street lighting pole with fixture mount height 3.5 mtr, round shaped 70-60 mm diameter 3 mm thick (minimum), suitable for wind speed as per IS 875 and having integral swan -neck type arm of required length, angle with reducer (if required) for fixing LED fitting to achieve desired lux level including pole cap, pre drilled holes for cable entry-exit, epoxy coated steel base plate, grouted SS foundation bolt in RCC foundation, pole fixing hardware, provision of pipes for cable loop-in loop-out, excavation, refilling, cement plaster with good finish painting, numbering, earthing etc. complete as required. NOTE: Sample pole foundation design to be vetted from Govt. Engg. College and to be submitted.	90.00	Each	10700.00	963000.00
6	Supply, fixing of 40mm dia class 'B' GI pipe bracket of length not less than 2.0 mtr by bending the pipe at the desired angle to achieve required lux level on perimeter wall suitable for fixing LED street light luminaire including MS clamp, anchor fastners, painiting, numbering etc. as per site requirement.	8.00	Each	1000.00	8000.00

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
7	Supply & fixing of IP65 Thermoplastic enclosure lid made of hinged transparent Polycarbonate and base made of Polystyrene, light weight, corrosion proof, fire retardant, polyurethane gasket, fitted with internally fixed 01 no. 6A C-type SP MCB 10kA Isc, one no. 4 way terminal, earth terminal, clamp and GI Strip at the back of the enclosure to be fixed with pole including screws, nuts, bolts, washers etc. complete as required as per site condition and instruction of Engineer-In-Charge..	98.00	Each	3000.00	294000.00
8	Excavation of earth/soft soil mechanically/manually not exceeding 1.5 mtr in width, and lift upto 1.5mtr, including back filling as required and as directed by the Engineer-In-Charge	399.00	Cum	200.00	79800.00
9	Excavation of the trench in hard rock or bituminous / cement concrete of runways/taxiways/ apron/RESA/ Road etc. by power saw cutting without disturbing the other area, upto 1.5 mtr in width, and depth upto 1.0 mtr, including getting out the excavated debris, cleaning the cut area and disposal of excavated debris as directed within a lead of 5 KM including all machineries like power saw, hammer drill / pneumatic drill, water browser, mobile DG set, transportation etc. complete as required.	8.00	Cum	1300.00	10400.00
10	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including form work etc. as required as per the site condition.	8.00	Cum	5700.00	45600.00
11	Supplying and laying of 1 run X 63 mm dia (OD), UV stabilized, HDPE pipe (PE-63, PN-6) as per IS - 4984 and IS marked with uptodate amendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing in the existing trench/soil/gravel area/along with PQC work complete as required.	1425.00	Mtr	175.00	249375.00
12	Supplying and laying of 1 run X 63 mm dia (OD), UV stabilized, HDPE pipe (PE- 63, PN-6) as per IS - 4984 and IS marked with upto date amendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing etc. below the ground (i/c Road crossing ,Cement concrete Apron Area, Runway, taxiway) at a depth upto 6 m through horizontal directional drilling etc. after doing Ground Penetrating radar survey and submitting its report etc.complete as required.	75.00	Mtr	400.00	30000.00
13	Supplying and laying of 1 run X 90 mm dia (OD), UV stabilized, HDPE pipe (PE- 63, PN-6) as per IS - 4984 and IS marked with uptodate amendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing etc. below the ground (i/c Road crossing ,Cement concrete Apron Area, Runway, taxiway) at a depth upto 6 m through horizontal directional drilling etc. after doing Ground Penetrating radar survey and submitting its report etc.complete as required.	2375.00	Mtr	500.00	1187500.00
14	Supplying and laying of 1 run X 90 mmdia (OD), UV stabilized, HDPE pipe (PE-63, PN-6) as per IS - 4984 and IS marked with uptodate amendment along with accessories like socket, bend, couplers etc. complete with fitting, cuttings, jointing in the existing trench/soil/gravel area/along with PQC work complete as required.	125.00	Mtr	300.00	37500.00
15	Supply, laying of 3.5C x 120 sqmm. PVC seathed XLPE insulated 1.1kV grade armoured aluminum conductor power cable conforming to IS 7098 part-I ammended up to date in existing covered cable trench/pipe/open duct/cable tray/wall with suitable clamps etc. complete as required as per site condition and direction of Engineer-In-Charge.	2500.00	Mtr	645.00	1612500.00
16	Supply and making end termination with brass compression gland and aluminum lugs for 3.5C x 120Sqmm. (45mm) PVC insulated, PVC seathed/XLPE aluminum cable of 1.1kV grade as required.	6.00	Each	300.00	1800.00
17	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 3½ X 120 sq. mm PVC insulated and PVC sheathed / XLPE armoured, aluminium conductor cable of 1.1 KV grade as required.	4.00	Each	1700.00	6800.00

