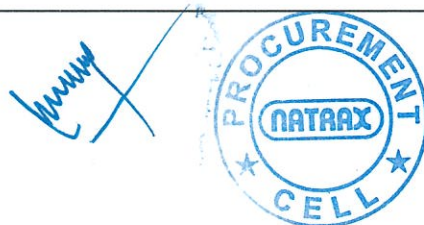


NOTICE INVITING TENDER (NIT) for		
"Comprehensive Earthing Restoration, Repair, Testing & Preventive Earthing Pit maintenance of Earthing system (As & Where required basis) at NATRAX premises", Pithampur-Dhar-Madhya Pradesh.		
Tender No: NATRAX/PROC/C&U/26/147		
नेशनल ऑटोमोटिव टेस्ट ट्रैक्स (NATRAX) नेशनल ऑटोमोटिव बोर्ड (NAB) के तहत एक ऑटोमोटिव परीक्षण और प्रमाणन केंद्र है, जो भारत सरकार के भारी उद्योग मंत्रालय के तहत एक स्वायत्त निकाय है। NATRAX प्रूविंग ग्राउंड विश्व-स्तरीय परीक्षण और मूल्यांकन सेवाएं प्रदान करता है, जो राष्ट्रीय और अंतर्राष्ट्रीय मानकों के अनुसार दो/तीन पहियों से भारी वाणिज्यिक वाहनों तक सभी श्रेणियों के वाहनों के लिए उपयुक्त हैं।		National Automotive Test Tracks (NATRAX) is an Automotive Testing & Certification Centre under National Automotive Board (NAB) which is an autonomous body under Ministry of Heavy Industries, Government of India. NATRAX proving ground offers world-class testing and evaluation services catering for all categories of vehicles from two/three wheelers to heavy commercial vehicles as per National and International standards.
NATRAX, पित्थमपुर-धार-मध्य प्रदेश स्थित NATRAX परिसर में "अर्थिंग सिस्टम की व्यापक बहाली, मरम्मत, टेस्टिंग और प्रिवेंटिव मेंटेनेंस (आवश्यकतानुसार)" के लिए 'टू-बिड सिस्टम' (दो-बोली प्रणाली) के तहत सीलबंद टेंडर आमंत्रित करता है।		NATRAX hereby invites sealed tenders in TWO BID SYSTEM for "Comprehensive Earthing Restoration, Repair, Testing & Preventive Earthing Pit maintenance of Earthing system (As & Where required basis) at NATRAX premises", Pithampur-Dhar-Madhya Pradesh.
निविदासंख्या	NATRAX/PROC/C&U/26/147 के अंतर्गत।	Under Tender No. NATRAX/PROC/C&U/26/147
कृपया ध्यान दें, NATRAX, आदेश संख्या P-45021/2/2017-पीपी (बीई-II) दिनांक 4 जून 2020, के अनुसार उद्योग और आंतरिक व्यापार, भारत सरकार के संवर्धन विभाग द्वारा जारी "सार्वजनिक खरीद (मेक इन इंडिया को प्राथमिकता), आदेश 2017- संशोधन" पर आदेश और इस संबंध में अन्य दिशानिर्देशों का पालन करेगा		Please note that, NATRAX shall follow the order on "Public Procurement (Preference to Make in India), Order 2017- Revision" issued by Department for Promotion of Industry and Internal Trade, Government of India, as per their Order Number P-45021/2/2017-PP (BE-II) dated 4th June 2020 and other guidelines in this regard.
The details of the tender are as mentioned below:		
Particular	In Hindi	In English
Tender No.	NATRAX/PROC/ C&U/26/147	NATRAX/PROC/ C&U/26/147
Name of the work	NATRAX परिसर (पित्थमपुर-धार-मध्य प्रदेश) में अर्थिंग सिस्टम की व्यापक बहाली, मरम्मत, टेस्टिंग और प्रिवेंटिव मेंटेनेंस (ज़रूरत के अनुसार)।	"Comprehensive Earthing Restoration, Repair, Testing & Preventive maintenance of Earthing system (As & Where required basis) at NATRAX premises", Pithampur-Dhar-Madhya Pradesh.
Minimum Eligibility Criteria/ न्यूनतम पात्रता मानदंड	1. कानूनी रूप से वैध इकाई: बोलों लगाने वाला अनिवार्य रूप से कानूनी रूप से वैध इकाई या तो मालिकाना फर्म, साझेदारी फर्म, प्राइवेट लिमिटेड कंपनी के रूप में होना चाहिए। जेवी/कंसोर्टियम के रूप में बोली लगाने वाले को अनुमति नहीं है	1. Legal Valid Entity: The Bidder shall necessarily be a legally valid entity either in the form of Proprietary firm, Partnership firm, Private Limited Company. Bidder in the form of JV/consortium is not permitted.
Minimum Eligibility Criteria/ न्यूनतम पात्रता	2. वित्तीय क्षमता: पिछले 3 वित्तीय वर्षों (2022-23, 2023-24 और 2024-25) में औसत वित्तीय कारोबार कम से कम 10 लाख रुपये होना चाहिए।	2. Financial Capacity: Should have the Average Financial turnover of at least Rs. 10 Lakhs in the last 3 financial years (2022-23, 2023-24 & 2024-25).



Minimum Eligibility Criteria/ न्यूनतम पात्रता मानदंड	3. तकनीकी क्षमता: पिछले 7 वर्षों में समान कार्य* घटक पूरा किया हो। i. अनुमानित लागत का कम से कम 80% का एक समान कार्य। ii. अनुमानित लागत के कम से कम 50% के दो समान कार्य। iii. अनुमानित लागत के कम से कम 40% के तीन समान कार्य।	3. Technical Capability: Should have completed <i>Similar works*</i> component in the last 7 years. i. One similar work of at least 80% of estimated cost. ii. Two similar works of at least 50% of estimated cost. iii. Three similar works of at least 40% of estimated cost.
Minimum Eligibility Criteria/ न्यूनतम पात्रता मानदंड	इसी तरह के काम* - किसी भी केंद्रीय/राज्य सरकार के संगठन, PSU या नामी प्राइवेट कंपनी में HT/LT इलेक्ट्रिकल मटेनेंस, DG अर्थिंग, LPS अर्थिंग, अर्थिंग पिट को ठीक करने का काम, केमिकल अर्थिंग, अर्थिंग की टेस्टिंग और डॉक्यूमेंटेशन, अर्थिंग के सामान को बदलना, इलेक्ट्रिकल इंफ्रास्ट्रक्चर से जुड़े काम आदि को सफलतापूर्वक पूरा किया हो। 4. बाला लगाने वाले क पास सबाधत सरकारा संस्था या इलेक्ट्रिकल इंस्पेक्टरट द्वारा जारी वैध क्लास-A/ग्रेड-I इलेक्ट्रिकल लाइसेंस होना चाहिए। 5. बोली लगाने वाले का मध्य प्रदेश के इंदौर/धार में स्थानीय कार्यालय होना चाहिए।	Similar works* - Successfully completed works in HT/LT Electrical Maintenance/DG Earthing/LPS Earthing/Earthing pit Restoration work/Chemical Earthing/Earthing Testing & Documentation work/Replacements of Earthing accessories/Electrical infrastructure works etc. in any Central/State Govt organizations/PSUs/Reputed Private firms. 4. Bidder must have valid Class-A/Grade-I Electrical Licence issued by relevant Govt. body or Electrical inspectorate. 5. Bidder must have Local office in Indore/Dhar in Madhya Pradesh.
Bid Security Amount (EMD)/ बोली सुरक्षा राशि (ईएमडी)	ईएमडी का मूल्य: Rs.20,000 /- , राष्ट्रीय मोटर वाहन परीक्षण ट्रैक के पक्ष में होगा और पीथमपुर में एक शाखा वाले अनुसूचित बैंक से कम से कम 120 दिनों के लिए वैध निम्न में से किसी भी रूप में होगा (तकनीकी बोली के साथ संलग्न किया जाए)। 1. पीथमपुर में देय डीडी। 2. बैंक गारंटी। 3. बैंकर्स चेक। 4. फिक्स्ड डिपॉजिट रसीद सरकारी दिशानिर्देशों के अनुसार, MSME/स्टार्ट-अप्स के लिए ईएमडी छूट दी गई है	The value of the EMD shall be Rs. 20,000/- favoring National Automotive Test Tracks and shall be in any of the following forms valid for at-least 120 days from a scheduled bank having a branch at Pithampur. (To be enclosed along with the technical bid). 1. DD payable at Pithampur. 2. Bank Guarantee. 3. Banker's Cheque. 4. Fixed Deposit Receipt (FDR) As per Govt guidelines, EMD is exempted for MSME/Start-ups
Cost of tender documents/निविदा दस्तावेजों की लागत।: free of cost/मुफ्त		
Estimate cost/लागत का अनुमान लगाएं।		Rs.10.00 Lakhs/- (incl. GST)/₹ 10.00 Lakhs/- (जीएसटी सहित)
Work Completion period/कार्य समाप्ति अवधि।		Two(2) months(Inclusive of rainy season)/ दो (2) महीने(बरसात के मौसम सहित)।
Sale of Tender documents/ निविदा	संपूर्ण निविदा दस्तावेज NATRAX की वेबसाइट www.natrax.in और cPPP पोर्टल पर निःशुल्क उपलब्ध हैं। इच्छुक बोलीदाता (a.prabhakar@natrax.in या natraxpithampur@gmail.com) पर ईमेल लिख सकते हैं या कार्यदिवसों में नीचे दिए गए कार्यालय पते पर जाकर सॉफ्ट कॉपी प्राप्त कर सकते हैं।	The complete "Tender Documents" can be downloaded from NATRAX website www.natrax.in and cPPP portal on free of cost. Interested bidders may write an email on (a.prabhakar@natrax.in,natraxpithampur@gmail.com) or collect soft copy by visiting below office address in working days.

