



प्रस्ताव हेतु अनुरोध/REQUEST FOR PROPOSAL (RFP)

Request for Proposal for Contract for conducting Audit of Water treatment plants and improve process and Maintenance of Pumping stations at NATRAX Pithampur"



APRIL 1, 2026

National Automotive Test Tracks (NATRAX)

A unit of National Automotive Board (NAB) NH-52, Old Agra-Mumbai High way Next to Pithampur

Flyover, Post Khandwa (Near Pithampur) Dhar-District, Madhya Pradesh-454774

Phone: 9893892310, Email: a.prabhakar@natrax.in, natraxpithampur@gmail.com



1. सामान्य जानकारी:/General Information:

नेशनल ऑटोमोटिव टेस्ट ट्रैक्स (NATRAX) नेशनल ऑटोमोटिव बोर्ड (NAB) के तहत एक ऑटोमोटिव परीक्षण और प्रमाणन केंद्र है, जो भारत सरकार के भारी उद्योग मंत्रालय द्वारा गठित एक स्वायत्त निकाय है। NATRAX की स्थापना लगभग 3000 एकड़ भूमि पर सभी प्रकार के ऑटोमोबाइल के व्यापक परीक्षण और मूल्यांकन के लिए पीथमपुर, जिला धार, (मध्य प्रदेश, भारत) के पास की गई है।/ National Automotive Test Tracks (NATRAX) is an Automotive Testing & Certification Centre under National Automotive Board (NAB) which is an autonomous body constituted by Ministry of Heavy Industries, Government of India. NATRAX has been set up on approx. 3000 acres of land for comprehensive testing and evaluation of all types of automobiles, near Pithampur, Dist. Dhar, (Madhya Pradesh, India).

2. राष्ट्रीय ऑटोमोटिव टेस्ट ट्रैक्स (नैट्रैक्स), इस आरएफपी दस्तावेज़ में निहित नियमों और शर्तों पर कार्यों के निष्पादन, निष्पादन और कार्यान्वयन के लिए निर्धारित प्रोफार्मा में ओपन टेंडर इंकवायरी (ओटीई) के तहत पंजीकृत, योग्य और अनुभवी से दो पैकेट सिस्टम (तकनीकी बोली और वित्तीय बोली) में पासवर्ड संरक्षित कोटेशन / बोली / प्रस्ताव आमंत्रित करता है।/The National Automotive Test Tracks (NATRAX), invites Password Protected Quotation/Bid/Proposal in two packet system (Technical bid & Financial Bid) from the registered, qualified and experience under Open Tender Enquiry (OTE) in the prescribed Proforma for performing, executing and implementing the works on the terms and conditions contained in this RFP Document.

3. Key information on RFP: PROJECT AT GLANCE

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|---------------------------------|---|---|
| कार्य का नाम:/ Name of work: | NATRAX पीथमपुर में जल शोधन संयंत्रों का ऑडिट करने, प्रक्रियाओं में सुधार करने और पंपिंग स्टेशनों के रखरखाव के लिए अनुबंध हेतु प्रस्ताव निवेदन (RFP) | Request for Proposal (RFP) for "Request for Proposal for Contract for conducting Audit of Water treatment plants and improve process and Maintenance of Pumping stations at NATRAX Pithampur" |
| आरएफपी नं. RFP No. | NATRAX/PROC/PG-C&M/26/141 | NATRAX/PROC/PG-C&M/26/141 |
| Release Date | 30 अप्रैल 2026 | 1st April 2026 |
| Pre-Bid Enquiries via Email | 6 अप्रैल 2026 (11:00AM) | 6th April 2025 (11:00 AM) "at NATRAX Pithampur" |
| Last Date for Bid Submission | 8 अप्रैल 2026 (03:00 अपराहन) | 8th April 2026 (03:00 PM) |
| Opening of | 8 अप्रैल 2026 (03:00 अपराहन) | 8th April 2026 (03:30 PM) |



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| Technical Bid | | |
| वित्तीय बोली खोलना/ Opening of Financial Bid | तकनीकी रूप से "योग्य" बोलीदाताओं को इसकी सूचना डाक के माध्यम से दी जाएगी। | Shall be communicated to technically "Qualified" bidders through mail. |
| बोली सुरक्षा/ईएमडी/ Bid Security/EMD | 7,700 रुपये एफडीआर/डीडी/बीजी/सीधे हस्तांतरण के रूप में, एनएटीआरएक्स खाते में, एनएटीआरएक्स के पक्ष में। | Rs. 7,700/- in form of FDR/DD/BG/direct Transfer to NATRAX account, in favour of NATRAX. |
| निष्पादन सुरक्षा/ Performance Security (PS)/Security Deposit (SD) | अनुबंध राशि का 5%, सभी अनुबंध संबंधी दायित्वों के पूरा होने की तारीख से कम से कम 2 महीने के लिए वैध होना चाहिए। | 5 % of the contract amount, should be valid at least 2 months from the date of completion contract and fulfilment of all contractual obligations. |
| पत्राचार अधिकारी (स्पष्टीकरण/सूचना हेतु)/Correspondence Officer (For Clarification / Information) | श्री ए प्रभाकर वरिष्ठ प्रबंधक (पी एंड एस), खरीद और स्टोर, राष्ट्रीय ऑटोमोटिव टेस्ट ट्रैक (NATRAX) Address: नैट्रक्स पीथमपुर धार एमपी Email ID: a.prabhakar@natrpx.in | Sh. A Prabhakar HOD (P&S), Procurement & Stores, National Automotive Test Tracks (NATRAX) Address: NATRAX Pithampur Dhar MP Email ID: a.prabhakar@natrpx.in , natrpxpithampur@gmail.com |
| नोट: बोलियां/प्रस्ताव तकनीकी बोली खुलने की तिथि से 4 माह (120 दिन) तक वैध होनी चाहिए। | Note: Bids/proposal should be valid for 4 months (120 days) from the date of opening of technical bid. | |