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
18	Supply and laying of 4C x 25sqmm. 1.1kV grade XLPE insulated PVC sheathed armoured aluminum conductor cable conforming to IS 7098 part-I with up to date ammendment in the existing trench/HDPE pipe/GI Pipe/pole/wall with suitable clamp etc. as required.	1800.00	Mtr	220.00	396000.00
19	Supply and making end termination with brass compression gland and aluminum lugs for 4Cx25Sqmm. PVC insulated, PVC sheathed/XLPE aluminum cable of 1.1kV grade as required.	196.00	Each	125.00	24500.00
20	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for 4 X 25 sq. mm of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	2.00	Each	1200.00	2400.00
21	Providing laying and fixing 6 SWG dia G.I. wire on surface or in recess (in existing pipe and/or along with submain wiring/cable) for loop earthing etc.complete as required.	1800.00	Mtr	21.00	37800.00
22	Dismantling of existing perimeter light fitting with its pole/wall bracket (as applicable), pipe, clamp, its loop-in loop-out box etc. by diconnecting it from electrical circuitry in safe manner, sealing the electrical cables, pipe ends if any, demolishing of old brick and/or concrete pedestal/muffing if any, making the surface smooth, keeping the fitting, pipe/bracket, clamp, pole in store under safe custody and handing over the same to AAI at the completion of the project/ as decided by the Engineer-In-Charge etc. complete as required. Power cable has to be disconnected from source end also.	63.00	Each	75.00	4725.00
23	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing enclosure of size 750mm x 350 mm x 550 mm (H) made out 6 mm thick MS sheet and top cover 10 mm thick MS sheet (counter shunk fitting, M-10 nuts and bolts.) having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	6.00	Each	7500.00	45000.00
24	Providing and fixing 3mm thick 750mm long 50mm X 50mm GI angle frame by use of suitable clamp on existing street light pole at required height to illuminate perimeter wall as per BCAS, DGCA guideline including all accessories like nuts, bolts, washers etc., making holes for fixing luminaires, spray painting of approved color complete as required.	90.00	Each	500.00	45000.00
25	The execution of Delhi Schedule of Rates (E&M) 2022 of estimated amount of Rs 2,00,000/- for the items mentioned in Chapter 1 to Chapter 17 including Appendix-I & II as and when required basis in connection with the work and as decided by Engineer-In-Charge. [For quoted Rate 0.9, the Estimated amount of Rs 2,00,000/- means amount will be Rs.1,80,000/. Similarly for quoted Rate 1.1, the Estimated amount of Rs 2,00,000/- means amount will be Rs. 2,20,000/-] (Note: Payment of DSR rate will be made after deduction of GST considered in the Rate of DSR-2022 and then multiplied by the quoted rate.)	200000.00	MF	0.70	140000.00
Total in Figure					5870310.00

भवदीय,


24/09/25

(अमृतांशु पाल / Amritanshu Pal)

बरिष्ठ प्रबंधक (इंजीनियरिंग-विद्युत)/Senior Manager (Engg-Elect)
अध्यक्ष, एएआई की ओर से /For and on behalf of Chairman, AAI.)

3/3