



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

रेफरी. नहीं Ref. No. AAI/BG/ENGG(E)/KIA/CAPITAL/GAS SUPPRESSION/2025-26/231 दिनांक Date: 24.10.2025

कार्यादेश / Work Order

स्पीड पोस्ट/ईमेल

सेवा में,
मेसर्स नेक्सस फायर एंड सिक्योरिटी सिस्टम्स,
आरएआर-107ए, ग्राउंड फ्लोर, राजेंद्र अरिहंत टॉवर, बी1
कम्युनिटी सेंटर, जनकपुरी,
नई दिल्ली-110058.
ईमेल: nexusfire@nfss.com

To,
M/s. Nexus Fire & Security Systems,
RAR-107A, Ground Floor, Rajendra Arihant Tower,
B1 Community Centre, Janakpuri,
New Delhi-110058.
Email: nexusfire@nfss.com

कार्य का नाम : केआईए, बेंगलुरु में एनएवी-एड्स और अन्य प्रतिष्ठानों के लिए गैस आधारित अग्नि शमन प्रणाली का डिजाइन, निर्माण, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग।
Sub : **Design, manufacturing, supply, installation, testing and commissioning of Gas based Fire Suppression system for NAV-AIDS and other installations at KIA, Bengaluru.**

संदर्भ सं. : आपकी निविदा (वित्तीय बोली) 17.09.2025 को खोली गई (निविदा आईडी: 2025_AAI_242346_1)
Ref. No. Your tender (Financial bid) opened on 17.09.2025 (Tender ID: 2025_AAI_242346_1)

महोदय / Dear Sir,

- उपर्युक्त कार्य के लिए आपकी ई-निविदा, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा उद्धृत मद दरों पर, कुल 53,06,010.00/- रुपये (तिरपन लाख छह हजार दस रुपये मात्र) जीएसटी को छोड़कर स्वीकार की जाती है, जो कि निविदा में रखी गई अनुमानित लागत 86,00,230.00/- रुपये (जीएसटी को छोड़कर) से -38.30% 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 totalling to Rs **53,06,010.00/- (Rupees Fifty-Three Lakhs Six Thousand Ten Only) excluding GST** which is -38.30% below the estimated cost put to tender of Rs 86,00,230.00/- (excluding GST).

- सहायक महाप्रबंधक (इंजीनियरिंग-ई), एटीएस कॉम्प्लेक्स, अल्फा-1 केआईए, बेंगलूर, कार्य के प्रभारी अभियंता होंगे और प्रबंधक (इंजीनियरिंग-ई), एटीएस कॉम्प्लेक्स, अल्फा-1 केआईए, बेंगलूर उनके अधिकृत प्रतिनिधि होंगे। आपसे अनुरोध है कि अनुबंध अनुबंध पर हस्ताक्षर करने और उसे पूरा करने के लिए 08.11.2025 तक सहायक महाप्रबंधक (इंजीनियरिंग-ई), एटीएस कॉम्प्लेक्स, अल्फा-1 केआईए, बेंगलूर के कार्यालय में उपस्थित हों। अनुबंध अनुबंध प्रासंगिक नियमों/विनियमों के अनुसार उपयुक्त मूल्य के गैर-न्यायिक स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको वहन करनी होगी।

The Asst. General Manager (Engg-E), ATS Complex, Alpha-1 KIA, Bangalore shall be the Engineer-in-charge of the work and Manager (Engg-E), ATS Complex, Alpha-1 KIA, Bangalore shall be his authorized representative. You are requested to attend the O/o Asst. General Manager (Engg-E), ATS Complex, Alpha-1 KIA, Bangalore, latest by **08.11.2025** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of suitable value as per relevant rules/regulations and the cost of the stamp paper shall be borne by you.

- कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर सुरक्षा जमा के रूप में रु. **5,30,601.00** (पांच लाख तीस हजार छह सौ एक रुपये मात्र) जमा कराएं, अन्यथा अनुबंध दस्तावेज के पृष्ठ संख्या 17 पर खण्ड संख्या 1(ए) की शर्त के अनुसार राशि काट ली जाएगी।

Please deposit Rs **5,30,601.00/- (Rupees Five Lakh Thirty Thousand Six Hundred and One Only)** towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per condition of Clause No.1(A) at page no. 17 of contract document.

Contd....2./.

4. आपसे अनुरोध है कि आप संविदा श्रम (विनियमन एवं उन्मूलन) अधिनियम 1970 एवं संविदा श्रम (विनियमन एवं उन्मूलन) केन्द्रीय नियम 1971, बाल श्रम (प्रतिषेध एवं विनियमन) अधिनियम 1986, निर्माण श्रमिक (श्रमिकों का विनियमन एवं सेवा शर्त) अधिनियम 1996, भवन एवं अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996, निविदा प्रपत्र के पृष्ठ संख्या 50 पर खण्ड 19(बी) में निर्दिष्ट प्रावधानों एवं केन्द्रीय एवं राज्य सरकारों के नियमों 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, Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of workers and condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified the Clause 19(B) on page no. 50 of ace of tender and rules of Central and State Governments.

