



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

(स्पीड पोस्ट एवं ईमेल द्वारा)

संदर्भ सं. एएआई/यूडीआर/इंजी.(ई)/2025-26/एमएसएसआर/फायर/डब्लूओ-05/1127
Ref. No. AAI/UDR/ENGG-E/2025-26/MSSR/Fire/WO-05/

दिनांक: 09.05.2025
Date: 09.05.2025

मैसर्स एडवेंट इलेक्ट्रीक टेक्नोलॉजीस प्रा.लि.,
वाई-51, ओखला, फेज-द्वितीय
नई दिल्ली - 110020

M/s Advent Electric Technologies Pvt.Ltd.,
Y-51, Okhla, Phase-II
New Delhi-110020
(Email ID:info@adventelectric.co.in)

विषय:- इंन्टोलेशन ऑफ न्यू स्टैंड एलोन एमएसएसआर बिल्डिंग एट महाराणा प्रताप हवाई अड्डा, उदयपुर।
उपशीर्ष: एस.आई.टी.सी. ऑफ गैस बेस्ड फायर सप्रेसन सिस्टम एण्ड फायर डिटेक्शन एण्ड अलार्म सिस्टम।

(टेंडर आईडी : 2025_AAI_225449_1)

Subject:- Installation of new stand alone MSSR Building at Maharana Pratap Airport, Udaipur. SH: SITC of Gas based Fire Suppression System & Fire Detection and Alarm System.
(Tender ID : 2025_AAI_225449_1)

Ref.: Your E-tender cover-II (Financial bid) opened on dated 11.03.2025.

महोदय, / Dear Sir(S)

- ऊपर उल्लिखित कार्य हेतु आपकी निविदा अध्यक्ष भारतीय विमानपत्तन प्राधिकरण कि ओर से स्वीकृत की जाती है। आपके द्वारा बताए गये मद मूल्यों पर आपकी निविदा राशि **रु. 30,86,150.00 (रुपये तीस लाख छियासी हजार एक सौ पच्चास मात्र) (जीएसटी अतिरिक्त)** है जो कि निविदा अनुमानित राशि **रुपये 41,64,519.00** से **25.89%** कम है।
Your 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 totaling to **Rs. 30,86,150.00 (Rupees: Thirty Lakh Eighty Six Thousand One Hundred Fifty Only) (excluding GST)** which is **25.89%** below the estimated cost put to tender of **Rs. 41,64,519.00**.
- वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत), भाविप्रा, ऑपरेशनल ऑफिसिस बिल्डिंग, महाराणा प्रताप हवाई अड्डा, उदयपुर 313022 कार्य के प्रभारी अभियंता होंगे, आपसे निवेदन है कि, आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्त करें, जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 02.06.2025 तक वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत), भाविप्रा, ऑपरेशनल ऑफिसिस बिल्डिंग, महाराणा प्रताप हवाई अड्डा, उदयपुर 313022 के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके के करारनामा 100/- रु के नोनजुडिशियल स्टैम्प पेपर पर निष्पादित किया जायेगा तथा पेपर का खर्चा आपके द्वारा उठाया जाएगा।
Senior Manager (Engg-Electrical), AAI, Operational Offices Building, Maharana Pratap Airport, Udaipur 313022 shall be the Engineer-in-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office of the Senior Manager (Engg-Electrical), AAI, Operational Offices Building, Maharana Pratap Airport, Udaipur 313022 by 02.06.2025 to sign and complete the 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
- आपके टेंडर के साथ प्राप्त धरोहर राशि **रु. 1,24,936.00** निविदा के जीसीसी पृष्ठ 16 पर उल्लेखित शर्त 1A के अनुसार जमानत राशि में परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने कि तिथि से 10 दिनों के भीतर जमानत राशि कि बकाया राशि **रु. 1,83,679.00 (रुपये एक लाख तिरासी हजार छह सौ उन्नासी मात्र)** जमा कराये, असफल होने पर निविदा के जीसीसी पृष्ठ 16 पर उल्लेखित शर्त 1A के अनुसार आपके चालू बिल से काट ली जाएगी।



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The earnest money amount of **Rs. 1,24,936.00** received along with your tender will be treated and converted as part of security deposit as per clause 1A on GCC page 16 of tender document. Please deposit **Rs. 1,83,679.00 (Rupees: One Lakh Eighty Three Thousand Six Hundred Seventy Nine 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 clause 1A on GCC page 16 of tender document.