4. प्रस्ताव प्रस्तुत करना और उसका मूल्यांकन:/Submission and Evaluation of

Proposal: प्रस्ताव नीचे दिए गए किसी भी तरीके से प्रस्तुत किया जा सकता है/the proposal can be submitted in either of below methods:

- 4.1. ईमेल पर पासवर्ड संरक्षित पीडीएफ फ़ाइल/Password Protected Pdf File on email: प्रस्ताव ईमेल के माध्यम से natrpxpithampur@gmail.com and a.prabhakar@natrpx.in पर दो अलग-अलग पासवर्ड से सुरक्षित फाइलों "तकनीकी बोली" और "वित्तीय बोली" में प्रस्तुत किए जा सकते हैं। दोनों फाइलों में अलग-अलग पासवर्ड होने चाहिए।/The proposals can be submitted via email to natrpxpithampur@gmail.com and a.prabhakar@natrpx.in in two different password protected file "Technical Bid" & "Financial Bid". Both the files should have different passwords.

तकनीकी बोली फ़ाइल में योग्यता, बोलीदाता प्रोफ़ाइल, अनुभव, टीम विवरण आदि के लिए आवश्यक सभी दस्तावेज़ शामिल होने चाहिए।/Technical bid file should contained all the documents required for qualification, bidders profile, experince, team details etc.



वित्तीय बोली फ़ाइल में केवल इस दस्तावेज़ के अंत में दिए गए प्रारूप में दरें होनी चाहिए/ Financial Bid File should contain only the rates in the format given in this document.

ई-मेल में परियोजना का नाम स्पष्ट रूप से दर्शाया जाना चाहिए "NATRAX में जल उपचार संयंत्र ऑडिट आयोजित करने के लिए RFP"/ The e-mail must clearly indicate the name of the project Request for Proposal for Contract for conducting Audit of Water treatment plants and improve process and Maintenance of Pumping stations at NATRAX Pithampur"

पासवर्ड केवल NATRAX से लिखित अनुरोध के बाद ही साझा किया जाना चाहिए, उससे पहले इसे किसी भी माध्यम से साझा नहीं किया जाना चाहिए। यदि कोई बोलीदाता NATRAX द्वारा अनुरोध से पहले पासवर्ड साझा करता है तो संबंधित बोलीदाता की बोली अस्वीकार कर दी जाएगी।/The passwords should only be shared after written request from NATRAX, before the same it should not be shared by any means. If any, bidder share password before request by NATRAX the bid of respective bidder shall be rejected.

या/OR

सीलबंद लिफाफों में ऑफलाइन बोली प्रस्तुत करना: बोलीदाता अपनी बोली सीलबंद लिफाफों में प्रस्तुत कर सकता है अर्थात बोलीदाता को बोली को दो अलग-अलग भागों "तकनीकी बोली" और "वित्तीय बोली" में तैयार करना होगा।/ Offline bid submission in sealed envelopes: bidder can submit its bid in sealed envelopes viz bidder need to prepare the bid in two different parts "Technical Bid" & "Financial Bid".

पहले लिफाफे में "तकनीकी बोली लिफाफे" में योग्यता, बोलीदाता प्रोफाइल, अनुभव, टीम विवरण, पूर्ण आरएफपी दस्तावेज आदि की प्रति के लिए आवश्यक सभी दस्तावेज़ शामिल होने चाहिए।/ In first Envelope "Technical Bid Envelope" should contain all documents required for qualification, bidders profile, experince, team details, copy of complete RFP Document etc.

दूसरे लिफाफे में "वित्तीय बोली लिफाफा" में केवल इस आरएफपी दस्तावेज़ के अंत में दिए गए प्रारूप में दरें होनी चाहिए।/ In second Envelope "Financial Bid Envelope" should contain only rates in the format as given at last of this RFP documents.



दोनों सीलबंद लिफाफे (तकनीकी बोली और वित्तीय बोली) को एक मुख्य लिफाफे में रखना चाहिए और उसे सील करने के बाद नीचे दिए गए पते पर जमा करना चाहिए/ Both sealed envelopes (Technical Bid & Financial Bid) should keep in a main envelope and after sealing the same, it should submit on below given address:

To,
The Head of Procurement & Stores
National Automotive Test Tracks (NATRAX)
A Unit of National Automotive Board (NAB)
Under ministry of heavy industry Govt of India
Address: Pithampur, Near Indore, Madhya Pradesh 454774

मूल्यांकन समिति, बोलीदाताओं के तकनीकी प्रस्तावों का मूल्यांकन "निष्पादन की पद्धति, कार्यक्षेत्र की समझ, अनुभव, टीम की योग्यता और इस आरएफपी दस्तावेज़ में परिभाषित मानदंडों के आधार पर करेगी।/ The Evaluation Committee shall evaluate the Technical Proposals for bidders based on methodology of execution, understanding of scope and qualification of Team, experience as per criteria defined in this RFP document.