Handwritten signature



दस्तावेजों की बिक्री।	राष्ट्रीय ऑटोमोटिव टेस्ट ट्रैक (NATRAX) NH-52, पुराना आगरा-मुंबई राजमार्ग, पीथमपुर फ्लाईओवर के पास, खंडवा चौकी (पीथमपुर के पास), धार जिला, मध्य प्रदेश।	National Automotive Test Tracks (NATRAX) NH - 52 Old Agra-Mumbai Highway, Near to Pithampur Flyover, Post Khandwa (Near Pithampur), Dhar district, Madhya Pradesh.
Submission Tender documents/ प्रस्तावित निविदा दस्तावेज जमा करें।	बिड ऑफ़लाइन मोड (या) ऑनलाइन मोड के माध्यम से जमा की जा सकती है। जो बिडर्स ऑनलाइन मोड के माध्यम से बिड सबमिट करना चाहते हैं, वे निम्न ईमेल आईडी पर भेज सकते हैं: a.prabhakar@natrax.in, natraxpithampur@gmail.com बिडर्स को तकनीकी बिड / वित्तीय बिड अलग-अलग जमा करनी चाहिए और दोनों फाइलों में अलग पासवर्ड सुरक्षा वाली फाइलें होनी चाहिए और पासवर्ड केवल NATRAX की लिखित अनुरोध पर ही प्रदान किया जाएगा, बिड सबमिशन के साथ नहीं।	Bids can be submitted through off-line mode (or) Online mode. BIDDERS INTERESTED TO SUBMIT BIDS THROUGH ONLINE MODE MUST SEND BIDS ON BELOW EMAIL ID'S. a.prabhakar@natrax.in, natraxpithampur@gmail.com, BIDDERS SHOULD SUBMIT TECHNICAL BIDS & FINANCIAL BIDS SEPERATELY AND BOTH FILES SHOULD CONTAIN SEPERATE PASSWORD PROTECTED FILES. PASSWORD(S) HAS TO BE PROVIDED ONLY ON WRITTEN REQUEST FROM NATRAX AND NOT ALONG WITH BID SUBMISSION.
Period of issue of tender documents./ टेंडर दस्तावेजों के जारी होने की अवधि।		From 24th September 2026 to 13.00 Hrs on 15th October 2026.
The Last Date of receipt of pre bid queries, if any/ यदि कोई हो तो पूर्व-प्रस्ताव प्रश्नों की प्राप्ति की अंतिम तिथि।		Up to 15:00 Hrs on 7th October 2026.
Date for Pre-Bid clarification meeting/ पूर्व-निविदा स्पष्टीकरण बैठक की तिथि।		8th October 2026 at 11:00 Hrs. (online mode & link will be shared seperately on written request from bidders on the above mentioned email ID)
Last date/ Time for submission of Sealed Bids/ सील बंद बोलियों के सबमिशन की अंतिम तिथि/ समय।		Up to 15:00 Hrs on 15th October 2026, at HQ office NATRAX
Date/ Time of opening of technical bids/ तकनीकी बोलियों के खुलने की तिथि/ समय।		15:30 Hrs on 15th October 2026 at HQ office NATRAX
अस्वीकरण • NATRAX बिना कोई कारण बताए निविदा को अस्वीकार/ संशोधित/ रद्द करने का अधिकार सुरक्षित रखता है। • दस्तावेज को हिंदी और अंग्रेजी दोनों भाषाओं में तैयार किया गया है; हालांकि किसी भी विसंगति के मामले में अंग्रेजी प्रबल होगी।		Disclaimer • NATRAX reserves the right to reject/modify/cancel the tender without assigning any reason thereof. • The document has been prepared in both the language Hindi & English; however in case of any discrepancy the English shall prevail.
National Automotive Test Tracks (NATRAX) NH-52, Old Agra-Mumbai Highway, Near to Pithampur Flyover, Post Khandwa (Near Pithampur, Dist. Dhar (M.P). website: www.natrax.in Phone: +91-9893892310 Email: a.prabhakar@natrax.in; natraxpithampur@gmail.com		

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Head -Procurement & Stores



Tender No: NATRAX/PROC/C&U/26/147

NATIONAL AUTOMOTIVE TEST TRACKS

OPEN TENDER ENQUIRY

(TWO BID SYSTEM)

**"Comprehensive Earthing Restoration, Repair, Testing & Preventive Earthing
Pit maintenance of Earthing system(as & where required basis) at NATRAX,
Pithampur, Dhar, Madhya Pradesh.**

Tender No: NATRAX/PROC/C&U/26/147

National Automotive Test Tracks (NATRAX)

A unit of National Automotive Board (NAB), Old Agra- Mumbai Highway(NH-52), Adjacent to Smart Industrial Park of MPIDC, Post: Khandwa (Near Pithampur) Dhar: District, Madhya Pradesh-454774 Phone: +919993542350(Reception Ext:111),
Email: a.prabhakar@natrax.in; natraxpithampur@gmail.com





Tender No: NATRAX/PROC/C&U/26/147

1. General Instructions:

नेशनल ऑटोमोटिव टेस्ट ट्रैक्स (NATRAX) नेशनल ऑटोमोटिव बोर्ड (NAB) के तहत एक ऑटोमोटिव टेस्टिंग एंड सर्टिफिकेशन सेंटर है, जो भारी उद्योग मंत्रालय, भारत सरकार द्वारा गठित एक स्वायत्त निकाय है। NATRAX को लगभग 3000 एकड़ भूमि पर पीथमपुर, जिला धार, (मध्य प्रदेश, भारत) के पास, सभी प्रकार के ऑटोमोबाइल के व्यापक परीक्षण और मूल्यांकन के लिए स्थापित किया गया है।/National Automotive Test Tracks (NATRAX) is an Automotive Testing & Certification Centre under NATRiP Implementation Society (NATIS)/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).

