



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
(मिनी रत्न - श्रेणी - १ सार्वजनिक क्षेत्र का उद्यम)
(A Miniratna Category - 1 Public Sector Enterprise)
इम्फाल अंतरराष्ट्रीय हवाई अड्डा, इम्फाल - 795140
Imphal International Airport, Imphal - 795140



No.: AAI/IMP/ELC-288/2021-22/WO-05

Date: 12.07.2021

✓ M/s. RVD Infra Solution Pvt. Ltd.,
9, Amarnath Industrial Park, Opp. Maize Products
Near Vijay Timber Mark,
Odhav - Singarva Road, Singarva
Ahmedabad - 382 430
E-mail: rvd_infra.solution@yahoo.in

Name of Work: Replacement of Old Fitting at Perimeter Road Near NH-150 with
Hybrid Solar LED Light Fitting at Imphal Airport.

Ref.: 1. Tender ID: 2021_AAI_78395_1
2. Your Financial Bid Opened on 01.07.2021

Sir,

- 1) Your e-tender for the above mentioned work is hereby accepted by the Competent Authority on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to Rs. 57,86,360.00 (Rupees Fifty-Seven Lakhs Eight-Six Thousand Three Hundred and Sixty Only) which is 35.23% below the Estimate Cost put to Tender of Rs. 89,33,469.00.
- 2) Dy. General Manager (Engg.-Elect.), AAI, Imphal Airport shall be the Engineer-in-Charge of the Work. You are requested to attend to the Office of the Dy. General Manager (Engg. -Elect.), AAI, Imphal by 22.07.2021 to sign and complete Contract Agreement. The Contract Agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
- 3) Please deposit Rs. 5,78,636.00 (Rupees Five Lakh Seventy-Eight Thousand Six Hundred and Thirty-Six 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 bills as per relevant Clauses of the Contract Document.
- 4) You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971 and Minimum Wages Act & Rules thereof Central and State Governments.
- 5) Please note that the time allowed for carrying out the work is 04 (Four) Months which shall be reckoned from 15th day of issue of this award letter.

Contd...2/-

विमानपत्तन निदेशक का कार्यालय,
इम्फाल अंतरराष्ट्रीय हवाई अड्डा,
डाकघर - तुलिहल, इम्फाल, मणिपुर - 795140.
दूरभाष : 0385 - 2455069,
फैक्स : 0385 - 2455076,
ई-मेल : apdimphal@aai.aero

O/o The Airport Director
Imphal International Airport,
P. O. Tulihal, Imphal, Manipur - 795 140.
Telephone : 0385 - 2455069,
Fax : 0385 - 2455076,
E-mail : apdimphal@aai.aero

:2:

- 6) You are also directed to contact Asst. General Manager (Engg.-Elect)-II, AAI, Imphal Airport immediately who will arrange to handover the site to you.
- 7) Any further correspondence in connection with the Contract should normally be addressed to the Dy. General Manager (Engg.-Elect.), AAI, Imphal Airport, Imphal-795 140.
- 8) Please acknowledge the receipt of this letter.

Encl:

- (i) Schedule of Work.

Yours faithfully



(A. MARIAPPAN)
Dy. General Manager (Engg.-Elect)
For and on behalf of the Chairman
AAI, Imphal Airport
Imphal - 795 140

Copy to:

1. Airport Director
2. AGM (E-E)-II
3. AGM (F&A)
4. File



(A. MARIAPPAN)
Dy. General Manager (Engg.-Elect)
For and on behalf of the Chairman
AAI, Imphal Airport
Imphal - 795 140

AIRPORTS AUTHORITY OF INDIA
IMPHAL AIRPORT
IMPHAL – 795 140

SCHEDULE OF WORK

Name of Work: Replacement of Old Light Fittings at Perimeter Road Near NH-150 with Hybrid Solar LED Light at Imphal Airport.

Sl.No	Description of Item	Unit	Qty.	Rate	Amount
1	Supply of ALL IN ONE Integrated Hybrid Solar Street Light Fixture of not less than 3000 Lumens with Lumen Efficacy of Minimum 150 Lumens / Watt to achieve 3-5 Lux at a Point with Solar Module of 12 V of Capacity not less than 35 Wp made of Monocrystalline cells, Maintenance Free Lithium Ferro Phosphate (LiFePO4) Battery of Autonomy of Minimum 12 Hrs and Capacity not less than 250 WHr, Housing made of High grade aluminum die-cast / extruded aluminium with good heat dissipation facility, suitable for climatic condition of -10 to +50 Deg C, Humidity of 95% and meeting IP 65 and IK08 requirements etc., Complete but without PIR Sensor as required.	Each	36.00	20,400.00	7,34,400.00
2	Supply of ALL IN ONE Integrated Hybrid Solar Street Light Fixture of not less than 4500 Lumens with Lumen Efficacy of Minimum 150 Lumens / Watt to achieve 3-5 Lux at a Point with Solar Module of 12 V of Capacity not less than 60 Wp made of Monocrystalline Cells, Maintenance Free Lithium Ferro Phosphate (LiFePO4) Battery of Autonomy of Minimum 12 Hrs and Capacity not less than 380 WHr, Housing made of High grade aluminum die-cast / extruded aluminium with good heat Idissipation facility, suitable for climatic condition of -10 to +50 Deg C, Humidity of 95% and meeting IP 65 and IK08 requirements etc., Complete but without PIR Sensor as required.	Each	78.00	24,600.00	19,18,800.00