5. मूल्यांकन प्रक्रिया और मानदंड/ EVALUATION PROCESS AND CRITERIA:

5.1. पूर्व-योग्यता मानदंड/ PRE-QUALIFICATION CRITERIA

| क्रम सं./ S. No. | पूर्व-योग्यता मानदंड/ Pre-Qualification Criteria | सहायक दस्तावेज़/ Supporting Documents |
|---------------------|--|---|
| 1. | कंपनी को कंपनी अधिनियम, 2013 के तहत भारत में पंजीकृत होना चाहिए या साझेदारी फर्म को भारतीय भागीदारी अधिनियम 1932 के तहत पंजीकृत होना चाहिए या एलएलपी अधिनियम 2008 के तहत पंजीकृत एलएलपी होना चाहिए जिसका पंजीकृत कार्यालय भारत में हो या व्यक्तिगत/स्वामित्व वाली फर्म को एमएसएमई/जीएसटी के साथ पंजीकृत होना चाहिए।/ The Company should be registered in India under the Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act 1932 or LLP registered under LLP Act 2008 with their registered office in India or Individual / Proprietary Firm registered with MSME/GST. | (निगमन/पंजीकरण प्रमाणपत्र/ एमओए/उद्योग आधार पंजीकरण प्रमाणपत्र की प्रति, जैसा लागू हो)/ (Copy of Certificate of Incorporation/ Registration / MoA / Udyog Aadhaar Registration Certificate as applicable) |
| 2. | कंपनी को पिछले पांच वित्तीय वर्षों में भारत के भीतर कम से कम दो जल लेखापरीक्षाएं सफलतापूर्वक संपन्न करनी चाहिए थीं।/ The Company should have | (पूर्णता प्रमाण पत्र / कार्य आदेश / क्रय आदेश या CA प्रमाणित प्रमाण पत्र)/ (Completion |



| | | |
|----|--|--|
| | successfully carried out at least Two Water Audit within India, in the last five Financial Years | Certificate/ Work Order/ Purchase Order or CA certified certificate) |
| 3. | कंपनी के पास एसोसिएशन ऑफ एनर्जी इंजीनियर्स से प्रमाणित जल दक्षता प्रोफेशनल (CWEPT™)/CGWA होना चाहिए।/ The Company should have Certified Water Efficiency Professional (CWEPT™) from Association of Energy Engineers/CGWA | (सहायक प्रमाणीकरण के साथ सूची प्रदान की जानी है)/ (List to be provided along with supporting certification) |
| 4. | कंपनी के पास कैलिब्रेटेड उपकरणों का कम से कम एक सेट होना चाहिए जिसमें सहायक उपकरण के साथ अल्ट्रासोनिक फ्लो मीटर, सहायक उपकरण के साथ ऊर्जा-पावर मीटर, उपयुक्त कनेक्टर के साथ मानक प्रेशर गेज, 5000 मिलीलीटर बीकर, स्टॉपवॉच शामिल हों।/ The Company should have at least one set of Calibrated Instruments consisting of Ultrasonic Flow Meter with accessories, Energy - Power Meter with accessories, Standard Pressure Gauge with suitable connectors, 5000 ml Beaker, Stopwatch. | (उपलब्ध उपकरणों की सूची, मात्रा, तथा संबंधित अंशांकन प्रमाणपत्र प्रदान किया जाना है)/ (List of Instruments available, quantity, and respective Calibration Certificate to be provided) |
| 5. | <p>बोली सुरक्षा/ईएमडी (एमएसएमई/स्टार्टअप को छूट दी गई है)/ Bid Security/EMD (MSME /Startups are Exempted)</p> <p>बोलीदाता को NATRAX के पक्ष में NATRAX खाते में FDR/DD/BG/फंड ट्रांसफर के रूप में 7,700/- रुपये की ईएमडी/बीएस जमा करनी होगी, जो जारी होने की तारीख से कम से कम 4 महीने के लिए वैध होनी चाहिए। / The Bidder must submit EMD/BS of <u>Rs. 7,700/-</u> in form of FDR/DD/BG/fund Transfer to NATRAX account, in favour of NATRAX.</p> <p>NATRAX Account for EMD Deposit: A/c Name: National Automotive Test Tracks <u>Details as enclosed.</u></p> | <p>मूल रूप में एफडीआर/डीडी/बीजी/ FDR/DD/BG in original</p> <p>या/ OR</p> <p>(फंड ट्रांसफर के मामले में- चेकलिस्ट में यूटीआर नंबर और भुगतान की तारीख का उल्लेख किया जाना चाहिए) / (in case of fund transfer- UTR No. & Date of Payment needs to be mentioned in Check list)</p> |
| 6 | नियम एवं शर्तों की स्वीकृति/ Acceptance of terms & conditions | इस RFP दस्तावेज़ की पूर्ण मुहर और हस्ताक्षरित प्रति स्वीकृति के रूप में टोकन है/ Complete seal and signed copy of this RFP Document as token of acceptance |



5.2. तकनीकी मूल्यांकन मानदंड / TECHNICAL EVALUATION CRITERIA:

| Sl. No. | Technical Evaluation Criteria | Points |
|--------------|--|------------------|
| 1 | The Company should be registered in India under the Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act 1932 or LLP registered under LLP Act 2008 with their registered office in India or Individual / Proprietary Firm registered with GST/MSME. | 10 Marks |
| 2 | The Company should have successfully carried out at least Two Water Treatment Plants Audit within India during last five years. 2 - 5 Audits: 15 Marks 6 - 10 Audits: 20 Marks 11-15 Audits: 25 Marks <i>Note: Bidder should highlight either one of the above criteria to be considered. Mentioning both would lead to disqualification)</i> | 25 Marks |
| 3. | The Company should have Certified Water Efficiency Professional (CWEPT™) | 10 Marks |
| 4. | The Company should have at least one set of Calibrated Instruments consisting of Ultrasonic Flow Meter with accessories, Energy - Power Meter with accessories, Standard Pressure Gauge with suitable connectors, 5000 ml Beaker, and Stopwatch. Ultrasonic Flow Meter with accessories: 15 Marks Energy - Power Meter with accessories: 10 Marks Standard Pressure Gauge with suitable connectors: 10 Marks 5000 ml Beaker & Stopwatch: 5 Marks | 40 Marks |
| 5. | Methodology of Execution: Detailed methodology is to be provided stating the execution plan be used to accomplish the scope of work provided, understanding of CGWA Norms, Structure of Report, Adherence to the Timeline, Team Strength & Qualification. | 15 Marks |
| Total | | 100 Marks |