नेशनल ऑटोमोटिव टेस्ट ट्रैक्स (NATRAX), इस बोली में निहित नियमों और शर्तों पर कार्य करने, निष्पादित करने और कार्य करने के लिए निर्धारित प्रोफार्मा में खुली निविदा पृच्छाछ (OTE) के तहत पंजीकृत, योग्य और अनुभव से पासवर्ड संरक्षित कोटेशन / बोली आमंत्रित करता है। दस्तावेज़। कार्यों का संक्षिप्त विवरण और एनआईक्यू की समय-सीमा नीचे दी गई तालिका में संक्षेप में दी गई है।/The National Automotive Test Tracks (NATRAX), invites Password Protected Quotation/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 Bid document. Brief Description of works and the timelines for OTE are summarised in the table below:

कार्य का वर्णन /Description of Work	अनुबंध की अवधि / Period of Contract	निविदा के फ्लोटिंग की शुरुआत की तिथि / Date of start of floating of tender	बोली-पूर्व बैठक की तिथि और समय Date & Time of Pre Bid Meeting	बोली जमा करने की अंतिम तिथि और समय / Last date for submission of Bid	बोली खोलने की तिथि और समय / Date & Time of Bid opening	Earnest Money Deposit (EMD)/ अर्नेस्ट मनी डिपॉज़िट (EMD)	अनुमानित लागत/Esti mated cost
Comprehensive Earthing Restoration, Repair, Testing & Preventive Earthing Pit maintenance of Earthing system(as & where required basis) "at NATRAX, Pithampur-Dhar-Madhya Pradesh.	Two months from the date of issue of Work Order.	24.09.2026	08.10.2026 at 1100 Hrs	15.10.2026 at 1500 Hrs	15.10.2026 at 1530 Hrs	Rs. 20,000/-	Rs. 10,00,000/- (Inclusive GST)





Tender No: NATRAX/PROC/C&U/26/147

बोली लगाने वाले को दिए गए निर्देश (आईटीबी) में उल्लिखित न्यूनतम पात्रता मानदंड (एमईसी) को पूरा करने वाले बोलीदाता बोली प्रक्रिया में सफल होने के लिए पात्र हो सकते हैं। संयुक्त उद्यम/संघ के रूप में बोली लगाने वालों को अनुमति नहीं है।/ The Bidder(s) who meet the Minimum Eligibility Criteria (MEC) as mentioned in the Instruction to Bidder (ITB) may be eligible to become successful in the Bidding process. The bidder(s) in the form of JV/Consortium is not permitted.

2. बोली प्रस्तुत करने का विवरण:/ Bid Submission details:

इस प्रकार की बोली को दो बोली प्रणाली कहा जाता है (तकनीकी बोली और वित्तीय बोली अलग-अलग कवर में)/Type of bid called-Two Bid System(Technical Bid and Financial Bid in separate covers)

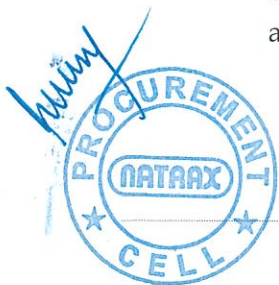
a. पासवर्ड से सुरक्षित बोलियां/कोटेशन बोलीदाता(ओं) द्वारा निम्नलिखित ईमेल आईडी पर पूर्वोक्त समय व तिथि से पहले या पूर्व सूचना पर अगली सुविधाजनक तिथि व समय पर प्रस्तुत किए जाने हैं। (पासवर्ड सुरक्षा विवरण के लिए कृपया इस दस्तावेज़ के अनुलग्नक IV देखें)।/ Password protected Bids(Technical and Financial bids separately)/Quotations are to be submitted by the Bidder(s) at the following email ID's not later than the aforesaid time & date or as next convenient date & time on pre-intimation. (for password protection details please refer relevant pages of this document/Annexure V).

Email to: a.prabhakar@natrax.in; natraxpithampur@gmail.com

या/OR

मोहरबंद बोलियां/कोटेशन भी पूर्वोक्त तिथि और समय पर NATRAX हब कार्यालय में सीलबंद लिफाफों में हार्ड कॉपी में जमा किए जा सकते हैं/ Sealed Bids/quotations may also be submitted in the hard copy in sealed envelopes at NATRAX Hub office in the aforesaid date and time.

b. उपरोक्त तिथि और समय के बाद कोई भी बोली स्वीकार नहीं की जाएगी। हालाँकि, अपवादात्मक मामलों में, NATRAX बोली खोलने से पहले बोली जमा करने की समय/अंतिम तिथि को अगली सुविधाजनक तिथि/समय तक बढ़ाने का अधिकार सुरक्षित रखता है।/ No Bids will be accepted after the aforesaid date and time. However, on exceptional cases, NATRAX reserves the right to extend the time/last date of submission of Bid to a next convenient date/time before opening of the Bids.





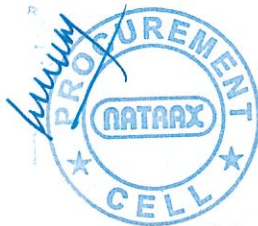
Tender No: NATRAX/PROC/C&U/26/147

- c. टेलीग्राफिक या अन्य माध्यमों (टेलीफैक्स आदि) से भेजी गई बोलियां, जो पासवर्ड संरक्षित नहीं हैं, उन्हें दोषपूर्ण, अमान्य माना जाएगा और उन्हें अस्वीकृत कर दिया जाएगा।/ Bids sent telegraphically or through other means of transmission (telefax, etc.) which are not Password Protected shall be treated as defective, invalid and shall stand rejected.
- d. नैट्रैक्स किसी भी प्रकार की देरी के लिए जिम्मेदार नहीं होगा, जैसे कि रसीद न मिलना/डिलीवरी न होना/या किसी तकनीकी त्रुटि या गलत पते के कारण देरी होना। बोलीदाता नैट्रैक्स से अपनी बोली जमा करने की रसीद की पुष्टि कर सकते हैं।/ NATRAX shall not be responsible for any delays for non-receipt /non-delivery/or any technical errors or due to wrong addressee. Bidders may confirm the receipt of their Bids submission from NATRAX.

3. Disclaimer/ अस्वीकरण:

NATRAX बिना कोई कारण बताए किसी या सभी प्रस्तावों को स्वीकार/अस्वीकार/संशोधित/विभाजित करने के सभी अधिकार सुरक्षित रखता है। NATRAX के किसी भी निर्णय के लिए बोलीदाताओं के पास कार्रवाई का कोई कारण या दावा नहीं होगा। NATRAX reserves all rights to accept/ reject/modify/split any or all proposals without assigning any reasons. Bidders shall not have any cause of action or claim against NATRAX for any of its decisions.

यह निविदा दस्तावेज/एनआईक्यू दोनों भाषाओं (अंग्रेजी और हिंदी) में उचित देखभाल के साथ तैयार किया गया है, हालांकि, किसी भी विसंगति के मामले में अंग्रेजी भाषा प्रबल होगी। This tender document has been prepared in both the languages (English & Hindi) with due care, however, in case of any discrepancy the English Language will prevail.



For NATRAX

Head Procurement & Stores/ हेड प्रोक्योरमेंट एंड स्टोर्स



Tender No: NATRAX/PROC/C&U/26/147

अनुलग्नक I/ANNEXURE I(A)

बोलीदाताओं के लिए निर्देश (आईटीबी)/ INSTRUCTION TO BIDDERS (ITB)

1. बोलीदाताओं को ईमेल के विषय पर "निविदा संख्या NATRAX/PROC/C&U/26/147 के लिए बोली" नामक पासवर्ड संरक्षित पीडीएफ प्रारूप में अपनी बोलियां जमा करनी होंगी, जिसमें पासवर्ड संरक्षित पीडीएफ दस्तावेज़ शामिल है, जैसा कि नीचे दिया गया है . पासवर्ड से सुरक्षित बोलियां बोली जमा करने की तिथि/समय के बंद होने से पहले उल्लिखित ईमेल आईडी पर प्रस्तुत की जाएंगी।/ Bidders are required to submit their Bids in a **Password Protected PDF format**, named as "**Bid for Tender No: NATRAX/PROC/C&U/26/147**" on the subject of the email, containing **Password Protected PDF document**, as given below. The **Password Protected** bids shall be submitted at the mentioned email ID's before the closure of bid submission date/time.