5. आपको यह भी निर्देश दिया जाता है कि आप प्रबंधक (इंजीनियरिंग-ई), एएआई, एटीएस कॉम्प्लेक्स, केआईए, बेंगलूर 560300 से तुरंत संपर्क करें, जो आपको साइट सौंपने की व्यवस्था करेंगे।

You are also directed to contact Manager (Engg-E), AAI, ATS complex, KIA, Bangalore 560300 immediately, who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय 06 (छह) महीने होगा और इसकी गणना इस पत्र के जारी होने के 10वें दिन से अर्थात् 03.11.2025 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 after issue of this letter i.e, from 03.11.2025.

7. इस ठेके के संबंध में आगे का पत्राचार प्रभारी अभियंता के पते पर किया जाये।

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

8. कृपया पावती भेजें तथा अपनी सहमती संलग्नित डुप्लिकेट प्रति पर हस्ताक्षर कर प्रेषित करें।

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.

भवदीय/Yours Faithfully,



(अरुणकुमार के / ARUNKUMAR K)

सहायक महा प्रबंधक (अभि-वि)/ Asstt. General Manager (Engg-E)
अध्यक्ष के लिए एवं की ओर से/For & On Behalf of The Chairman
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India.

सहायक महाप्रबंधक (अभि- विद्युत)

ASST. GENERAL MANAGER (ENGG-ELECTRICAL)

भारतिया विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

केंद्राधीन अंतराष्ट्रीय हवाई अड्डा, बेंगलूर-५६०३००

अनुलग्नक/ Encl: Schedule of Quantities.

Note: (1) In case of discrepancy in between Hindi and English. English version shall prevail.

(2) The GSTIN registration no. of AAI for Karnataka State is **29AAAG6412D273**

KEMPE Gowda International Airport, BANGALURU-560300

Validate

Print

Help

Schedule of Quantities

Name of work : Design, Supply, Installation, Testing and Commissioning of Gas based Fire Suppression System for NAV- AIDS and other Installations at KIA, Bengaluru.

Contract No: 2025_AAI_242346_1

Bidder Name :	NEXUS FIRE & SECURITY SYSTEMS					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBE R #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder excluding GST Rs. P	TOTAL AMOUNT excluding GST Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Design, Supply, Installation, Testing and Commissioning of Gas based Fire Suppression System for the following locations consisting of PESO Approved Cylinder and valve assembly, extinguishing agent, arrangement for supervisory switch connection for monitoring cylinder pressure, pressure guage with a safety burst disc, electronic control head / Solenoid with provision for manual operation, flexible hose, cylinder strap, NRV (if applicable), Pressure Switch and safety cap, required nos. of Discharge Nozzles, Piping, Manifold, Fire Alarm cum Gas Release Panel with required nos of smoke detectors, Strobe cum hooters, RI etc, Autodialler (Landline compatable), Manual gas release and abort station (Pull type) with weather proof enclosure, FRLS armoured copper cabling and all required modules/accessories etc. complete as required as per technical specifications. Note : (1) The system shall have PESO / BIS / UL / VDS certified technology that allows for a higher capacity to overcome frictional losses and allow for higher distances of the agent flow; and also allow for better agent penetration in enclosed electronic equipment such as Server Racks etc. (2) Extinguishing Agent : CLEAN AGENT (FK-5-1-12) shall be Colourless and odour less gas giving Zero Ozone Depletion Potential (ODP). The Quantity of Clean agent shall be determined based on the given room volume and as per relevant certification. Fill Density certificate shall be submitted from PESO approved filling station. (3) Complete system design i/c preparation of shop drawings, submission of technical details of all components, selection of Cylinder capacity, Gas Volume, discharge valves, Nos. of Nozzles, piping design and pressure calculations using certified design software. The final design shall be duly vetted by the manufacturer (OEM) and submitted to the Engineer-in-Charge for approval before the commencement of work.					
1.01	Localizer Hut-27L (South Runway) Note :- (1) Room No. 1 :- Equipment Room (LxWxH) : 5.50m X 3.50m X 3.30m (Avg. H) = 63.53 m3 & Room No. 2 :- Battery Room (LxWxH) : 4.00m X 2.00m X 3.30m (Avg. H) = 26.40 m3 (2) Independent fire suppression system shall be provided for each rooms. (3) Room volume subject to tolerance of ±10%	1	SET	425834.00	425834.00	INR Four Lakh Twenty Five Thousand Eight Hundred & Thirty Four Only
1.02	Localizer Hut-09R (South Runway) Note :- (1) Room No. 1 :- Equipment Room (LxWxH) : 5.50m X 3.50m X 3.30m (Avg. H) = 63.53 m3 & Room No. 2 :- Battery Room (LxWxH) : 4.00m X 2.00m X 3.30m (Avg. H) = 26.40 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of ±10%	1	SET	425834.00	425834.00	INR Four Lakh Twenty Five Thousand Eight Hundred & Thirty Four Only