4. निवेदन है कि आप केन्द्रीय और राज्य सरकारों के 1970 के अधिनियम अनुबन्ध श्रम नियम 1971 के केन्द्रीय नियम (नियमन तथा उन्मूलन) एवं केन्द्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के अनुपालन करें।
You are requested to comply with the Provisions of Contract labour (Regulation and Abolition) Act of 1970 and Contract labour (Regulation and Abolition) Central Rules 1971 & minimum Wages Act & Rules thereof of Central & State Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबन्धक (अभियांत्रिकी-विद्युत), भाविप्रा, ऑपरेशनल ऑफिस बिल्डिंग, महाराणा प्रताप हवाई अड्डा, उदयपुर 313022 से मिलें वह आपको साइट सौंपने की व्यवस्था करेंगे।
You are also directed to contact Manager (Engg-Electrical), AAI, Operational Offices Building, Maharana Pratap Airport, Udaipur 313022 immediately who will arrange to hand over the site to you.
6. कृपया नोट करें कि काम करने का अनुमत समय **पांच (05) माह** है जो कि इस पत्र के जारी होने के 10 वें दिन से गिना जाएगा।
Please note that the time allowed for carrying out the work is **Five (05) Months** same shall be reckoned from the 10th day after issue of this letter.
7. इस ठेके के संबंध में आगे का कोई भी पत्राचार **प्रभारी अभियंता** के पते पर किया जाए।
Any further correspondence in connection with the contract should normally be addressed to the **Engineer-In-Charge**.
8. ठेके की त्रुटि दायित्व अवधि **(12) बारह माह** है जो कि कार्य समाप्ति की तिथि से गिना जाएगा।
The defect liability period is **(12) Twelve Months** for work after the actual date of completion of work.
9. यदि अंग्रेजी एवं हिंदी भाषा में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जायेगा।
If there is any discrepancy in English and Hindi content, the meaning derived in English will be given precedence.
10. उपरोक्त सम्बंधी संदर्भित सभी पत्र इस ठेके का भाग होंगे।
All the letters referred above shall form part of contract.
11. कृपया पावतों भेजें।
Please acknowledge the receipts.

संलग्न : Schedule of Quantities (07 page).

भवदीय / Yours faithfully

वरिष्ठ प्रबन्धक (अभियांत्रिकी-विद्युत) / Senior Manager (Engg-Electrical)
भाविप्रा, महाराणा प्रताप हवाई अड्डा, उदयपुर / AAI, M.P. Airport, Udaipur
कृते तथा ओर से, अध्यक्ष, भा.वि.प्रा. / For and on behalf of the Chairman, AAI

Item Rate BOQ

Tender Inviting Authority: SM (Engg.-Elect.), AAI, M.P. Airport, Udaipur						
Name of Work: Installation of new stand alone MSSR at Maharana Pratap Airport, Udaipur. SH: SITC of Gas based Fire Suppression System & Fire Detection and Alarm System.						
Contract No: AAI/UDR/ENGG(E)/2024-25/MSSR/FSS						
Name of the Bidder/ Bidding Firm / Company :	M/s Advent Electric Technologies Pvt.Ltd., New Delhi					
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 #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Supply, Installation, Testing & Commissioning of automatic fire gas (FK-5-1-12), at 4.5% design concentration, flooding system comprising of the following as per NFPA 2001 & Up to date amended standards including providing and fixing of Class-C heavy duty M.S. seamless pipe ASTM A-106(Sch 40) complete with all fittings painting with one coat of red oxide and 2 coats of enamel paint; piping to be fixed on ceiling with MS suspended supports, clamps anchor fasteners, cutting chases / holes in valve ceiling and making good the same as required, piping sizes shall be as per flow calculation and as per site requirement and complete as per tender specifications.					
1.1	Seamless storage 80L cylinder suitable for FK-5-1-12 fire suppression fluid with complete valve assembly, pressure gauge with all safety features and pressure switch and other standard accessories including cylinder strap. (Cylinders Shall Be BIS certified & PESO Approved).	3	Each	157000.00	471000.00	INR Four Lakh Seventy One Thousand Only

