

Ref: - AAI/ER/DBR/AGM/PL/2024-25/10

Dated: - 10.12.2024

To,
M/s Manna Electronics and
Electrical works,
79, Mahindra Banarjee Road,
P.O.- Parnasree, Kolkata-
700060

Sub: - Construction of Perimeter Road at Newly Acquired Land (24 Acres) at Darbhanga Airport.

SH: - Provision of Perimeter lights at newly acquire land (24 Acres) at Darbhanga Airport.

Ref: - (i) Tender Id No. - 2024_AAI_206561_1
(ii) Your E-Bid Open on 03.10.2024.

Dear Sir,

1. Reference to letter as mentioned above for work, your revised offer is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted amount of **Rs. 26,90,460.00** (without GST) (Rupees Twenty-Six Lakh Ninety thousand and Four Hundred sixty) which is **34.12%** Below from the justified Cost put to tender of **Rs. 40,83,773.00** (Without GST).
2. Assistant General Manager (E-E), AAI Civil Enclave Airport, Darbhanga-846005 shall be the Engineer-in-charge of the work. You are requested to attend the office of Assistant General Manager(E-E) AAI, Civil Enclave Airport, Darbhanga-846005 within 25 days to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial Stamp Paper of Value of Rs. 1000 (Rupees One thousand only) and the cost of the stamp pater shall be borne by you.
3. Please deposit **Rs. 2,69,046.00** (Two Lakh Sixty-Nine Thousand and Forty-Six hundred only) towards Security Deposit within 10 days from the date of issue of this letter failing which, the same will be Deducted as per **Clause No. 1(A)** of General condition of Contract document (Clauses of Contract).
4. You are requested to comply with the provision of contract Labour (Regulation & Abolition) Act of 1970 and contact Labour (Regulation & Abolition) Central Rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction workers (Regulation of Employment and condition of Service Act 1996, Building and other construction workers welfare cess Act 1996 as specified in clause No. 19 of GCC and rules of Minimum Wages Act & Rules there of Central & State Governments.
5. You are also directed to contact AGM (Engg - Elect.), AAI Civil Enclave Airport, Darbhanga-846005 immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **06 Months** and same shall be reckoned from **01.01.2025**.

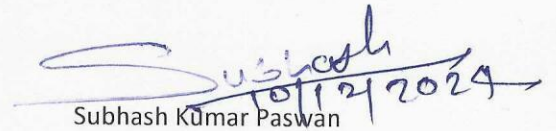
सहायक महाप्रबंधक विमानपत्तन का कार्यालय, भारतीय विमानपत्तन प्राधिकरण, दरभंगा हवाई - अड्डा, रानीपुर, बिहातवारा, बिहार - 846007,

मो - 8617215278

Office of the Assistant General Manager (E-E) Airports Authority of India, Darbhanga Airport, Ranipur, Bihatwara, Bihar - 846007, Mob. - 8617215278

7. Any further correspondence in connection with the contract should be addressed to the Manager (Engg - Elect.)AAI Darbhanga Airport Darbhanga-846005.
8. Please note that the defect liability period is **One Year** after the date of completion of work.
9. The rates are inclusive of all taxes, duties, Cess, Fees, royalty charges etc. levied under any statute but exclusive of GST (as applicable). The agency has to submit the bill, Tax invoices along with all necessary documents for preparing bill by this office.
10. 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.
11. All the letters referred above shall form part of contract agreement.
12. All other Terms and Conditions shall be as per Agreement.

Encl: Schedule of Quantities (2 Sheet).


Subhash Kumar Paswan
AGM (E-E)
AAI Darbhanga Airport, Darbhanga

Schedule of Quantity

Name of Work:- Construction of Perimeter road at newly acquired land (24 acres) at Darbhanga Airport.

SH:- Provision of Perimeter lights at newly acquired land (24Acres) at Darbhanga Airport.