5.3. वित्तीय मूल्यांकन/ FINANCIAL EVALUATION:

- 5.3.1 Financial bids of only “technically qualified” bidders shall be opened i.e. of those who score minimum “70 Marks out of 100 Marks” in technical evaluation.
- 5.3.2 The bidder must provide Lumpsum Cost for Auditing of Water Treatment Plant as per the Scope of work. The financial bid must be submitted in the formats given in this document.
- 5.3.3 The financial proposal files submitted to NATRAX must be password protected, failing which bids will not be considered. The password should be provided only when asked by Corresponding Officer of NATRAX during the financial bid opening meeting.
- 5.3.4 The work will be awarded to the bidder with the Lowest Total Financial Bid/Quotation (L1) among all technically qualified bidders.
- 5.3.5 **Price Negotiation:** If quoted rates in higher side, the Negotiation may be done with L-1 bidder only, and bidder need to provide/submit the revised (reduced) rates in the same format for financial bid. The revised rates should be submitted only after the negotiation meeting. The revised offer/counter offer by any bidder(s) other than L-1 bidder shall not be accepted and the bid of respective bidder shall be rejected immediately.
- 5.3.6 **Award of work:** prior to expiry of bid validity NATRAX will issue work order to successful bidder / lowest quoted bidder (L-1).
- 5.3.7 **Submission of Performance Security:** with in 7 days from the date of work order, agency should submit the Performance Security as defined in the documents.
- 5.3.8 **Contract period:** Over all contract period for complete the audit and submission of final report including acceptance the same by NATRAX is 45 Days.



SCOPE OF WORK

Water Audit, Pumping System Audit, Water Quality Testing & Thermography Study at NATRAX, Pithampur (M.P.)

1. Introduction

NATRAX (National Automotive Test Tracks), a state-of-the-art automotive testing and certification centre under NATRiP, Ministry of Heavy Industries, Government of India, is spread over approximately 3,000 acres at Pithampur, District Dhar, Madhya Pradesh.

The NATRAX campus is supported by multiple Water Pumping Station at T-3, T11, T-4 T-5 and AKVN...etc and Central Water Treatment Plants (WTPs) at T-5 track, Water is utilized mainly for testing tracks, cleaning and maintenance purposes, with supply from AKVN and in-house sources and extensive reuse through treatment plants.

NATRAX intends to appoint a competent agency to carry out a comprehensive **Water Audit, Pumping System Audit, Water Quality Testing, and Thermography Study** across the campus.

2. Objective of the Work

The objective of this work is to:

- Assess the performance and efficiency of water pumping stations and treatment plants.
 - Identify water losses, leakages, inefficiencies, and energy conservation opportunities.
 - Evaluate the operational health of electrical panels supplying pumping and treatment systems.
 - Verify compliance of water quality with applicable standards.
 - Recommend technically feasible, cost-effective, and sustainable improvement measures.
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3. Scope of Work

3.1 Water Audit & Pumping System Audit

3.1.1 Review of Water Supply & Distribution System

- Review of water supply sources including AKVN and in-house sources.
- Review of existing water treatment plant and pump house operational structure, capacity, and process flow.
- Verification of plant design capacity vs actual operating capacity.



- Review of as-built drawings, O&M manuals, and previous audit/maintenance records.
- Review of central pumping stations, storage facilities, and distribution network.
- Review of treatment plants, pumping schedules, automated valves, and flow meters.
- Review of historical water consumption data and electricity bills.

3.1.2 Pump Performance Assessment

- Physical inspection of all major pumps and motors associated with:
 - Raw water pumping
 - Treated water transfer
 - Backwash and recycling
 - Distribution to tracks and other users
- On-site measurement of:
 - Water flow
 - Pressure / head
 - Input electrical power
- Performance evaluation including:
 - Discharge
 - Total Dynamic Head (TDH)
 - Power consumption
 - Pump efficiency
- Identification of improper pump selection, throttling losses, parallel operation issues, and under/over-loading.
- Inspection of all pumps (raw water, clear water, backwash, transfer pumps):
 - Capacity, head, and efficiency
 - Condition of motors, bearings, seals, couplings
- Verification of pump operation hours and redundancy.
- Review of valves, pipelines, flow meters, pressure gauges, and NRVs.
- Assessment of electrical systems:
 - Panels, MCC, starters, VFDs (if any)
 - Earthing and safety compliance
- Review of standby power arrangements (DG set, if applicable).

3.1.3 Water Balance & Leakage Assessment

- Preparation of water balance for the entire campus.
- Assessment of water consumption across:
 - Tracks
 - Treatment plants
 - Domestic and auxiliary usage
- Identification and estimation of unaccounted-for water due to leakages, spillages, or operational losses in underground and overground pipelines.



3.1.4 Energy Conservation Measures (ECM)

- Identification of water and energy conservation opportunities in pumping and treatment systems.
- Recommendations classified as:
 - No / Low Cost – High Return
 - Medium Cost – Medium Return
 - High Cost – High Return
- Evaluation of best pump combinations and operational schedules.

3.1.5 Motor Load Survey

- Load survey of major motors (≥ 5 kW).
- Assessment of motor loading, efficiency, and scope for improvement or replacement.