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.2	Seamless storage 120L suitable for FK-5-1-12 fire suppression fluid with complete valve assembly, pressure gauge with all safety features and other standard accessories including cylinder strap. (Cylinders Shall Be BIS certified & PESO Approved).	2	Each	170000.00	340000.00	INR Three Lakh Forty Thousand Only
1.3	Seamless storage 140L suitable for FK-5-1-12 fire suppression fluid with complete valve assembly, pressure gauge with all safety features and other standard accessories including cylinder strap. (Cylinders Shall Be BIS certified & PESO Approved).	3	Each	170000.00	510000.00	INR Five Lakh Ten Thousand Only
2	Supply & filling of clean, odourless, colour less, UL listed and suitable for fire class - A, B & C fire suppression agent (FK-5-1-12 fire suppression fluid) for item no 1. etc, complete as per tender specification, as per site requirement. (Gas shall be UL Listed and Chromatography Report is required).	700	Kg	1500.00	1050000.00	INR Ten Lakh Fifty Thousand Only
3	Supply, Installation, Testing and commissioning of single loop intelligent addressable panel with 24 hour battery backup having modbus/ backnet facility to connect with graphic software confirming to UL/EN54 and suitable for connecting all the devices including detectors of MSSR building and antenna room.	1	Each	70000.00	70000.00	INR Seventy Thousand Only
4	Supply, Installation, Testing & Commissioning of Electrical cum Manual actuator to operate the gas manually from the cylinder with all accessories complete as per tender specification and as per site requirement.	5	Each	18000.00	90000.00	INR Ninety Thousand Only

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
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1	2	3	4	5	6	7
5	Supply, Installation, Testing & Commissioning of Pneumatic actuator valve 1.2bar-6bar 24V or 230V AC for triggering the cylinder assembly complete as requirement complete as per tender specification and as per site requirement.	3	Each	6000.00	18000.00	INR Eighteen Thousand Only
6	Supply, Installation, Testing & Commissioning of High pressure flexible rubber discharge hose with braided reinforcement to route the FK 5-1-12 gas from storage cylinders to the discharge piping complete as required & as per technical specification (shall be UL listed).	8	Each	6000.00	48000.00	INR Forty Eight Thousand Only
7	Supply, Installation, Testing & Commissioning of Discharge nozzles designed to provide the proper flow and distribution of gas to flood hazard area at - 360 degrees/as per tender specification and as per site requirement (shall be UL listed).	18	Each	3000.00	54000.00	INR Fifty Four Thousand Only
8	Supply, Installation, Testing & Commissioning of Gas discharge pressure switch to trip A.C. electrical equip. etc for FK 5-1-12 System complete as per tender specification and as per site requirement (shall be UL listed).	5	Each	6800.00	34000.00	INR Thirty Four Thousand Only
9	Supply, Installation, Testing & Commissioning of Manifold check valve to permit removal of individual FM storage cylinders as per requirement for FK 5-1-12 System complete as per tender specification and as per site requirement (shall be UL listed).	2	Each	7200.00	14400.00	INR Fourteen Thousand Four Hundred Only



NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
10	Supply, Installation, Testing & Commissioning of Manual gas release station having manual break glass push button type call points with auxiliary contacts, hammer etc for FK 5-1-12 System complete as per tender specification and as per site requirement.	5	Each	1100.00	5500.00	INR Five Thousand Five Hundred Only
11	Supply, Installation, Testing & Commissioning of Manual gas abort station having manual break glass push button type call points with auxiliary contacts, hammer gland etc for FK 5-1-12 System complete as per tender specification and as per site requirement.	5	Each	1100.00	5500.00	INR Five Thousand Five Hundred Only
12	Supply, Installation, Testing & Commissioning of Hooter cum strobe having min 80DB sound type for FK 5-1-12 System complete as per tender specification and as per site requirement.	5	Each	600.00	3000.00	INR Three Thousand Only
13	Supply, Installation, Testing & Commissioning of Fire Alarm Gas release panel with built in time relay, auto/manual selector switch, housed in a suitable 16 SWG M.S. Sheet panel for successful auto operation of FK 5-1-12 System during fire condition.) Audio / Visual indications by dual lamps LED's for fire and fault in each zone with lamp test facility. The control panel shall be provided with standby power supply of 2 x 12 volts, 7 AH sealed maintenance free batteries complete with circuit wiring etc., as per IS : 2189 & upto date Amendment and have Provision for testing each circuit separately including resetting complete as per tender specification and as per site requirement.	5	Each	18000.00	90000.00	INR Ninety Thousand Only



