



ISO 9001-2008
Certified Airport

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Ref. No: AAI/ER/PAT/SM (E-E)/Apron HM /WO- 11/2024-25/ 8409

Dated: 23.04.2025

By Speed Post & Email

To,

Variant Infratech Private Limited,
502, 5th Floor, Building no. 72,
Lakshmi Bhawan, Nehru Place,
New Delhi – 110019
Email : sales@variantinfratech.com

Sub: - Construction of New Terminal Building & Other Allied structures (Phase I & II) at Patna Airport.

SH Provision of Apron High Mast and Flood Lights.

**Ref: - (i) AAI Tender Id N: 2025_AAI_228821_1
(ii) Your e-Bid opened on 24.03.2025.**

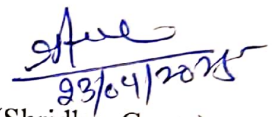
Dear Sir(s),

1. Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 49,28,163.00 (Rupees Forty Nine Lacs Twenty Eight Thousand One Hundred and Sixty Three Only)** (exclusive of GST) which is **53.15%** below the Justified Cost put to tender of **Rs. 1,05,20,124.00**
2. SM (E-E), AAI, J.P.N.I. Airport, Patna shall be the Engineer-In-charge of the work. You are requested to attend the office of SM (E-E), AAI, J.P.N.I. Airport, Patna by **03.05.2025** to sign and complete the contract agreement. The contract agreement shall be executed on a non-Judicial Stamp Paper of Value of **Rs. 100.00 (Rupees One Hundred Only)** and the cost of the stamp paper shall be borne by you.
3. The Earnest Money Amount of **Rs. 2,10,405.00 (Rupees Two Lacs Ten Thousand Four Hundred and Five Only)** received along with your tender will be treated and converted as part of Security Deposit as per Clause No.13 of General Guidelines of Tender document. Please deposit **Rs 2,82,411.00/- (Rupees Two Lacs Eighty-Two Thousand Four Hundred and Eleven 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.
4. You are requested to comply with the provision of Contract Labour (Regulation & Abolition) Act of 1970 and Contract Labour (Regulation & Abolition) Central Rules 1971 and Minimum Wages Act & Rules thereof Central & State Governments.
5. You are also directed to contact Senior Manager (Engg Elect.), AAI, Patna 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 **03 (Three) Months** and same shall be reckoned from **03.05.2025**
7. Any further correspondence in connection with the contract should normally be addressed to the SM (E-E), AAI, J.P.N.I. Airport, Patna.
8. Please note that the defect liability period is **(12) Twelve Months** after the date of Completion of work.
9. 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.

Yours faithfully,


93/04/2025

(Shridhar Gupta)
SM (Elect- Engg)

AAI, J.P.N.I. Airport, Patna.
For and on behalf of the Chairman
Airports Authority of India.

Encl: Schedule A (Schedule of Work)

Schedule of Work

Schedule A

Name of work- Construction of New Terminal Building & Other Allied structures (Phase I &II) at Patna Airport

SH: Provision of Apron High Mast and Flood Lights.

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	Design Supply, Fabrication, Installation, Testing and Commissioning of 25 (Twenty Five) metre height hot dip galvanised high mast shaft in two or three sectioned, hot dip galvanised, suitable for wind velocity as per IS 875 part-3 along with its all accessories : viz head frame, suitable SS wire rope, double or tripple drum winch, Galvanised lantern carriage arrangement to install minimum 12 Nos. flood Light luminaries Asymmetrical arrangement with required cable connection from panel to mast top & fitting cable connection with counter weight (12 Nos. 1x350W LED Flood Light luminaries), lightning finial, integral power tool motor installed inside the base compartment for its operation, trailing cable with suitable size, connector, manual handle, junction box, foundation bolts along with nuts, washers, anchor plates and templates etc. as required for a minimum average lux level of 20 lux as per ICAO standards.	5.00	Job	264264.00	13,21,320.00
2.00	Design Supply, Fabrication, Installation, Testing and Commissioning of 15 (fifteen) metre height hot dip galvanised high mast shaft in two or three sectioned, hot dip galvanised, suitable for wind velocity as per IS 875 part-3 along with its all accessories : viz head frame, suitable SS wire rope, double or tripple drum winch, Galvanised lantern carriage arrangement to install minimum 12 Nos. flood Light luminaries Asymmetrical arrangement with required cable connection from panel to mast top & fitting cable connection with counter weight (12 Nos. 1x350W LED Flood Light luminaries), lightning finial, integral power tool motor installed inside the base compartment for its operation, trailing cable with suitable size, connector, manual handle, junction box, foundation bolts along with nuts, washers, anchor plates and templates etc. as required for a minimum average lux level of 20 lux as per ICAO standards.	1.00	Job	145985.00	1,45,985.00
3.00	Design Supply, Fabrication, Installation, Testing and Commissioning of 12 (Tweleve) metre height hot dip galvanised high mast shaft in two or three sectioned, hot dip galvanised, suitable for wind velocity as per IS 875 part-3 along with its all accessories : viz head frame, suitable SS wire rope, double or tripple drum winch, Galvanised lantern carriage arrangement to install minimum 12 Nos. flood Light luminaries Asymmetrical arrangement with required cable connection from panel to mast top & fitting cable connection with counter weight (12 Nos. 1x350W LED Flood Light luminaries), lightning finial, integral power tool motor installed inside the base compartment for its operation, trailing cable with suitable size, connector, manual handle, junction box, foundation bolts along with nuts, washers, anchor plates and templates etc. as required for a minimum average lux level of 20 lux as per ICAO standards.	1.00	Job	125840.00	1,25,840.00
4.00	Design and casting of suitable shallow foundation with M-20 concrete for the high mast mentioned in item no.-1 considering the safe soil bearing capacity at site as 10T/Sq.Mtr at min. 2 metres depth and as per soil bearing capacity, works also included hard/soft soil excavation & disposal for foundation including erection, testing and commissioning of 25/15/12 mtrs high mast system etc. as required and as per specification mentioned in TS & as per direction of EIC.	7.00	Job	181500.00	12,70,500.00
5.00	Supply, Installation, Testing and Commissioning of following type LED Flood light luminaire which should have system efficacy not less than 110lm/W, should have Narrow beam & sw beam with individual optic lens, IP66 protection, IK08 should have system surge protection upto 20 KV, single piece integral high pressure diecast aluminium housing, complete with electronic power driver, all its accessories, colour temperature should not more than 5700K, suitable to works on 230V+ 10%, 50 Hz AC power suppl etc complete as required following flood light fixtures on the lantern carrier of high mast etc. as required.	12.00	Each	10285.00	1,23,420.00
i	350 W LED Flood light Wide Beam	28.00	Each	10285.00	2,87,980.00
ii	350 W LED Flood light Narrow Beam				
6.00	Supply, Installation, Testing and Commissioning of LED Type low intensity aviation obstruction light suitable for 220 V, 50 HZ AC supply and as per ICAO standard etc. complete as required. As per list of approved make or equivalent.	7.00	Each	5324.00	37,268.00
7.00	Provision of GI pipe earthing for High mast with 2.5M long 40mm dia GI pipe including connection to High mast earth terminal with 25x3mm GI flats with all materials and labour. (2nos per mast required).	14.00	Job	4500.00	63,000.00