OR

सीलबंद बिड/कोटेशन हार्ड कॉपी में भी जमा किया जा सकता है, जिसमें टेक्निकल बिड और फाइनेंशियल बिड अलग-अलग लिफाफों में बिडर द्वारा सील किए जाने चाहिए, जिन पर ठीक से सुपर-स्क्राइब किया गया हो, और इन दोनों सीलबंद लिफाफों को एक बड़े लिफाफे में रखकर सील किया जाना चाहिए और उस पर भी ठीक से सुपर-स्क्राइब करके बताई गई तारीख और समय पर NATRAX ऑफिस में जमा करना होगा।

Sealed Bid/quotation may also be submitted in the hard copy containing Technical bid and financial bid should be sealed by the bidder in separate covers duly super-scribed and both these sealed covers are to be put in a bigger cover which should be sealed and duly super-scribed and submit at NATRAX office in the aforesaid date and time.

ऑनलाइन बोली प्रस्तुत करने के मामले में, बोली खोलने के समय बोलीदाता द्वारा दस्तावेज़ का पासवर्ड प्रस्तुत किया जाएगा। / In case of online Bid submission, the password of the document shall be submitted by the Bidder at the time of the opening of Bid.





2. बोली खोलना:/ Bid Opening:

बिड को NATRAX अधिकारियों की कमेटी बिडर (अगर उपलब्ध हो) की मौजूदगी में आगे की जांच, मूल्यांकन, रैंकिंग और ऑर्डर देने के लिए खोलेगी।

टू बिड सिस्टम में, पहले टेक्निकल बिड खोली जाएंगी और कमेटी ऊपर बताए गए MEC के अनुसार जांच करेगी और मूल्यांकन रिपोर्ट के आधार पर, सिर्फ क्वालिफाइड बिडर के लिए प्राइस बिड खोली जाएंगी। डिसक्वालिफाइड बिड को बिना खोले रखा जाएगा।/ The bid shall be opened by the committee of NATRAX officials in the presence of bidder (if available) for further scrutiny, evaluation, ranking & placement of order.

In Two bid system, First Technical bid shall be opened and Committee shall be scrutinized as per MEC prescribed in the above and based on evaluation report, Financial bid shall be opened for Qualified bidders only. Financial bids of Disqualified bids shall kept in Un opened position and shall be handed over to bidders after award of work.

- a) तकनीकी बोली मूल्यांकन प्रक्रिया के दौरान, NATRAX बोलीदाता से ई-मेल के माध्यम से या उनके तकनीकी प्रस्तावों की पुष्टि और समेकन के लिए लिखित रूप में स्पष्टीकरण मांग सकता है।/ During the technical bid evaluation process, NATRAX may ask clarifications to the bidder through E-mail or in writing for confirming and consolidating their technical offers.
 - b) NATRAX द्वारा निर्दिष्ट समय के भीतर ऐसे सभी स्पष्टीकरणों का उत्तर बोलीदाता द्वारा ई-मेल द्वारा दिया जाना आवश्यक है / All such clarifications are required to be answered by the bidder by E-mail, within the time specified by NATRAX.
3. अनुबंध इस निविदा दस्तावेज़ में निर्दिष्ट नियमों और शर्तों द्वारा शासित होगा, जिसमें संशोधन, कार्य आदेश आदि शामिल हैं।/ The Contract shall be governed by the terms and conditions specified in this tender document including amendments, work order etc.



4. सभी बोलीदाताओं को एतद्वारा स्पष्ट रूप से सूचित किया जाता है कि अनुबंध की शर्तों से "सशर्त प्रस्ताव" या "विचलन के साथ प्रस्ताव", न्यूनतम योग्यता मानदंड, तकनीकी विनिर्देश, या निविदा दस्तावेजों में निर्धारित किसी भी अन्य आवश्यकताओं को पूरा नहीं करने वाले कोटेशन के लिए उत्तरदायी हैं। "अस्वीकृत" हो।/ All Bidders are hereby explicitly informed that "CONDITIONAL OFFERS" or "OFFERS WITH DEVIATIONS" from the conditions of Contract, the quotation not meeting the minimum eligibility criteria, technical specifications, or any other requirements as stipulated in the Tender documents are liable to be "REJECTED".
5. बोलीदाता को अपनी तकनीकी सुदृढ़ता का विवरण देना चाहिए और सरकारी विभागों/उपक्रमों/सार्वजनिक/निजी क्षेत्रों/स्वायत्त आदि में समान प्रकृति के पिछले कार्यों के ग्राहकों/ग्राहकों की सूची प्रदान करनी चाहिए।/ Bidder should give details of their technical soundness and provide list of customers/client of previous works of similar nature in Government Departments/ Undertakings/ Public / Private sectors/Autonomous etc.,
6. न्यूनतम पात्रता मानदंड: - बोली लगाने वाले को निम्नलिखित दो (ए या बी) में से किसी एक को पूरा करना चाहिए:/ Minimum Eligibility Criteria: - The bidder should fulfill either of the following two (A or B):
- A. बोलीदाता के पास विक्रेता पंजीकरण के तहत NATRAX के साथ वैध पंजीकरण होना चाहिए / The bidder should have valid registration with NATRAX under vender registration.
OR
- B. बोली लगाने वाले को निम्नलिखित मानदंडों को पूरा करना चाहिए:/ The bidder should meet the following criteria:
- i) **MEC-1:-Legal valid entity:** - It shall be valid legal entity in form of Proprietor/partnership/LLP/Pvt. Ltd company/Govt. entity/Limited Company/autonomous body etc, and should have valid registration with appropriate governing authority. To supporting this, proof should have to be submitted along with quotation/**कानूनी वैध इकाई:** - यह प्रोपराइटर/साझेदारी/एलएलपी/प्राइवेट लिमिटेड कंपनी / सरकारी इकाई/सीमित/ कंपनी/स्वायत्त निकाय आदि, के रूप में वैध कानूनी इकाई होगी और उचित शासकीय प्राधिकरण के साथ वैध पंजीकरण होना चाहिए। इसके समर्थन में कोटेशन के साथ प्रमाण प्रस्तुत करना होगा। **In the form of JV/Consortium not permitted.**





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List of acceptable documents: a) Licence certificate/Gumasta of the firm or b) Details of owner/Partners of the firm. c) Copies of Income Tax Registration/PAN card, GST Registration, PF registration and any other statutory requirements etc.

ii) **The value of EMD Rs.20,000/-- shall be submitted in favour of "National Automotive Test Tracks payable at Pithampur in the form of Demand Draft/Bank Guarantee/Banker's Cheque/Fixed Deposit Receipt(FDR).However EMD shall be Exempted MSME Registered vendors as per Govt guidelines.**

iii) **MEC-2:Financial Capabilities:** a)The minimum Average Turnover of the bidder during the last three financial years, ending on 31st March of the previous financial year i.e. F/Y 2023-24,2024-25,2025-26 should be **Rs.10.00 Lakh**. b) However for the FY 2023-24,2024-25 financial turnover certificate should be duly certified by C.A. with his UDIN. c) For FY2025-26 financial turnover (un-audited /provisional) should be certified by either by C.A with his UDIN or by the company Managing Director/Finance Head. d)In case the date of constitution/incorporation of the bidder is less than 3 year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

iv) **MEC-3:-Work Experience:** Should have completed Similar works* component in the last 7 years meeting the following criteria: / पिछले 7 सालों में नीचे दिए गए क्राइटेरिया को पूरा करते हुए **Similar works*** कम्पोनेंट पूरा किया होना चाहिए:

a. One similar completed work costing not, not less than @ 80% of Estimated cost; / एक समान पूर्ण किया गया कार्य जिसकी लागत अनुमानित लागत के 80 प्रतिशत से कम नहीं हो;

OR

b. Two similar completed works costing not, not less than @ 50% of Estimated cost; / दो समान पूर्ण किए गए कार्य जिनकी लागत अनुमानित लागत के 50 प्रतिशत से कम नहीं हो;

OR

c. Three similar completed works costing not, not less than @ 40% of Estimated cost; / तीन समान पूर्ण किए गए कार्य जिनकी लागत अनुमानित लागत के 40% से कम नहीं हो;





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**Similar Works: Successfully completed works in HT/LT Electrical Maintenance/DG Earthing/LPS Earthing/Earthing pit Restoration work/Chemical Earthing/Earthing Testing & Documentation work/Replacements of Earthing accessories/Electrical infrastructure works etc. in any Central/State Govt organizations/PSUs/Reputed Private firms.*

v) MEC-4 Bidder must have valid Class-A/Grade-I Electrical Licence issued by relevant Govt. body or Electrical inspectorate.

vi) MEC-5: Bidder should have an office at Indore/Dhar in Madhya Pradesh.

vii) Exemption: Valid Startups registered firms shall be exempted From above 6(B) subject to submission of valid registration certificate and supporting documents for technical competency. In this regard NATRAX Reserve the rights to have interaction with the bidder for understand the technical specification and quality of the work.

