



सं. संख्या : भाविप्रा/कोल्हापूर/(अभि-वी)/Gas Suppression/2024-25/

दिनांक: 28.02.2025

सेवा में,

मै. कल्पतरु इंडस्ट्रीज, सेक्टर ए-2, प्लॉट
नंबर डी-36, ट्रांस दिल्ली, सिग्नेचर सिटी,
गाजियाबाद - 201 102 (यू.पी.) भारत।

To,

M/s. KALPATARU INDUSTRIES,
Sector A-2, Plot No. D-36, Trans Delhi,
Signature City, Ghaziabad - 201 102
(U.P.) INDIA .

Name of work: Provision of Fire Suppression System for CNS/ATM facilities at
Kolhapur Airport.

संदर्भ / Ref.: 1) आपका ई-टेंडर आय डी: **2024_AAI_217248_1**, वित्तीय बीड

दिनांक: 21.01.2025 को खोला गया।

Your e-tender ID **2024_AAI_217248_1**, Financial Bid Opened on
21.01.2025.

होदय/ Dear Sir,

- ऊपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा बताए गए मद मूल्यों पर आपकी टेंडर राशि जीएसटी रहित कुल **₹.20,29,000.00** (रुपये बीस लाख उनतीस हजार मात्र) है जो कि टेंडर की अनुमानित लागत राशि **₹. 36,53,770.00** से **44.46 %** नीचे 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 Excluding GST totaling to **Rs. 20,29,000.00 (Rupees Twenty Lakhs Twenty Nine Thousand Only)** which is **44.46%** below the estimated cost put to tender of **Rs. 36,53,770.00**

- सहा. महाप्रबंधक, अभि (विद्युत), भा वि प्रा, कोल्हापूर हवाई अड्डा कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्ति करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक 10.03.2025 तक सहायक महाप्रबंधक, अभि(विद्युत), कोल्हापूर एयरपोर्ट के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा **₹. 100/-** गैर न्यायिक स्टैम्प पेपर पर निष्पादित किया जाएगा तथा पेपर का खर्च आपके द्वारा उठाया जायगा।

Asst. General Manager (Engg-E), AAI, Kolhapur Airport 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 Asst. General Manager (Engg-E), AAI, Kolhapur Airport by **10.03.2025** 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.



विद्युत सहायक
सहा. महाप्रबंधक (अभि. विद्युत)
Asst. Gen. Manager (Engg-E)
भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर
Kolhapur Airport, Kolhapur

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3. आपके टेंडर के साथ प्राप्त धरोदर राशि रु. 73,075.00 (रुपये तिहत्तर हजार पचहत्तर माल) ठेके के दस्तावेज़ के GCC: 16 पर दी गई शर्त 1 (ए) के अनुसार जमानत राशि में परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया राशि रु. 2,02,900.00 (रुपये दो लाख उनतीस हजार माल) यह कार्य आदेश जारी होने की तिथि से 10 दिनों के भीतर अदा की जाए अन्यथा ठेके के दस्तावेज़ के GCC: 16 पर दी गई शर्त 1(ए) के अनुसार उक्त राशि रनिंग बिल से कटौती की जाएगी।
3. The earnest money amount of Rs. 73,075.00 (**Rupees Seventy Three Thousand Seventy Five Only**) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) on page GCC-16 of tender document. Please deposit **Rs. 2,02,900.00 (Rupees Two Lakh Twenty Nine Thousand Only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same shall be deducted from your running bill as per condition 1(A) on GCC: page 16 of the contract document.
4. आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधान का अनुपालन करें।
4. You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.
5. आपको निर्देश दिया जाता है कि आप तुरंत प्रबंधक (अभि-विद्युत), भाविप्रा, कोल्हापुर हवाईअड्डा से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।
5. You are also directed to Contact Manager (Engg-E), AAI, Kolhapur Airport immediately who will arrange to hand over the site to you.
6. कृपया नोट कर लें कि काम पूर्ण करने का अवधि दो (02) महीने है जोकि इस पत्र के जारी करने के बाद दसवे दिन से गिना जायगा।
6. Please note that the time allowed for carrying out the work is **Two (02) Months**, which shall be reckoned from the tenth day after the date of issue of this letter.
7. इस ठेके के संबंध में आगे का कोई भी पत्राचार सहा. महाप्रबंधक (अभि-विद्युत), भाविप्रा, कोल्हापुर हवाईअड्डा के पते पर किया जाए।
7. Any further correspondence in connection with the contract should normally be addressed to the Asst. General Manager (Engg-E), AAI, Kolhapur Airport.
8. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।
8. All the letters referred above shall form part of the contract.