3.1.6 Review of WTP Systems

- Review of inflow, treated water generation, reuse and recycling.
- Identification of power and process optimization opportunities.
 - Aeration / Flash mixer
 - Coagulation & flocculation
 - Clarifier / Tube settler
 - Filtration system (DMF / Softener / CMF, if applicable)
 - Disinfection system (Chlorination / Sodium Hypochlorite / Lime / Poly electrolyte / Alum dosing)
- Evaluation of chemical dosing system:
 - Type of chemicals used
 - Dosing adequacy and control
 - Storage and safety practices
- Performance analysis based on treated water quality parameters:
 - pH, turbidity, TDS, hardness, residual chlorine, etc.
- Sludge handling and disposal system review.

3.2 Water Quality Testing

- Collection of water samples from:
 - Treated water at WTPs
 - AKVN supply
 - Domestic water points
 - Other locations as identified by NATRAX
- Laboratory testing of parameters including (but not limited to):
 - pH
 - TDS
 - Hardness
 - Turbidity
 - BOD
 - COD



- Oil & Grease
- TSS
- Any other parameters as required
- Comparison of results with applicable BIS / CPHEEO / CPCB standards.
- Submission of certified laboratory test reports with observations.

3.3 Thermography Study of Electrical Panels

- Thermographic inspection of:
 - HT & LT panels
 - MCCs
 - DBs
 - MCBs / MCCBs related to water pumping and treatment systems
 - Use of calibrated thermal imaging camera.
 - Identification of abnormal heating, loose connections, and overloaded components.
 - Immediate intimation to NATRAX in case of critical findings.
 - Submission of detailed thermography report with thermal images and recommendations.
-

4. Methodology

The agency shall carry out:

- On-site inspections and measurements.
 - Off-site analysis of collected data.
 - Laboratory testing through NABL-accredited laboratory.
 - Interaction with NATRAX operation and maintenance personnel.
-

5. Operation & Maintenance Practices

- Review of O&M procedures and logbooks.
 - Assessment of manpower deployment and skill levels.
 - Review of preventive and breakdown maintenance practices.
 - Identification of gaps in SOPs and safety practices.
-

6. Compliance & Safety

- Compliance check with relevant standards and statutory norms (CPHEEO / BIS / Pollution Control norms).
 - Safety audit of chemical handling, electrical systems, and confined spaces.
-

7. Reporting & Recommendations

Submission of detailed audit report including:

RFP No. NATRAX/PROC/PG-C&M/26/141



- Observations and deficiencies
 - Risk assessment
 - Corrective and preventive action plan
 - Cost estimates and priority-wise recommendations
 - Comprehensive Audit Report covering:
 - Water audit and balance
 - Pump performance analysis
 - Energy conservation opportunities
 - Water quality test results
 - Thermography findings
 - Priority-wise recommendations with cost-benefit analysis.
 - Executive summary for management review.
 - Final presentation to NATRAX (if required).
-

8. Standards & Codes

All works shall be carried out in accordance with applicable:

- BIS Standards
 - CPHEEO Guidelines
 - CPCB norms
 - Relevant electrical safety standards
-

9. Completion Period

The entire scope of work shall be completed within **45 days** from the date of award of work.

10. Payment terms and conditions

- 40% of the total professional fees + applicable GST shall be paid upon completion of field work related to the audit, subject to certification by the Engineer-in-Charge / authorized NATRAX representative.
 - 30% of the total professional fees + applicable GST shall be paid upon submission of the final audit report and filing of the application, as applicable.
 - 25% of the total professional fees + applicable GST shall be paid immediately after approval of the final report by NATRAX.
 - 5% of the total professional fees + applicable GST shall be released after one (1) month from the date of completion of the work, subject to satisfactory performance and closure of all observations, if any
-

11. NATRAX may be provided required information related to water treatment plant like past record operational data, water quality, maintenance records of pumps etc., to be useful for preparation audit report.



6. तकनीकी बोली के लिए जांच सूची (कंपनी के लेटर हेड में)/ CHECKLIST FOR TECHNICAL BID (In Company's Letter Head).

| Sl. No. | Pre-Qualification & Technical Evaluation Criteria | Supporting Documents | Remarks |
|---------|--|--|---------|
| 1 | The Company should be registered in India under the Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act 1932 or LLP registered under LLP Act 2008 with their registered office in India or Individual / Proprietary Firm registered with MSME. | (Copy of Certificate of Incorporation/ Registration / MoA / Udayam Registration Certificate as applicable) | |
| 2 | The Company should have successfully carried out at least Two Water Audit within India, or Five Energy Audit within India in any of the last three Financial Years. | (Completion Certificate/ Work Order/ Purchase Order or CA certified certificate) | |
| 3 | The Company should have Certified Energy Auditor from Bureau of Energy Efficiency / Certified Water Efficiency Professional (CWEPTM) from Association of Energy Engineers. | (List to be provided along with supporting certification) | |
| 4 | The Company should have at least one set of Calibrated Instruments consisting of Ultrasonic Flow Meter with accessories, Energy - Power Meter with accessories, Standard Pressure Gauge with suitable connectors, 5000 ml Beaker, Stop Watch. | (List of Instruments available, quantity, and respective Calibration Certificate to be provided) | |
| 5 | Methodology of Execution: Detailed methodology is to be provided stating the execution plan be used to accomplish the scope of work provided, understanding of CGWA / KGWA Norms, Structure of Report, Adherence to the Timeline, Team Strength & Qualification. | (Separate sheet detailing the parameters required) | |
| 6 | For Financial Bid File's Password Contact Person: Name & Mobile Number | | |

Date:-----

Location:-----

Seal:-----

Signature of Authorized Signatory

Name:-----



7. DECLARATION:

(To be executed on Bidder's letterhead)

I/We are acquainted with the content & requirements of this Tender No. NATRAX/-----
-, dated _____ and do hereby accept to furnish the same in compliance with all
terms & conditions. I/we have not tampered with/modified the tender in any manner and
breach of any such will result in rejection of the Tender and/or prosecution.