छूट: वैध स्टार्टअप और रजिस्टर्ड फर्मों को ऊपर बताए गए 6(B) से छूट दी जाएगी, बशर्ते वे वैध रजिस्ट्रेशन सर्टिफिकेट और तकनीकी क्षमता के लिए ज़रूरी दस्तावेज़ जमा करें। इस संबंध में, NATRAX को काम की तकनीकी जानकारी और क्वालिटी को समझने के लिए बोली लगाने वाले से बातचीत करने का अधिकार होगा।

7. **Opening & Evaluation of Quotations:** Bids shall be opened by the committee of NATRAX officials, and shall be evaluated in following manner:

कोटेशन खोलना और मूल्यांकन करना: बोलियां NATRAX अधिकारियों की समिति द्वारा खोली जाएंगी और निम्नलिखित तरीके से उनका मूल्यांकन किया जाएगा:

If the bidder is registered vendor of NATRAX the quotations shall be accepted for comparison of quoted rates. If bidder is not registered vendor of NATRAX then the evaluation shall be done as per below:

यदि बोलीदाता NATRAX का पंजीकृत विक्रेता है तो उद्धृत दरों की तुलना के लिए कोटेशन स्वीकार किए जाएंगे। यदि बोलीदाता NATRAX का पंजीकृत विक्रेता नहीं है तो मूल्यांकन नीचे के अनुसार किया जाएगा:

First- the quotations shall be evaluated as per the MEC defined as above 6 (B).

प्रथम- कोटेशन का मूल्यांकन उपरोक्त 6 (बी) के रूप में परिभाषित एमईसी के अनुसार किया जाएगा।



8. **The Bidders** are expected to carefully examine all the contents of the Tender documents including instructions, conditions, terms, specifications, drawings (if any) and may inspect the Site with prior notice to NATRAX and at Bidders own cost, to acquaint himself with all local conditions, means of access to the work, nature of the work and all matters pertaining thereto & take them fully into account before submitting their offer. Failure to comply with the requirements as detailed in these documents shall be at the Bidder's own risk. Bids which are not responsive to the requirements of the Tender will be rejected.

बोलीदाताओं से निर्देशों, शर्तों, शर्तों, विनिर्देशों, आरेखण (यदि कोई हो) सहित निविदा दस्तावेजों की सभी सामग्री की सावधानीपूर्वक जांच करने की अपेक्षा की जाती है और NATRAX को पूर्व सूचना देकर और बोली लगाने वालों की अपनी लागत पर, सभी स्थानीय चीजों से खुद को परिचित कराने के लिए साइट का निरीक्षण कर सकते हैं। जैसे शर्तें, कार्य तक पहुंच के साधन, कार्य की प्रकृति और उससे संबंधित सभी मामले और अपना प्रस्ताव प्रस्तुत करने से पहले उन्हें पूरी तरह से ध्यान में रखें। इन दस्तावेजों में वर्णित आवश्यकताओं के अनुपालन में विफलता बोलीदाता के अपने जोखिम पर होगी। निविदा की आवश्यकताओं के प्रति उत्तरदायी नहीं होने वाली बोलियों को अस्वीकार कर दिया जाएगा।

9. **While** all efforts have been made to avoid errors in drafting of the Tender documents, the Bidder is advised to check the same carefully. No claim on account of any errors detected in the Tender documents shall be entertained.

जबकि निविदा दस्तावेजों के प्रारूपण में त्रुटियों से बचने के लिए सभी प्रयास किए गए हैं, बोली लगाने वाले को सलाह दी जाती है कि वे सावधानीपूर्वक इसकी जांच करें। निविदा दस्तावेजों में पाई गई किसी भी त्रुटि के कारण किसी भी दावे पर विचार नहीं किया जाएगा

10. **The Bidder** shall carry out all the work strictly in accordance with Specification, Standard Practices and instructions of NATRAX or NATRAX's representative and deviation on any account will not be permitted. If in the opinion of NATRAX, changes have to be made in the design and it desires the Bidder to carry out the same. The decision of NATRAX in such cases shall be final and shall not be opened to arbitration.

बोलीदाता विशिष्टता, मानक प्रथाओं और NATRAX या NATRAX के प्रतिनिधि के निर्देशों के अनुसार सभी कार्य करेगा और किसी भी खाते में विचलन की अनुमति नहीं दी जाएगी। यदि NATRAX की राय में, डिजाइन में बदलाव किए जाने हैं और वह बोली लगाने वाले को ऐसा करने की इच्छा रखता है। ऐसे मामलों में NATRAX का निर्णय अंतिम होगा और मध्यस्थता के लिए खुला नहीं होगा।



11. The successful Bidder is bound to carry out associated work necessary for the completion of the job even though such items are not included in the quantities and drawings to achieve end results and deemed to be priced in the other items. No claim on this account shall be entertained.

सफल बोलीदाता कार्य पूरा करने के लिए आवश्यक संबंधित कार्य करने के लिए बाध्य है, भले ही ऐसी वस्तुओं को अंतिम परिणाम प्राप्त करने के लिए मात्राओं और रेखाचित्रों में शामिल नहीं किया गया है और अन्य मदों में मूल्य के रूप में समझा जाता है। इस खाते पर किसी भी दावे पर विचार नहीं किया जाएगा।

12. The successful Bidder should make his own arrangement to obtain all materials required for the work.

सफल बोलीदाता को कार्य के लिए आवश्यक सभी सामग्री की व्यवस्था स्वयं करनी होगी।

13. **Addendum / Corrigendum** (if required) to the Tender may be issued prior to the date of opening of the Bid to clarify or to intimate any changes/modifications etc. All such addendum / corrigendum shall be treated as an integral part of the Tender.

निविदा के लिए परिशिष्ट / शुद्धिपत्र (यदि आवश्यक हो) को स्पष्ट करने या किसी भी परिवर्तन / संशोधन आदि को सूचित करने के लिए बोली खोलने की तारीख से पहले जारी किया जा सकता है। ऐसे सभी परिशिष्ट / शुद्धिपत्र को निविदा के अभिन्न अंग के रूप में माना जाएगा।

14. **Any** effort by a Bidder to influence NATRAX or any of its functionaries in the process of examination, clarification, evaluation and comparison of tenders and in decisions concerning award of contract, may result in rejection of the Bid.

बोली लगाने वाले द्वारा NATRAX या इसके किसी भी अधिकारी को परीक्षा, स्पष्टीकरण, मूल्यांकन और निविदाओं की तुलना और अनुबंध देने से संबंधित निर्णयों की प्रक्रिया में प्रभावित करने के किसी भी प्रयास के परिणामस्वरूप बोली को अस्वीकार किया जा सकता है।

15. In order to afford prospective bidders, reasonable time for preparing their Quotes after taking into account such amendments, NATRAX may, at its discretion, extend the deadline for submission of bids.

संभावित बोलीदाताओं को वहन करने के लिए, इस तरह के संशोधनों को ध्यान में रखते हुए, उनके उद्धरण तैयार करने के लिए उचित समय, NATRAX अपने विवेक से बोलियां जमा करने की समय सीमा बढ़ा सकता है।





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16. Information relating to the examination, clarification, evaluation and comparison of bids and recommendations concerning the award of Contract shall not be disclosed to Bidders or other persons not officially concerned with such process.

परीक्षा से संबंधित जानकारी, स्पष्टीकरण, मूल्यांकन और बोलियों की तुलना और अनुबंध प्रदान करने से संबंधित सिफारिशें बोलीदाताओं या अन्य व्यक्तियों को प्रकट नहीं की जाएंगी जो ऐसी प्रक्रिया से आधिकारिक रूप से संबंधित नहीं हैं।

17. NATRAX reserves the right to accept / reject or modify any bids, and to annul the Tender process and reject all quotations, at any time prior to award of Contract, or to divide the Contract between/amongst Bidders without thereby incurring any liability to the affected Bidder or Bidders or any obligations to inform the affected Bidder or Bidders of the grounds for NATRAX's action. Any bidder not following ITB stands rejected.