विद्युत राय Bidyut Roy
सहा. महाप्रबंधक (अभि. विद्युत)
Asst. Gen. Manager (Engg-E)
भा. वि. प्रा. कोल्हापुर हवाई अड्डा, कोल्हापुर
A. A. I. Kolhapur Airport, Kolhapur

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9. पत्र को स्वीकार करने के पश्चात नकल प्रति पर हस्ताक्षर करके टोकन के रूप में पुनः भेज दें।
 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.
10. यदि अंग्रेजी और हिन्दी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जाएगा।
 10. If there is any discrepancy between English and Hindi then meaning derived in English will be given precedence.

धन्यवाद / Thanking You,

भवदीय / Yours faithfully,

Bidyut

सहा. महाप्रबंधक (अभि-विद्युत) / Asst. General Manager (Engg-E),

कृते तथा ओर से, अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

For and on behalf of Chairman,
Airports Authority of India.

संलग्न/Encl: Schedule of Quantity

बिद्युत रॉय / Bidyut Roy

सहा. महाप्रबंधक (अभि.विद्युत)

Asst. Gen. Manager (Engg-E)

भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर.

A. A. I. Kolhapur Airport, Kolhapur



Contract No: 2024_AAI_217248_1

Name of the
Bidder/
Bidding Firm /
Company : M/S KALPATARU INDUSTRIES

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 #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Excluding GST	TOTAL AMOUNT In Words (Excluding GST)
1	2	4	5	12	13	53	55
1	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas-Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas Flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release Gas Abort Switch etc. complete system as required. Item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & pendants. Note: The Individual system will be provided in specified areas only. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) - Equipment room, GF, DVOR Building Surface area:- 21.25 Sqmtr (Approx.) Total volume:- 72.25 cubic mtr. (Approx.)	1	Job	INR	319934.00	319934.00	INR Three Lakh Nineteen Thousand Nine Hundred & Thirty Four Only
2	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas-Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas Flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release Gas Abort Switch etc. complete system as required. Item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & pendants. Note: The Individual system will be provided in specified areas only. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) - Battery room, GF, DVOR Building Surface area:- 8.5 Sqmtr (Approx.) Total volume:- 28.75 cubic mtr (Approx.)	1	Job	INR	244118.00	244118.00	INR Two Lakh Forty Four Thousand One Hundred & Eighteen Only
3	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas-Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas Flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release Gas Abort Switch etc. complete system as required. Item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & pendants. Note: The Individual system will be provided in specified areas only. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) - CCTV Equipment room, GF, ATC Building Surface area:- 16.5 Sqmtr (Approx.) Total volume:- 57.75 cubic mtr (Approx.)	1	Job	INR	286454.00	286454.00	INR Two Lakh Eighty Six Thousand Four Hundred & Fifty Four Only
4	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas-Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas Flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release Gas Abort Switch etc. complete system as required. Item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & pendants. Note: The Individual system will be provided in specified areas only. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) - Battery room, FF, ATC Building Surface area:- 13.5 (Approx.) Total volume:- 47.60 cubic mtr (Approx.)	1	Job	INR	269390.00	269390.00	INR Two Lakh Sixty Nine Thousand Three Hundred & Ninety Only
5	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas-Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas Flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release Gas Abort Switch etc. complete system as required. Item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & pendants. Note: The Individual system will be provided in specified areas only. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) - UPS Room, FF, ATC Building Surface area:- 12 Sqmtr (Approx.) Total volume:- 42.00 cubic mtr (Approx.)	1	Job	INR	261614.00	261614.00	INR Two Lakh Sixty One Thousand Six Hundred & Fourteen Only
6	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS/LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas-Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas Flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release Gas Abort Switch etc. complete system as required. Item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & pendants. Note: The Individual system will be provided in specified areas only. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) (Individual system) - Equipment room, FF, ATC Building Surface area:- 53.5 Sqmtr (Approx.) Total volume:- 186.5 cubic mtr (Approx.)	1	Job	INR	547590.00	547590.00	INR Five Lakh Eighty Seven Thousand Five Hundred & Ninety Only