I / We hereby declare that the firm/company has not been blacklisted or debarred in the past by
any other Government organization from taking part in Government tenders.

In case the above information is found false or in case of breach of any of the terms and
conditions at any stage of the Tender or Contract, I/We are fully aware that the Tender/
Contract will be rejected/cancelled by NATRAX and Payments (for completed/partially
completed), Retention, Bid Security (EMD), Performance Security, etc., shall be forfeited.

Signature of the Bidder: _____

Name and Designation: _____

Address: _____

Contact details: _____

Place:

Date:

Seal of the Bidder's Firm





8. वित्तीय बोली प्रारूप/ FINANCIAL BID FORMAT

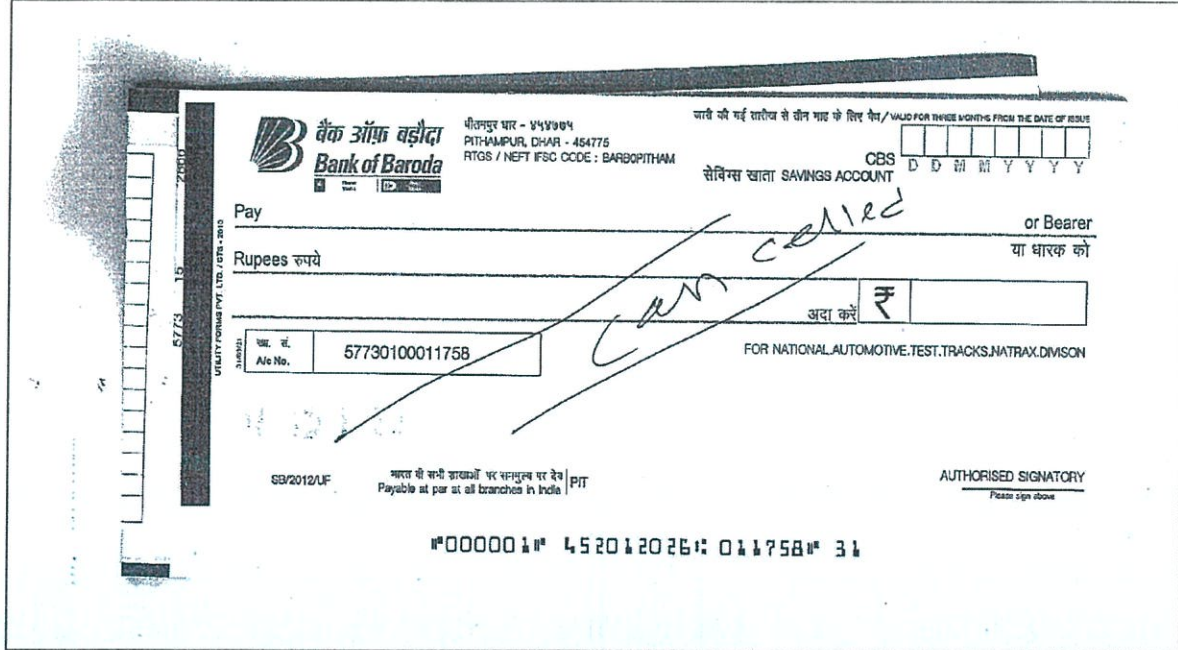
NAME OF THE WORK: "Request for Proposal for Contract for conducting Audit of Water treatment plants and improve process and Maintenance of Pumping stations at NATRAX Pithampur"

| S · N o | Description of work | Qty. | Unit | Rate Inclusive GST (Rs.) | Total amount including GST (Rs) |
|--|---|------|--|--------------------------------|------------------------------------|
| 1 | Water treatment plant Audit as per scope of work, terms & condition mentioned in this RFP document. (as per specification and scope of work) | 1 | Lump Sum Job (as per specification and scope of work) | | |
| Total amount including GST and all | | | | | |
| Total Quoted Value: Rsin figure...../- (Rupeesquoted amount in words..... only) | | | | | |
| I, the undersigned, offer to provide the Assignment/Job for [Conducting Water treatment plant Audit at NATRAX] in accordance with your Request for Proposal in Two Bid System (Technical Bid & Financial Bid). Our attached Financial Bid (in password protected .pdf file). This amount is inclusive of all Taxes, Duties, Deliverables, Boarding & Lodging etc all . | | | | | |
| I hereby confirm that the financial Bid is unconditional, and we acknowledge that any condition attached to financial bid shall result in rejection of our financial bid. Our Financial Bid shall be binding upon us up to expiration of the validity period of the Proposal, i.e., till 4 months from the date of opening of technical bid. | | | | | |
| Yours sincerely, | | | | | |
| _____ Authorized Signature [In full and initials]: | | | | | |
| Name and Title of Signatory: _____ | | | | Address: _____ | |
| Name of Agency: _____ | | | | Seal: _____ | |