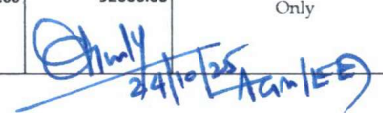
 24/10/2025

 AGM/EEB

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder excluding GST Rs. P	TOTAL AMOUNT excluding GST Rs. P	TOTAL AMOUNT In Words
1.03	Glide Path Hut-27L (South Runway) Note:- (1) Room No. 1 :- Equipment Room (LXWXH) : 4.00m X 3.50m X 3.30m (Avg. H) = 46.20 m3 & Room No. 2 :- Battery Room (LXWXH) : 2.72m X 3.50m X 3.30m (Avg. H) = 31.42 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$	1	SET	385300.00	385300.00	INR Three Lakh Eighty Five Thousand Three Hundred Only
1.04	Glide Path Hut-09R (South Runway) Note:- (1) Room No. 1 :- Equipment Room (LXWXH) : 4.00m X 3.50m X 3.30m (Avg. H) = 46.20 m3 & Room No. 2 :- Battery Room (LXWXH) : 2.72m X 3.50m X 3.30m (Avg. H) = 31.42 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$	1	SET	385300.00	385300.00	INR Three Lakh Eighty Five Thousand Three Hundred Only
1.05	Localizer Hut-27R (North Runway) Note :- (1) Room No. 1 :- Equipment Room (LXWXH) : 5.00m X 4.04m X 3.25m (Avg. H) = 65.65 m3 & Room No. 2 :- Battery Room (LXWXH) : 5m X 3.76m X 3.25m (Avg. H) = 61.1 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$	1	SET	493068.00	493068.00	INR Four Lakh Ninety Three Thousand & Sixty Eight Only
1.06	Localizer Hut-09L (North Runway) Note :- (1) Room No. 1 :- Equipment Room (LXWXH) : 5.00m X 4.04m X 3.25m (Avg. H) = 65.65 m3 & Room No. 2 :- Battery Room (LXWXH) : 5m X 3.76m X 3.25m (Avg. H) = 61.1 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$	1	SET	493068.00	493068.00	INR Four Lakh Ninety Three Thousand & Sixty Eight Only
1.07	Glidepath Hut-27R (North Runway) Note :- (1) Room No. 1 :- Equipment Room (LXWXH) : 5.00m X 4.04m X 3.25m (Avg. H) = 65.65 m3 & Room No. 2 :- Battery Room (LXWXH) : 5m X 3.76m X 3.25m (Avg. H) = 61.1 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$	1	SET	493068.00	493068.00	INR Four Lakh Ninety Three Thousand & Sixty Eight Only
1.08	Glidepath Hut-09L (North Runway) Note :- (1) Room No. 1 :- Equipment Room (LXWXH) : 5.00m X 4.04m X 3.25m (Avg. H) = 65.65 m3 & Room No. 2 :- Battery Room (LXWXH) : 5m X 3.76m X 3.25m (Avg. H) = 61.1 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$	1	SET	493068.00	493068.00	INR Four Lakh Ninety Three Thousand & Sixty Eight Only
1.09	DVOR Building (North Runway) Note :- (1) Room No. 1 :- Equipment Room (LXWXH*) : 5.00m X 4.00m X 3.40m = 68.00 m3 & Room No. 2 :- Battery Room (LXWXH*) : 2.25m X 3.00m X 3.40m = 22.95 m3 (2) Independent fire suppression system shall be provided for each room. (3) Room volume subject to tolerance of $\pm 10\%$ (4) *The given room height includes a 0.30 m high false ceiling void, which shall also be covered under fire protection.	1	SET	424134.00	424134.00	INR Four Lakh Twenty Four Thousand One Hundred & Thirty Four Only