Handwritten signature



8.00	Design,Supply,Installation,Testing and Commissioning of outdoor type distribution feeder pillar box with 63 A TPN MCB as incommer,totally enclosed,free standing, vermin dust proof,Water proof,front operated, double door made of 2 mm thick ,rubber gasket,powder coating painting with provision for incoming cable connection 35 Sqmm and out going 16 & 2.5 Sqmm terminals for the power tool motor etc. complete as required provisions for earthing, support for switchgears & busbars with suitable angle iron frame base, floor mounting, Al. bus bar,suitable for operation on 3 Phase and 4 wire, 415V, 50 Hz AC supply system including control wiring, necessary connections etc and supply & mountings of following items. The provision shall be made for High Masts to be operated from ATC Tower by Remote operation with remote control cable as and when requirement. The panel shall have the following accessories etc as required. (a) (0-40) A TPN MCB with breaking Capacity of 10 KA -02 No. (b)Suitable TPN Bus bars of Aluminum alloy-1 Set (c)Power Contactor(32A,3P,3Ph,415V,50 Hz) with necessary timer,relay,MCB as required for automatic switching of luminaries,-1 Set. (d)Power Contactor(9A,2P,1Ph,230 V,50Hz) with necessary timer,relay,MCB as required for automatic switching of aviation light, -1Set. (e)RYB Indicating Lamp (LED Type) - 1 set (f) Rotary switch for auto & manual syastem-1 set (g) Push Button for motor opearton-1 Set (h) Ammeter with selector switch and suitable C/T etc. -01 set (i) Voltmeter with selector switch - 01 set (j) 16 &2.5 Sqmm terminals/connectors for out going etc - 01 set	7.00	Job	32500.00	2,27,500.00
9.00	Dismantalling of existing 16 mtr High mast (Make- Bajaj) in good condition from the operational area i/c carraging & brought out at designated location near new ATC tower within the AAI permises as decided by AAI & as per direction of EIC..	1.00	Job	60500.00	60,500.00
10.00	Supply of following sizes XLPE insulated & PVC sheathed,1.1 KV grade, Cu /Al conductor, armoured power cable confirming to IS: 7098, Part-1/1988 with upto date amendments.				
	(a) 3.5 x 120 Sq.mm. Aluminium conductor	500.00	Metre	650.00	3,25,000.00
	(b) 3.5 x 35 Sq.mm. Aluminium conductor	2000.00	Metre	188.00	3,76,000.00
11.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable/RC Cable of 1.1 KV grade upto size above 95 Sq.mm & upto 185 sqmm in the existing masonry open duct as required.	500.00	Metre	242.00	1,21,000.00
12.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable/RC Cable of 1.1 KV grade upto size 35 Sq.mm in the existing masonry open duct as required.	200.00	Metre	160.00	32,000.00
13.00	Laying of one number PVC insulated and PVC sheathed/XLPE power cable/RC Cable 1.1KV grade of upto size 35 Sq.mm. in the existing RCC/HUME/STONE WARE/Metal /HDPE pipe as reqd.	1800.00	Metre	160.00	2,88,000.00
14.00	Supplying and making end termination with brass compression gland and aluminium/copper lugs for following size of PVC insuated and PVC sheathed/XLPE power cable of 1.1KV grade as reqd.				
	(a) 3.5 x 120 Sq.mm. Al Cable	2.00	EACH	1250.00	2,500.00
	(b) 3.5 x 35 Sq.mm. Al Cable	14.00	EACH	1250.00	17,500.00
15.00	Excavation of hard rock for existing concrete platform/cable trench up to width of 1.5 mtr & lift upto 1.5 mtr including getting out and disposal of excavated soil as directed by EIC.	10.00	CUM	10285.00	1,02,850.00
				Total Rs.	49,28,163.00

Note:- GST Extra as applicable

After
GAI (E.F.)
23/04/2025

Signature Not Verified

Digitally signed by SHRIDHAR GUPTA
Date: 2026.03.05 12:11:18 IST
Location: eProcurement System for Central PSUs



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