



ISO 9001:2008
Certified Airport

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

Ref. No: AAI/ER/PAT/SM (E-E)/ Fire Suppression for DG/WO-19/2025-26/ 865/ Dated: 17.11.2025

By Speed Post& Email

To,

M/s. Nexpo Power Solutions Private Limited,
A-80, 1st floor, DDA Shed,
Okhla Industrial Area Phase – II
New Delhi – 110020
Email: - sales@nexpoindia.com, pankaj@nexpoindia.com

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

SH- Provision of Aerosol Based Green Gas based Fire Suppression System for DG Generators Sets

Ref: - (i) AAI Tender Id N: 2025_AAI_251925_1

(ii) Your e-Bid opened on 05.11.2025.

Dear Sir(s),

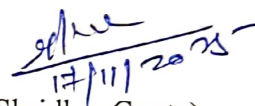
1. Your tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 96,06,600.00 (Rupees Ninty Six Lac Six Thousand and Six Hundred Only) (Exclusive of GST)** which is 1.63% below the Justified Cost put to tender of **Rs.97,66,224.00**
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 **27.11.2025** 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. Please deposit **Rs. 9,60,660/- (Twenty-Nine Lakh Sixty Thousand Six Hundred and Sixty 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 rules & directions.
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 and Minimum Wages Act & Rules there of 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.



Please note that the time allowed for carrying out the work shall be **02(Two) Months** and same shall be reckoned from **27.11.2025**.

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,


17/11/2025

(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

Name of work :- Construction of New Domestic Terminal Building and other allied structures (Phase I & II) at Patna Airport . SH : Provision of Aerosole Based Green Gas based Fire Suppression System for DG Generators Sets.

Sl. No.	Item Description	Unit	Qty	Rate	Amount
A. AEROSOL BASED AUTOMATIC FIRE SUPPRESSION SYSTEM					
1	SITC of Aerosol Generator having aerosol mass of 1500gm shall be electrically actuated by means of Fire Alarm cum Release Panel. The housing shall be constructed of stainless steel shell. Housing shall be sealed with a non permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 and having UL/EN/VDS as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Aerosol generators shall be listed by Underwriter's Laboratories (UL) to UL Subject 2775 covering Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Gland. DG SET	SET	4	227650.00	910600.00
2	SITC of Aerosol Generator having aerosol mass of 2500gm shall be electrically actuated by means of Fire Alarm cum Release Panel. The housing shall be constructed of stainless steel shell. Housing shall be sealed with a non permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 and having UL/EN/VDS as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Aerosol generators shall be listed by Underwriter's Laboratories (UL) to UL Subject 2775 covering Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Gland. DG SET	SET	15	350000.00	5250000.00
3	Supply, Installation & testing of First Responder The unit housing shall be constructed of metal and incorporate insulating/cooling material. Discharge ports for agent release shall be located around the circumference of the housing. Housing shall accept a M201 specification MIL-DTL-51353 certificate for purpose modified grenade type fuze initiator and shall be non-pressurized prior to system activation. Initiator and CSIRO Activefire certification. The initiator shall be subject to 100% inspection by means of x-ray. Safety. Units shall incorporate dual safety devices – a crimped safety pin which is withdrawn by means of a pull ring, and a safety clip which locks the pull ring and requires that the pull ring be twisted to allow the pull ring to withdraw the safety pin. The initiator shall incorporate a minimum 3.5 second delay timer prior to activation. Aerosol Agent. Aerosol generated shall be potassium based and shall have no ozone depletion potential and no global warming potential. Agent shall be approved for commercial sale by the US EPA. Dimensions. Unit shall contain 500 grams of aerosol forming composition and shall be of nominal dimensions 5.7 inches tall (7.0 including initiator mechanism) with a body diameter of 3.19 inches.	Set	5	275000.00	1375000.00
B. GAS RELEASE AND FIRE DETECTION SYSTEM					
4	Design, Supply, Installation, Testing and Commissioning of UL listed Digital Linear Heat Detection System to protect the DG sets with an inbuilt monitoring system having twin-conductor switching heat sensing conductors, effective monitoring at precise point of risk and having 5 detection temprature ranges. The detection can identify the exact location and can be resettable features from local control panel and may have provision for fire alarm integration along with all necessary accessories.	No's.	5	223850.00	1119250.00
5	Supply, installation testing & commissioning of Conventional agent release control panel with battery back up for 30 minutes in alarm condition having UL Certified approval. Panel shall be of zones with necessary manual release switch, zone indication, fault indication, alarm display. Quoted rate shall include necessary battery & interconnections.	No's.	5	155350.00	776750.00
6	Supply, installation, testing & commissioning of CE Listed Conventional Sounder cum strobe with 24V DC, Audiable Sound 75 db @ 1 mtr range (16 V DC). It is used for Fire, Burglar & Emergency Alarm System, Low current consume @ 47 -73 mA Candela: flashing every second, 4 candela settings:15/30/75/110cd output and 2 different tone audiable sound.	No's.	5	17500.00	87500.00
7	Supply and Laying of 2C X 1.5 sq. mm. FRLS armored Cable with accessories Llike junction boxes, shaddle, clamp, screws etc.	Mtr.	250	350.00	87500.00
TOTAL					96,06,600.00

(Rs. Ninety Six Lac Six Thousand and Six Hundred)

Note:- GST Extra as applicable

Sr. Manager (E-E)
JPNI AIRPORT PATNA