Item No.	Description of Work	Unit	Qty	Rate	Amount
1	Supply of tiltable type high strength marine grade aluminum perimeter light pole having round shaft of 2.4 Mtr height, minimum 7AWG thick & 3" dia, removable FRP pole endcap, 2 Nos. Al detachable bracket of 250mm length at 55 degree inclination with integral arm of 50 mm dia, 150mm span & reducer of 28mm dia, 100mm length, 16mm thick tiltable base flange with capsule hinges match drilled for fitment with pole with 6 nos. fixing SS hardware and 4nos. L type steel foundation bolts of designated length with nuts i/c pre-drilled holes for fitment of bracket, cap, suitable holes for cable entry & exit in pole shaft, cable passage in bracket, provision for earthing connection, spray aluminum finish painting to pole & bracket, black epoxy painting to base and suitable to design wind speed of 208 KMPH for ground level installation etc complete as required and as per specifications.	Each	83	8000.00	664000
2	Supply of 1x25Watt LED perimeter light fixture, CCT 5700K, cool day light with all accessories including powder coated pressure die-cast aluminium alloy housing having effective heat sink for heat dissipation, heat resistant toughened tempered glass with gasket and SS clips to ensure ingress protection, LED's are provided with secondary lens optics to get optimum optical performance, driver designed with built in surge voltage, open/short circuit protections and suitable to work 230V, 50Hz, AC supply etc and suitable to fixing on perimeter light pole etc. complete as per tender specifications.	Each	175	1650.00	288750
3	Supply of 4CX 25 Sq.mm size 1.1 KV grade XLPE insulated, PVC sheathed, armoured Aluminium conductor cable conforming to IS 7098 (Part 1) amended upto date etc complete as required.	Mtr	2500	228.04	570100
4	Supply of 50 mm outer dia. ISI marked HDPE pipe as per IS:4984:2016, of rating PE 80, PN 10 etc. complete as required.	Mtr	2000	92.00	184000
5	Supply of HDPE DWC Pipe of ID:38mm & OD:50mm as per confirming to IS:16205 amended upto date etc complete as required.	Mtr	332	37.00	12284
6	Supply 'loop in' and 'loop out' outdoor type cable junction box made of polycarbonate having size 300mm x 150mm x 170mm (LXBXH), IP 66 protection, Halogen free, weather proof, silica free and suitable for entry & exit 4Cx25 Sq.mm cable of perimeter light pole etc complete as required.	Each	90	2292.00	206280
7	Erection of aluminum light pole with bracket upto height 2.4 Mtr on existing foundation with fixing of existing grouting accessories of pole i.e base plate, anchor bolts, nuts system during cc foundation work i/c alignment, tightening, painting of existing foundation above the ground level numbering of pole etc complete as required as directed by EIC. Job excluding of C.C. foundation work.	Each	83	250.00	20750
8	Installation, Testing & commissioning of 25 watt LED perimeter light fixtures with all accessories on the existing bracket of Al Perimeter light pole including making connection from loop cable junction Box to fittings by 3Cx1.5 Sq.mm. PVC insulated & PVS Sheathed copper conductor flexible cable etc. complete as required.	Each	166	100.00	16600
9	Installation, Testing and Commissioning of 'loop in' and 'loop out' Polycarbonate Cable Junction box and secured with proper holding clamps, nuts, bolts on existing aluminium perimeter light pole at suitable height i/c inside the box supply & fixing suitable 4way x 100A stud type power bakelite connector for termination of 4Cx25 Sq.mm Al cable, earth terminal, 6A, 10 KA, SP MCB (1 No.) mounting on din rail for installation with connection, alignment, tightening etc complete as required.	Each	83	300.00	24900
10	Laying of 50mm dia. DWC/HDPE pipe including coupling, splicing of pipe in existing trench for the protection of cable etc complete as required as directed by EIC.	Mtr	2332	12.00	27984
11	Supply 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.				
a	4C x 25 Sq.mm (28 mm)	Set	170	184.00	31280
12	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/DWC/HDPE pipe as required.				
a	Upto 35 sq. mm	Mtr	2332	6.00	13992
13	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.				
a	Upto 35 sq. mm	Mtr	125	5.00	625
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.				

a	Upto 35 sq. mm (clamped with 1mm thick saddle)	Mtr	43	20.00	860
15	Earthing with G.I. earth pipe 4.5 meter 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.	Each	9	5555.00	49995.00
16	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.	Mtr	27	200.00	5400
17	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ pipe/ cable etc as required.	Mtr	1826	46.00	83996.00
18	Providing and laying in position cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand Zone (III) derived from natural source : 3 graded stone aggregate 20 mm nominal size derived from natural source) of specific grade in foundation of perimeter light pole,feeder pillar,Cable Chamber etc including form,shuttering,finishing work etc complete as required.	Cum	19	5500.00	104500.00
19	Providing and laying in position cement concrete 1:3:6 (1 cement : 3 coarse sand Zone (III) derived from natural source : 6 graded stone aggregate 20 mm nominal size derived from natural source) of specific grade in foundation of perimeter light pole,feeder pillar,Cable Chamber etc including form,shuttering,finishing work etc complete as required.	Cum	4	5000.00	20000.00
20	Providing 12 mm cement plaster finished with a floating coat of neat cement of mix :1:3 (1 cement: 3 fine sand) at all levels.	Sqmtr	100	200.00	20000.00
21	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete as required.Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	2280	77.00	175560.00
22	Providing brick work (in width 225 mm or more) with F.P.S. bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) at all levels.	Cum	4	7776.00	31104.00
23	Excavation for cable trenches/foundation of depth upto 1.2 m in soft soil including refilling of getting out the excavated soil and disposal of surplus excavated soil within a lead of 50 metres as directed by EIC.	Cum	536	200.00	107200.00
24	Excavation of hard rock for cable trench including cutting the bituminus/concrete surface getting out and disposal of excavated soil within a lead of 50 metres as directed by EIC.	Cum	34	600.00	20400.00
25	Demolishing/Cutting cement concrete/road bitumins by manually/ mechanical including disposal of material within 50 metres lead as directed.	Cum	1	900.00	900.00
26	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	Sqmtr	90	100.00	9000.00
				Total	26,90,460.00
INR:- Twenty Six Lakh Ninety Thousand Four Hundred and Sixty Only					


 AGM(E-E) 10/12/2019
 AAI Darbhanga Airport