NATRAX किसी भी बोलियों को स्वीकार/अस्वीकार या संशोधित करने, और निविदा प्रक्रिया को रद्द करने और सभी कोटेशनों को अस्वीकार करने का अधिकार सुरक्षित रखता है, अनुबंध प्रदान करने से पहले किसी भी समय, या बिना किसी दायित्व के बोलीदाताओं के बीच/बीच में अनुबंध को विभाजित करने के लिए प्रभावित बोलीदाता या बोली लगाने वालों या NATRAX की कार्यवाही के लिए प्रभावित बोली लगाने वाले या बोली लगाने वालों को सूचित करने का कोई दायित्व। आईटीबी का पालन नहीं करने वाले किसी भी बोलीदाता को खारिज कर दिया जाता है

18. **Quoted Rates:** The rate should be quoted both in words and figures on NATRAX prescribed format duly signed & stamped by the Bidder, incase any discrepancy, rate quoted in word will be preferred. All statutory deductions shall be applicable while releasing payments. All corrections and overwriting should be initialed by the Bidder.

कोट की गई दरें: दर शब्दों और अंकों दोनों में NATRAX निर्धारित प्रारूप पर बोली लगाने वाले द्वारा विधिवत हस्ताक्षरित और मुहर लगी होनी चाहिए, किसी भी विसंगति के मामले में, शब्द में उद्धृत दर को प्राथमिकता दी जाएगी। भुगतान जारी करते समय सभी वैधानिक कटौतियां लागू होंगी। सभी सुधारों और ओवरराइटिंग पर बोलीदाता द्वारा आद्याक्षर किया जाना चाहिए।



- a) The bidder needs to fill the rates against each item in words as well as in figures as mentioned in BOQ (Financial bid). In case of any discrepancy, the rate provided in word shall prevail and correct the amount against the item. All the prices should be inclusive of all taxes and GST.

बोली लगाने वाले को बीओक्यू (वित्तीय बोली) में उल्लिखित प्रत्येक वस्तु के सामने शब्दों के साथ-साथ अंकों में दरें भरने की आवश्यकता है। किसी भी विसंगति के मामले में, शब्द में प्रदान की गई दर प्रबल होगी और मद के लिए राशि सही होगी। सभी कीमतें सभी करें और जीएसटी सहित होनी चाहिए।

- b) The amount stated in the Letter to Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, the bid will be rejected.

लेटर टू बिड में बताई गई राशि त्रुटियों के सुधार के लिए उपरोक्त प्रक्रिया के अनुसार नियोक्ता द्वारा समायोजित की जाएगी और बोली लगाने वाले के लिए बाध्यकारी मानी जाएगी। यदि बोलीदाता बोली की सही राशि को स्वीकार नहीं करता है, तो बोली को अस्वीकार कर दिया जाएगा

19. **Contract negotiations:** If required, NATRAX reserve the right to negotiate with the bidder before the issuance of work order/Letter of Acceptance/ Notification of Award. The negotiation shall conclude with a revised offer letter from the successful bidder, affecting the discounts if any and accepted by NATRAX.

अनुबंध वार्ता: यदि आवश्यक हो, तो NATRAX कार्य आदेश जारी करने/स्वीकृति पत्र/अवार्ड की अधिसूचना जारी करने से पहले बोली लगाने वाले के साथ बातचीत करने का अधिकार सुरक्षित रखता है। बातचीत सफल बोलीदाता से संशोधित प्रस्ताव पत्र के साथ समाप्त होगी, यदि कोई छूट हो तो उसे प्रभावित करेगी और NATRAX द्वारा स्वीकार की जाएगी।

20. **Award of Work:** Prior to the expiry of the period of Bid validity prescribed, NATRAX will issue to the Successful Bidder, the Work Order. The Successful Bidder shall return one copy of the Work Order to NATRAX duly acknowledged and signed by the authorized signatory, within two [2] days of receipt of the same by him.

कार्य प्रदान करना: निर्धारित बोली वैधता की अवधि समाप्त होने से पहले, NATRAX सफल





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बोलीदाता को कार्य आदेश जारी करेगा। सफल बोलीकर्ता कार्य आदेश की एक प्रति उसके द्वारा प्राप्त होने के दो [2] दिनों के भीतर अधिकृत हस्ताक्षरकर्ता द्वारा विधिवत स्वीकृत और हस्ताक्षरित NATRAX को वापस कर देगा।

21. **Validity of bids: / बोलियों की वैधता:** The rate quoted should be valid for a minimum period of 120 days from the last date of Submission of Quotation. No claim for escalation of rate will be considered at any point of time./ उद्धृत दर कोटेशन जमा करने की अंतिम तिथि से कम से कम 120 दिनों की अवधि के लिए वैध होनी चाहिए। दर में वृद्धि के किसी भी दावे पर किसी भी समय विचार नहीं किया जाएगा
22. **Bidders** requiring any clarification of the Tender may write to a.prabhakar@natrax.in; natraxpithampur@gmail.com निविदा के किसी भी स्पष्टीकरण की आवश्यकता वाले बोलीदाता a.prabhakar@natrax.in ; natraxpithampur@gmail.com लिख सकते हैं;





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Annexure-I (B)

1. Special Conditions of contract:

a.	Scope of work:	"Comprehensive Earthing Restoration, Repair, Testing & Preventive Earthing Pit maintenance of Earthing system(as & where required basis) at NATRAX, Pithampur, Dhar, Madhya Pradesh.
b.	Detail scope of Work	As per BOQ.
c.	Contract Period	The contract shall be remains valid up to the period of 60 days from the date of Work Order.
d.	Completion period	Within 60 days from the date of work order.
e.	Engineer In-charge (EIC)	Shall be notified to the successful bidder.
f.	Rate Firmness	The charges/Rate quoted by supplier must be Firm throughout the contract period and no escalation of any kind is permissible.
g.	Defect liability period	6 Months from the date of completion work.
h.	Payment, Mode and Retention	i. Payment shall be made of IPC on submission of bills along with supporting documents and certified by EIC. ii. Payment shall be made after statutory deduction as applicable. iii. The payment shall be released within 30 working days from the date of certification by EIC. iv. The GST/Taxes & duties of Govt. will be reimbursed on an actual basis upon the submission of original receipt / documentary evidence. All the payments shall be made through RTGS only.
i.	Quantity Variations / Revision of Rates	NATRAX reserves the right to vary any individual item to any extent either positive or negative within the scope of work as defined. The decision as to items are within the scope of work shall be of NATRAX which is final & binding. Overall variation should not be exceeded 10% of Total contract value. Therefore, in case of variation in quantity as given in BOQ either positive or negative no rate revision is applicable.
j.	Liquidated Damages	Contractor shall have to execute the work within the period as defined in this document as "Contract Period", failing which NATRAX reserve the rights to impose LD on its discretion 0.1%





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		of contract value per day upto maximum value of 10% of contract value.
k.	Project Facility / Place of Installation/delivery	NATRAX Site NH-52, Old Agra- Mumbai Highway, Near to Pithampur Flyover, Post Khandwa (Near Pithampur), Dhar District, Madhya Pradesh-454774.
l.	Cost of Tender document	Free of cost.
m.	Earnest Money Deposit (EMD) fee (Refundable)	The value of EMD Rs.20,000/-- shall be submitted in favour of "National Automotive Test Tracks payable at Pithampur in the form of Demand Draft/Bank Guarantee/Banker's Cheque/Fixed Deposit Receipt(FDR).However EMD shall be Exempted MSME Registered vendors as per Govt guidelines.
n.	Performance Security	5%(Three) of Contract Value with in 15 days should be submitted as Performance Security by the Successful Bidder on award of Contract. Performance Security may be furnished in the form of an A/c payee Demand Draft, Fixed deposit Receipt(FDR) or Bank Guarantee from a Scheduled Commercial Bank favouring "National Automotive Test Tracks"&payable at Pithampur and should remain valid for a period of Sixty days beyond the date of completion of all Contractual Obligations.
o.	Returning of Performance Security	Performance Security shall be valid 60 days after successful completion of warranty period.
p.	Other Terms and conditions	i)The bidder should submit list of the equipment's/machines with them. In case of machines/equipment's are planned to hire from other's, the rent agreement for hiring the same should be submitted. ii)No extra charge is payable for to and fro, boarding and lodging for the service personnel coming to NATRAX.
q.	Water supply & Electricity Charges	i) Electricity: Free of cost. ii) Water supply: Free of Cost
r.	Termination of Contract	If the work/service is found to be not satisfactory or not found as per the specification indicated in this document, the Contract will be terminated with short notice of 14 days in writing.