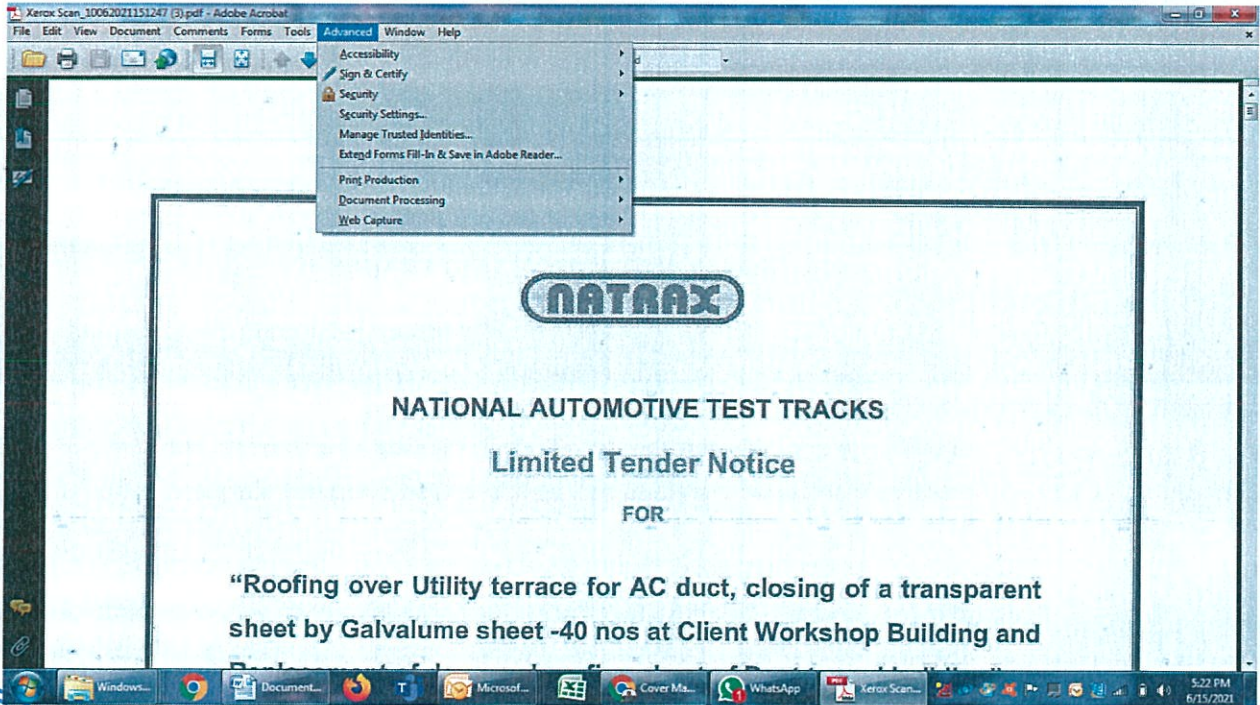
ANNEXURE -V

NATRAX Bank details to be used for submission of EMD/Tender Fee (if any) & procedure for password protection