 24/10/25
 AGM/1507

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder excluding GST Rs. P	TOTAL AMOUNT excluding GST Rs. P	TOTAL AMOUNT In Words
1.10	Fall back Server Room (Alpha-1 Building) Note :- (1) Room Dimensions (LXWXH)* :- 8.10m X 7.70m X 4.20m = 244.48 m3** (** After excluding Entrance lobby area of 2.60m (L) x 1.60m (W) x 4.20m (H) = 17.47 m3 from protection zone). (2) Room volume subject to tolerance of ±10% (3) * The given room height includes a 1.35 m high false ceiling void and 0.35m false floor void, which shall also be covered under fire protection.	1	SET	489918.00	489918.00	INR Four Lakh Eighty Nine Thousand Nine Hundred & Eighteen Only
1.11	Fall Back UPS and Battery Room (Alpha-1 Building) Note :- (1) Room Dimensions (LXWXH)* :- 7.70 m X 7.60 m X 4.20 m* = 221.97** (* After excluding Entrance lobby area of 1.80m (L) x 3.15 m (W) x 4.20 m (H) = 23.81 m3 from protection zone). (2) Room volume subject to tolerance of ±10% (3) * The given room height includes a 1.40 m high false ceiling void, which shall also be covered under fire protection.	1	SET	465418.00	465418.00	INR Four Lakh Sixty Five Thousand Four Hundred & Eighteen Only
2	Design, Supply, Installation, Testing and Commissioning of Automatic heat detection Tube Gas Fire Suppression System for Electrical Panels consisting of PESO approved storage cylinders with steel mounting bracket, extinguishing agent, heat sensitive detection tube and cylinder valve, associated accessories such as pressure gauge, adaptors, pressure switch, tube fittings, Master control unit with hooter etc, complete as required for satisfactory operation of system complete as per technical specification. Note: (1) All system assemblies and components shall be subjected to the applicable testing by 3rd party testing agencies as PESO / BIS / VDS / UL / LPCB. (2) Extinguishing Agent : CLEAN AGENT (FK-5-1-12) shall be Colourless and odour less gas with Zero Ozone Depletion Potential (ODP). The Quantity of Clean agent shall be determined based on the given largest enclosure volume. (3) Complete system design i/c preparation of shop drawings, submission of technical details of all components, selection of Cylinder capacity, Gas Volume, tube sizing etc duly vetted by the manufacturer (OEM) and submitted to the Engineer-in-Charge for approval before the commencement of work.					
2.01	Main LT panel at Alpha-2 switch room Note :- (a) Panel Dimension : LxWxH = 6.4m x 0.6m x 2.4m (b) Total no. of Enclosures = 08 Nos (c) Volume of largest cubicle= 0.80mx0.60mx2.40m= 1.15 m3 (d) Cubicle volume subject to tolerance of ±10%	1	Job	46000.00	46000.00	INR Forty Six Thousand Only
2.02	UPS Panel Incomer Sub LT Panel at Alpha-2 switch room Note :- [a] Panel Dimension : LxWxH = 1.05 m x 0.3m x 1m (b) Total no. of Enclosures = 04 Nos (c) Volume of largest cubicle= 0.45mx0.30mx0.7m= 0.0945 m3 (d) Cubicle volume subject to tolerance of ±10%	2	Job	46000.00	92000.00	INR Ninety Two Thousand Only
2.03	LT Panel and DB at NAV-AIDS sites at Localizer (South Runway) Note :- (a) Panel Dimension (LxWxH) = 1.7 m x 0.4 m x 1.6 m (b) Total no of Enclosures = 03 Nos (including adjacent DB) (c) Volume of largest cubicle= 0.8 mx0.40mx 1.60 m= 0.51 m3 (d) Cubicle volume subject to tolerance of ±10%	2	Job	46000.00	92000.00	INR Ninety Two Thousand Only



 Only 24/10/25 Agm/EE

Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder excluding GST Rs. P	TOTAL AMOUNT excluding GST Rs. P	TOTAL AMOUNT In Words
3	Supply and fixing of following capacity of Modular type Automatic Fire extinguisher , filled with clean agent (FK5.1.12) with all accessories, valve assembly with sprinkler bulb etc i/c fixing on ceiling complete as per technical specification and as per the direction of Engineer-in-charge.					
3.01	5 kg Capacity	6	Each	17000.00	102000.00	INR One Lakh Two Thousand Only
Total in Figures					5306010.00	INR Fifty Three Lakh Six Thousand & Ten Only
Quoted Rate in Words		INR Fifty Three Lakh Six Thousand & Ten Only				


 (अरुणकुमार के / ARUNKUMAR K)
 सहायक महा प्रबंधक (अभि-वि)/ Asstt. General Manager (Engg-E)
 भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India.
सहायक महाप्रबंधक (अभि- विद्युत)
ASST. GENERAL MANAGER (ENGG-ELECTRICAL)
भारतिया विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
 केम्पेगौडा अंतराष्ट्रीय हवाई अड्डा, बेंगलुरु-५६०३००
KEMPEGOWDA INTERNATIONAL AIRPORT, BENGALURU-560300