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		In case of termination, the balance work shall be completed by NATRAX through any other party on the risk & cost of the contractor.
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ANNEXURE – I

BUILDING-WISE EARTHING SYSTEM STATUS REPORT

(Based on Physical Inspection Conducted by Utility Team on Date: 09.07.2026)

Comprehensive Restoration, Repair, Testing & Preventive Maintenance of Earthing System at NATRAX Campus on "As & Where Required Basis.

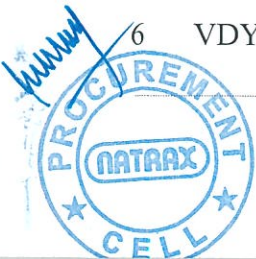
The objective of this inspection was to assess the present condition of the existing earthing systems installed throughout the NATRAX campus and to identify locations requiring preventive maintenance, repair, restoration, strengthening or complete replacement for ensuring safe, reliable and statutory compliant operation of electrical installations.

The physical inspection covered: -HT Substation /Transformers /DG Sets /LT Panels /APFC Panels /Compact Substations /Buildings /Laboratories /Pump Houses /STPs /Street Lighting /High Mast Lighting /Water Supply Installations /Wells & Tube Wells /Track Utility Installations /Lightning Protection Earthing /Existing Earthing Pits /Earthing Conductors /Earthing Accessories etc

These parameters were verified during physical inspection: - Earthing Pit Chamber Condition /Earthing Cover /Earthing Plate / Electrode /GI Strip / Copper Strip /Earthing Connection /Corrosion Status /Accessibility /Civil Damage /Requirement of Restoration / Requirement of Additional Earthing /Future Maintainability etc.

Building-wise Inspection Status

Sl. No.	Building / Installation	Existing Earthing	Civil Condition	Electrical Condition	Recommended Action	Priority
1	CWS Building	Available	Damaged Pit Covers	Additional Earthing Required	Restoration + Chemical Earthing	High
2	Headquarters Building	Available	Minor Damage	Earthing Improvement Required	Repair & Testing	Medium
3	Canteen Building	Available	Minor Damage	Additional Earthing Required	Restoration	Medium
4	Pump House	Inadequate	New Pit Required	New Earthing Required	New Chemical Earthing	High
5	VDY Laboratory (KNC)	Inadequate	Pit Restoration Required	Additional Earthing Required	Chemical Earthing	High
6	VDY Laboratory	Inadequate	Pit	Additional	Chemical Earthing	High





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Sl. No.	Building / Installation (FAT-3)	Existing Earthing	Civil Condition Restoration Required	Electrical Condition Earthing Required	Recommended Action	Priority
7	Track Access Control	Available	Pit Damaged	Earthing Strengthening Required	Restoration	Medium
8	Main Gate Security Room	Available	Minor Repair	Earthing Improvement Required	Restoration	Medium
9	Main HT Substation	Available	Minor Repair	Periodic Testing Required	Preventive Maintenance	High
10	2500 kVA Transformer-1	Available	Minor Repair	Testing Required	Preventive Maintenance	High
11	2500 kVA Transformer-2	Available	Minor Repair	Testing Required	Preventive Maintenance	High
12	630 kVA Transformer	Available	Minor Repair	Testing Required	Preventive Maintenance	High
13	LT Panel	Available	Good	Connection Tightening	Preventive Maintenance	Medium
14	APFC Panel	Available	Good	Testing Required	Preventive Maintenance	Medium
15	DG Set Area	Available	Minor Repairs	Neutral & Body Earthing Verification	Restoration & Testing	High
16	DG Synchronizing Panel	Available	Good	Testing Required	Preventive Maintenance	Medium
17	Auditorium	Available	Pit Cover Damaged	Additional Earthing Required	Restoration	Medium
18	Guest House	Available	Minor Repairs	Satisfactory	Routine Maintenance	Low
19	Reception Gate Office Building	Available	Chamber Damaged	Routine Testing Required	Preventive Maintenance	Low
20	General Storage Building	Available	Chamber Damaged	Testing Required	Preventive Maintenance	Medium
21	PWT Laboratory	Available	Good	Testing Required	Preventive Maintenance	Medium
22	CWS STP	Available	Chamber Damaged	Testing Required	Restoration	Medium
23	HQ STP	Available	Chamber Damaged	Testing Required	Restoration	Medium
24	Main Water	Available	Minor	Testing Required	Preventive	Medium



Sl. No.	Building / Installation	Existing Earthing	Civil Condition	Electrical Condition	Recommended Action	Priority
	Pump House		Repairs		Maintenance	
25	T-5 CSS	Available	Good	Testing Required	Preventive Maintenance	Low
26	T-5 Pump House	Available	Good	Routine Testing	Routine Maintenance	Low
27	T-3 Pump House	Available	Good	Routine Testing	Routine Maintenance	Low
28	T-4 Pump House	Available	Pit Cover Damaged	Testing Required	Restoration	Medium
29	T-11 Pump House	Available	Chamber Damaged	Testing Required	Restoration	Medium
30	Street Light Network	Available	Random Pit Damage	Earthing Verification Required	Comprehensive Maintenance	Medium
31	High Mast Lighting	Available	Minor Damage	Earth Resistance Test Required	Preventive Maintenance	Medium
32	Track Area Utilities	Available	Various Locations	Earthing Verification Required	Restoration	Medium
33	Wells & Tube Wells	Available	Minor Damage	Testing Required	Preventive Maintenance	Medium

Summary of Inspection

Description	Approximate Quantity
Total Earthing Pits Inspected	85 Nos.
Earthing Pits Requiring Restoration	50 Nos.
Proposed New Chemical Earthing	30 Nos.
Existing Earthing Pits in Serviceable Condition	35 Nos.
Earthing Strip Replacement	Approx. 30 Metres
Earthing Resistance Testing	All Earthing Pits

(The above quantities are indicative and subject to verification during execution.)

General Observations

During the physical inspection, the following observations were recorded:

Several earthing pits are affected by corrosion, ageing and deterioration.





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- RCC/PCC developments, parking areas and ramps have reduced accessibility to several earthing pits.
- Damaged pit covers and inspection chambers require immediate restoration.
- Earthing strips, clamps and joints at several locations require replacement.
- Earth resistance testing is required after restoration.
- Earthing identification and numbering require standardisation across the campus.

Technical Recommendation

Considering the **black cotton soil** prevailing across the NATRAX campus, together with ageing conventional GI plate earthing systems and restricted accessibility due to infrastructure development, the following is recommended:

- Restoration of all damaged earthing pits on an **"As & Where Required Basis."**
- Replacement of corroded GI strips, clamps, lugs and accessories.
- Reconstruction of damaged inspection chambers.
- Adoption of **Chemical Earthing** wherever complete replacement is technically and economically justified.
- Earth resistance testing after restoration.
- Preparation of a Earthing Asset Register with unique identification for each earthing pit.

Applicable Standards

The proposed work shall comply with:

- **IS 3043:2018** – Code of Practice for Earthing
- **IS 2309** – Protection Against Lightning
- **CEA (Measures Relating to Safety and Electric Supply) Regulations**
- **National Electrical Code (India)**
- **CPWD General Specifications for Electrical Works**
- **General Financial Rules (GFR), 2017**

Based on the physical inspection conducted by the Utility Team, it is concluded that **comprehensive restoration, testing and preventive maintenance of the earthing system is required at various locations throughout the NATRAX campus.** The proposed work is essential to maintain personnel safety, equipment protection, statutory compliance and the long-term reliability of the electrical infrastructure.