 विद्युत रॉय / Bidyut Roy
 सहा. महाप्रबंधक (अभि.विद्युत)
 Asst. Gen. Manager (Engg-E)
 भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर
 A. A. I. Kolhapur Airport, Kolhapur

1	2	4	5	INR / Other Currency	INR Bidder Rs. P	53	55
7	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head/Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release/Gas Abort Switch etc. complete system as required. item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & panels. Note: The Individual system will be provided in specified areas only. The contractor will design the system as per NFPA 2001. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) Providing, Fixing, Testing and commissioning ISI marked portable type fire extinguishers of 6 Kg capacity ABC Dry Powder type as per IS- 15683 complete as per specification and fixed / install as per site condition, as required.	10	EACH	INR	1879.00	18700.00	INR Eighteen Thousand Seven Hundred Only
8	Design, Supply, Installation, Testing & Commissioning of Clean Agent Gas Flooding System for following areas, complete using Gas Agent as per NFPA 2001. Supply of Cylinder UL listed FM/VDS LPCB/CCOE(PESO) Approved, complete with valve assembly and arrangement for supervisory switch connection for monitoring cylinder pressure. A pressure gauge with a safety burst disc, electronic control head/Solenoid, pressure operated control, head, flexible hose, strap, NRV and safety cap. Gas Quantity would be as per the design volume and as per the necessary code specifications UL Certifications. Clean agent shall be of FK-5-1-12 Gas flooding System with all cylinders, gas manifold, Master Cylinder Accessories for above including Electrical Control Head, Discharge Hose and Gas discharge Warning sign, Nozzles including providing, installing, testing and commissioning of Gas Release Panel complete with timer, battery backup, Gas Release/Gas Abort Switch etc. complete system as required. item also includes Fire alarm system for cross-zoning and supply & laying of Fire survival cable, detector & panels. Note: The Individual system will be provided in specified areas only. The contractor will design the system as per NFPA 2001. The contractor will get the design approved by AAI before execution. Statutory Approvals will be taken from concerned authorities. The piping design and pressure calculations using manufacturer design software for a given dimension of room duly approved by manufacturer/distributors shall be submitted prior to starting of the works. (Area, Volume mentioned here are approx. values and given for indicative purpose, agency has to design for actual measurements at site and as per drawings) Providing, Fixing, Testing and commissioning ISI marked portable type fire extinguishers of CO2 type 4.5 kg capacity as per IS- 15683 complete as per specification and fixed / install as per site condition, as required.	10	EACH	INR	4120.00	41200.00	INR Forty One Thousand Two Hundred Only
Total in Figures						222900.00	INR Twenty Lakh Twenty Nine Thousand Only
Quoted Rate in Words		INR Twenty Lakh Twenty Nine Thousand Only					



Bidyut Roy
बिद्युत रॉय / Bidyut Roy
सहा. महाप्रबंधक (अभि. विद्युत)
Asst. Gen. Manager (Engg-E)
भा. वि. प्रा. कोल्हापूर हवाई अड्डा, कोल्हापूर
A. A. I. Kolhapur Airport, Kolhapur

Signature Not Verified

Digitally signed by BIDYUT ROY
Date: 2025.07.08 16:15:27 IST
Location: eProcurement System for Central PSUs