Sl.No	Description of Item	Unit	Qty.	Rate	Amount
3	Supply of following Height GI OCTAGONAL continuously tapered (Bottom and Top of the pole not be less than 130 mm & 70mm respectively) Street Light Pole suitable for Wind Velocity as per IS 875, fabricated out of 3 mm thick High Tensile Steel Sheet/Plate in single section with rigid flange plate (250x250x12mm Thick min.) welded with the base of pole for fixing on foundation bolts for installation on a precast foundation including supply of 4 Nos. of foundation bolt (M 24 750mm) and providing weather proof and vandal resistant door flush with the exterior surface containing a terminal plate of 5mm thick bakelite sheet with 32A heavy duty connector for loop-in loop-out cable termination suitable for 2 Nos. 4 core 15 sqmm. cable and 6 A DP MCB, Earthing Studs etc., complete as required.				
3.1	4 Mtrs. High	Each	36.00	6,000.00	2,16,000.00
3.2	6 Mtrs. High	Each	78.00	8,160.00	6,36,480.00
4	Supply, Fabrication and Installation of 500 mm long, 40 mm Dia. of "C Class GI pipe bracket with 75 mm Dia. MS cape (to be fixed on the top of pole) with suitable arrangements including sockets, Brackets, nuts, bolts, painting etc., complete as required.	Job	114.00	1,260.00	1,43,640.00
5	Installation of 4 / 6 Mtr. Height Octagonal Street Light Pole with all accessories in RCC foundation with 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size) foundation of size 50x50x150 cm (120 cm below the ground and 30 cm above the ground) (or as per OEM's Standard whichever is better) including excavation and refilling, positioning of template and foundation bolts (supplied with pole to match with pole base plate) and providing and fixing of PE 63, PN 4, HDPE pipe of size 40 mm dia (2 pieces of each minimum 0.75 Mtr length) in the foundation for loop-in loop-out of the cable, numbering the pole etc., complete as required.	Each	114.00	3,600.00	4,10,400.00

Sl.No	Description of Item	Unit	Qty.	Rate	Amount
6	Installation, Testing and Commissioning of All-In-One solar street light fixture with all accessories on existing arm / pole of Height 6 Mtr. with suitable fixing arrangements, providing and wiring with 3 x 2.5 Sq.mm. FRLS copper wire from MCB to Fixture etc., complete as required.	Each	114.00	720.00	82,080.00
7	Supply of following size XLPE insulated PVC sheathed armoured aluminium conductor cable of 1.1 KV Grade confirming to IS:7098 (Part 1) with upto date amendment etc., complete as required. 4 core x 16 Sq.mm.	Meter	4440.00	132.00	5,86,080.00
8	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like Socket, Bend, Couplers etc., conforming to IS 16205, Part 24 / 2018 complete with Fitting, Cutting, jointing etc., direct in ground (75 cm below ground Meter level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. 63 mmdia. (OD-63 mm & ID-51 mm nominal)	Meter	3450.00	192.00	6,62,400.00
9	Laying or one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME / METAL / HDPE pipe etc., as required. Upto 35 Sq. mm.	Meter	4180.00	12.00	50,160.00
10	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.	Meter	7400.00	19.00	1,40,600.00
11	Supplying and making end termination with brass compression gland and aluminium Lugs for following size of PVC insulated and PVC sheathed / 7 XLPE aluminium conductor cable of 1.1 KV grade as required. 4 X 16 sq. mm (28 mm)	Set	228.00	240.00	54,720.00



Sl.No	Description of Item	Unit	Qty.	Rate	Amount
12	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.	Set	13.00	7,200.00	93,600.00
13	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.	Meter	65.00	312.00	20,280.00
14	Dismantling of the Existing Street Light Pole i/c Existing Street Light Fitting and Foundation and shifting Pole and Fitting to the AAI Store as required.	Job	102.00	360.00	36,720.00
				Total Rs.:	57,86,360.00

(Rupees Fifty-Seven Lakh Eight-Six Thousand Three Hundred and Sixty only)


 (A. MARIAPPAN)

Dy. General Manager (E-E)
 For and on behalf of the Chairman
 AAI. Imphal Airport
 Imphal – 795 140