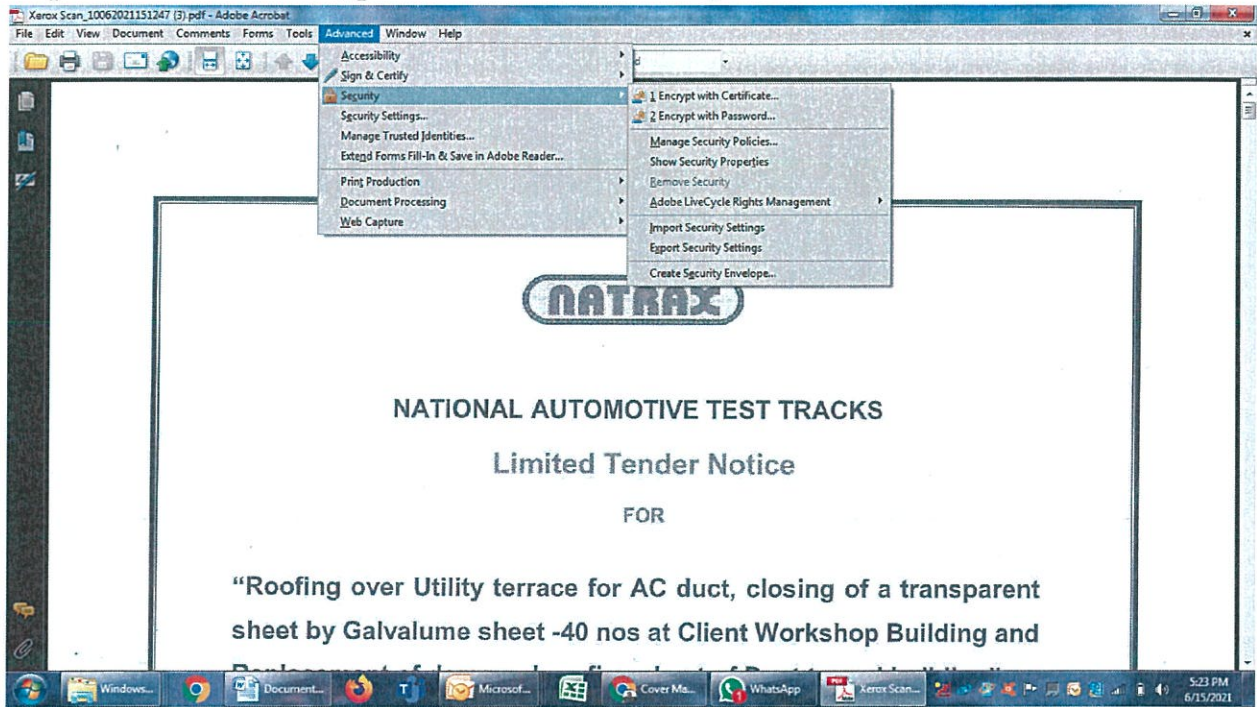


Steps for loading passwords in PDF Files-Method I

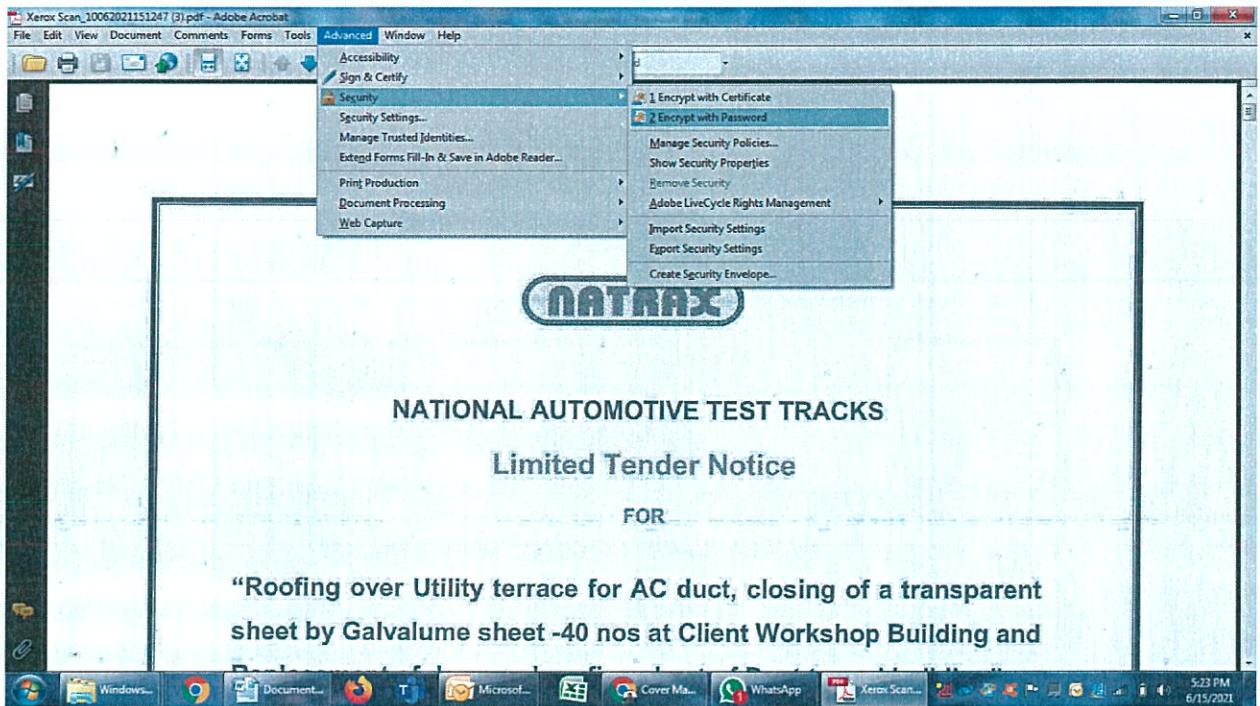
Step 1- please open PDF file and click on "Advance" tab.



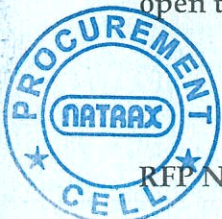
Step 2- in the advance tab, please click on the "Security" tab.

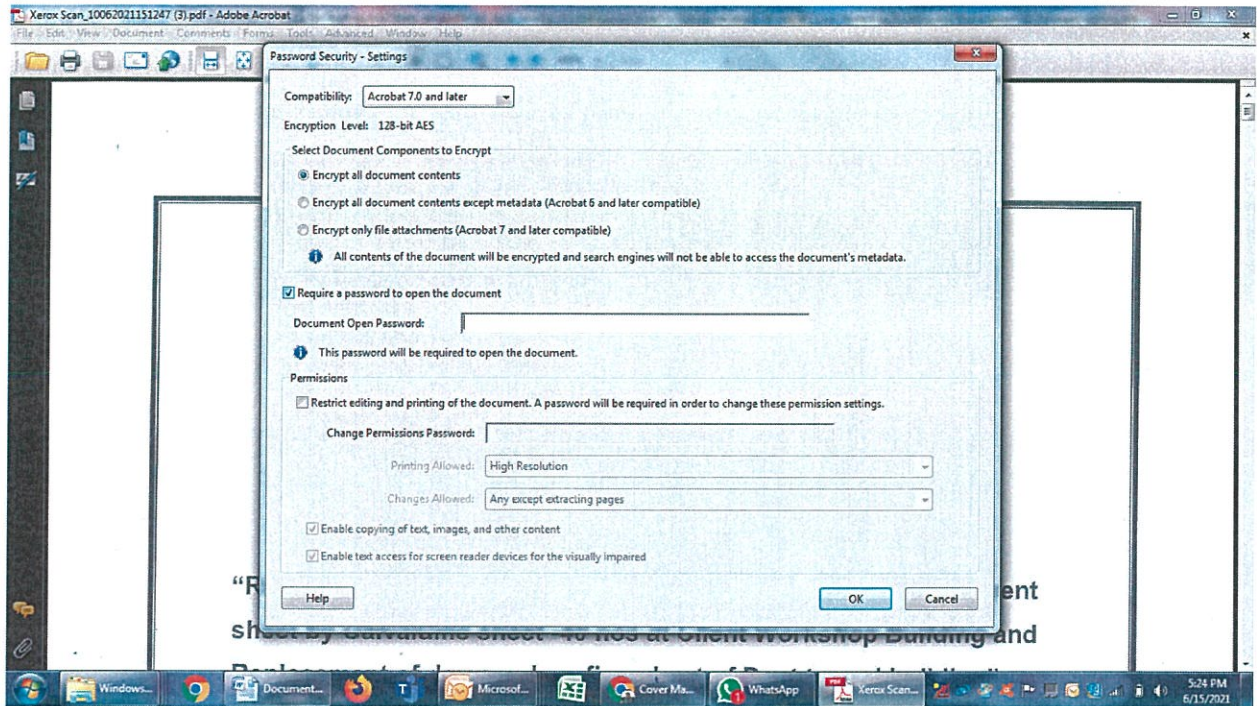


Step 3- in security tab, please click on "2 Encrypt with Password".



Step 4- after that below window will open, please check in option "Required a password to open the document". Then please fill password and click "ok".





Step 5- after that below window will be open, please fill same password again, and click "ok".