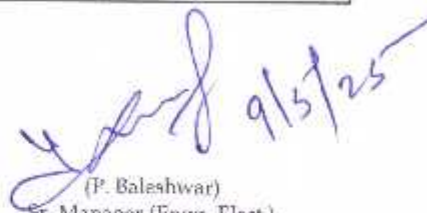
NUMBER # Sl. No.	TEXT # Item Description	NUMBER Quantit y	TEXT # Units	NUMBER # RATE (excluding GST) In Figures To be entered by the Bidder	NUMBER # TOTAL AMOUNT including all Taxes but excluding GST	TEXT # TOTAL AMOUNT In Words
1	2	3	4	5	6	7
14	Supply, installation, testing and commissioning of Autodialer suitable for interfacing with Fire Alarm Panel with complete programming complete as required.	1	Each	3000.00	3000.00	INR Three Thousand Only
15	Supplying, installation, testing and commissioning of addressable multisensor type smoke detector , conforming to UL/LPCB/FMI/EN-54, with all accessories viz : indicator, base, base box etc. to be installed on ceiling / false ceiling etc. complete as per site requirement.	30	Each	2200.00	66000.00	INR Sixty Six Thousand Only
16	Supplying, installation, testing and commissioning of conventional multisensor type smoke detector , conforming to UL/LPCB/FMI/EN-54, with all accessories viz : indicator, base, base box etc. to be installed on ceiling / false ceiling etc. complete as per site requirement.	15	Each	1200.00	18000.00	INR Eighteen Thousand Only
17	Supply, Installation & commissioning of Monitor Module or Single Input Module for tripping confirming to UL/LPCB/EN-54.	5	Each	3400.00	17000.00	INR Seventeen Thousand Only
18	Supply, Installation & commissioning of addressable Fire Control Relay Module for tripping confirming to UL/LPCB/EN-54.	2	Each	4000.00	8000.00	INR Eight Thousand Only
19	Supply, Installation & commissioning of Addressable Hooter cum strobe confirming to UL/LPCB/EN-54.	2	Each	3400.00	6800.00	INR Six Thousand Eight Hundred Only



NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) In Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
20	Supply, Installation, Testing & Commissioning of addressable Manual call point station having manual break glass with auxiliary contacts, hammer gland etc for System complete as per tender specification, as per site requirement confirming to UL/LPCB/EN54.	2	Each	2600.00	5200.00	INR Five Thousand Two Hundred Only
21	Supply and laying of PVC insulated, PVC sheathed, FRLS armored copper conductor of cable as per IS 1554- Part- I of size 2x1.5 sq. mm complete as per site requirement.	700	Mtr	140.00	98000.00	INR Ninety Eight Thousand Only
22	Supply & Fixing ISI marked (IS:2878) Portable fire Extinguisher, Carbon-dioxide type flat base including valve, discharge hose of not less than 10 mm dia. min. 600 mm long & complete in all respects including initial fill with CO2 gas confirming to IS:307-1966 filled to a filling ratio of not more than 0.667 and wall suspension bracket. Capacity 4.5 Kg.	10	Each	4500.00	45000.00	INR Forty Five Thousand Only
23	Supply, installation, testing and commissioning of loop isolators to protect one area or a number of devices with complete set to be installed under and above false ceiling, roof, concealed space, wall, etc. interconnecting to loop cable complete as required.	5	Each	1050.00	5250.00	INR Five Thousand Two Hundred & Fifty Only



NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE (excluding GST) in Figures To be entered by the Bidder	TOTAL AMOUNT including all Taxes but excluding GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
24	Supply, installation, testing and commissioning of Response Indicator for all detectors located above false ceiling with CI Junction box, screws, cable end terminations, lugs, ferruls, other hardwares etc. complete as per technical specifications.	10	Each	1050.00	10500.00	INR Ten Thousand Five Hundred Only
Total in Figures					3086150.00	INR Thirty Lakh Eighty Six Thousand One Hundred & Fifty Only
Quoted Rate in Words		INR Thirty Lakh Eighty Six Thousand One Hundred & Fifty Only				


 (P. Balashwar)
 Sr. Manager (Engg.-Elect.)
 AAI, M. P. Airport, Udaipur