Accordingly, the attached **BOQ** has been kept to facilitate procurement and execution of the work on an **"As & Where Required Basis."**





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ANNEXURE – II

(SCOPE OF WORK)

Comprehensive Restoration, Repair, Testing, Renovation and Preventive Maintenance of Earthing System including Chemical Earthing, Lightning Protection Earthing and Associated Earthing Accessories at NATRAX Campus on "As & Where Required Basis".

The work shall include earthing systems installed at, but not limited to, the following locations:

- Headquarters Building
- Reception Building
- Canteen
- Auditorium
- Track Access Building
- Main 33 kV HT Substation
- 2500 kVA Transformers
- 630 kVA Transformer
- LT Panels
- APFC Panels
- DG Sets (1250 kVA, 625 kVA & 125 kVA)
- DG Synchronizing Panel
- DG Neutral Earthing
- DG Body Earthing
- VDY Laboratory
- PWT Laboratory
- General Storage Building
- CWS Building
- STP (40 KLD & 15 KLD)
- Main Water Pump House
- T-3, T-4, T-5 & T-11 Pump Houses
- Compact Substations (CSS)
- Street Lighting Network
- High Mast Lighting
- Water Wells & Tube Wells
- Track Area Utilities
- Lightning Protection System
- Any other existing or future utility installation within the NATRAX campus.





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Detailed Scope of Work

The contractor shall carry out the following works :-

A. Inspection & Assessment

- Verification of earthing continuity.
- Inspection of earthing strips, earth wires, clamps, lugs and joints.
- Inspection of inspection chambers and pit covers.
- Identification of damaged, corroded and inaccessible earthing pits.
- Preparation of inspection reports.

B. Civil Works

The scope shall include:

- Excavation of existing earthing pits.
- Removal of damaged earth electrodes.
- Backfilling with approved soil.
- PCC works /RCC works.
- Brick masonry /Plastering.
- Construction/repair of earthing chambers.
- Replacement of CI/FRP covers.

Earthing System Restoration

The contractor shall carry out:

- Repair of existing earthing pits.
- Reconstruction of damaged earthing pits.
- Replacement of GI earth plates.
- Replacement of copper earth plates.
- Installation of GI pipe earthing.
- Installation of chemical earthing electrodes.
- Earthing enhancement compound filling.
- Charcoal and salt filling wherever applicable.
- Watering arrangement.
- Earthing chamber construction.

including cutting, bending, welding, brazing, drilling, fixing and commissioning.

Earthing Accessories

Replacement/installation of:

- Nut Bolts /Spring Washers /Flat Washers /Earth Clamps /Pipe Clamps



- Bimetallic Connectors
- Earthing Identification & Pit Number Plates

Chemical Earthing

Wherever instructed by the Engineer-in-Charge:

- Installation of maintenance-free chemical earthing.
- Copper bonded/GI electrodes.
- Earth enhancement compound.
- Inspection chambers.
- Earthing pit numbering.
- Testing and commissioning.

Testing shall include:

- Earth Resistance Test
- Earth Continuity Test
- Clamp Meter Test
- Megger Test
- Lightning Protection Earthing Test
- Neutral Earthing Test
- Body Earthing Test

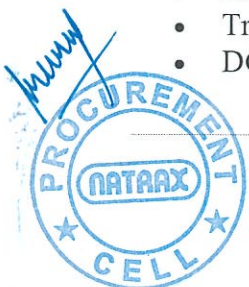
The contractor shall submit certified test reports.

The contractor shall carry out:

- Cleaning of earthing pits.
- Civil repairing of earthing pits.
- Tightening of connections.
- Removal of corrosion.
- Painting of exposed GI strips.
- Replacement of damaged accessories.
- Identification and numbering.
- Preventive inspection.
- Earth resistance measurement.

The contractor shall attend:

- Open/Disconnected Earth Strip
- Damaged Earthing Pit
- High Earth Resistance
- Broken Earthing Connection
- Lightning Earthing Failure
- Transformer Earthing Failure
- DG Earthing Failure





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- Panel Earthing Failure
- Civil Work for 'Earthing Restoration' purpose.

The contractor shall maintain:

- Earthing Register
- Test Reports
- Joint Measurement Records
- Photographic Records
- Completion Reports

The contractor shall comply with:

- CEA Safety Regulations
- PPE Requirements
- Safety during excavation

The contractor shall submit:

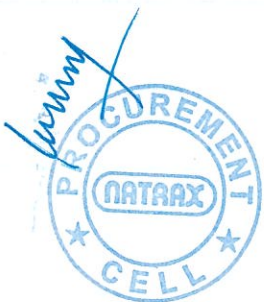
- Building-wise Earthing Inspection Report.
- Earth Resistance Test Reports.
- Earthing Layout Marking.
- Completion Report.

Personnel capabilities:

Deployed Electrical Engineer Experience: Minimum 03 years in similar type of Electrical work.

Skilled Electrician: Minimum 03 years in similar type of Electrical work.

DRAWINGS: NIL





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The bidder should give the following, duly signed and sealed, failing to which the bids will be summarily rejected:

DECLARATION

ANNEXURE-II

(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

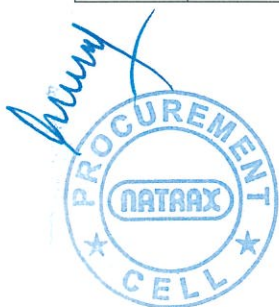




Tender No: NATRAX/PROC/C&U/26/147

Checklist to be filed by all the bidders:

Sl. No.	Documents to be submitted along with Technical Bid.	Status of Submission (Indicated Yes/No)	Ref. Page No. of Bid
1	Has the Bid Document been issued to you?		
2	Have you downloaded this tender document from the NATRAX Website?		
3	Bidder Profile		
3.1	The legally valid entity, documents as per Tender been submitted?		
3.2	Copy of GST Registration		
3.3	Copy of MSME Registration		
3.4	Copy of bank account details		
3.5	Copy of Turnover certified by Charter Accountant with UDIN		
3.5	List of work orders/completion related execution of work		
3.6	List of available machines with copy of RCs of respective machine.		
4	Have you read and understood the complete tender documents including attachments?		
5	Have you understood the scope of work, technical specifications, and requirements of this tender?		
6	The financial bid/quotation is submitted in a separate sealed envelope/password-protected PDF file.		
7	Whether all the documents submitted for this tender are seal & signed by an authorized signatory.		
8	Whether the contact details of the authorized person is submitted.		





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Annexure- III, Financial Bid format

Financial Proposal Submission Form
(To be Executed on Letterhead of the Bidder)
FINANCIAL PROPOSAL SUBMISSION FORM

To:

The Head Procurement

National Automotive Test Tracks(NATRAX)

Agra- Mumbai Highway (NH-52),

Adjacent to Smart Industrial Park of MPIDC,

Post- Khandwa (Near Pithampur)

Dhar District, Madhya Pradesh-454774

Dear Sir,

We, the undersigned, offer to provide the equipment & services in accordance with your Tender No. _____, dated _____ and our Technical Bid. Our attached Financial Bid includes the price in the format for financial bid provide as part of tender documents. The total price of our offer is _____ (in figures and words) and includes all the deliverables under this tender as per our Technical Bid.

We hereby declare that all the information and statements made in this Bid is true and complete in all respects and is as per the guidelines and terms & conditions laid down in the tender document. We further understand that any information which is found false or is not as per the guidelines and terms & conditions of the tender document may lead to our disqualification.

Our Financial Bid shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Bid.

We understand NATRAX has right to accept or reject our Bid as per its discretion.

Yours sincerely,

Authorized Signature [In full]: _____

Authorized Signature [In initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

[Note : To be signed in blue ink]





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ANNEXURE-IV

Bill of Quantities (BOQ)/Financial Bid(Item Rate to be Quoted) Note: Amount in Rupees (INR)

Name of the work: Comprehensive Earthing Restoration, Repair, Testing & Preventive Earthing Pit maintenance of Earthing system (As and where required basis) at NATRAX, Pithampur-Dhar-Madhya Pradesh.

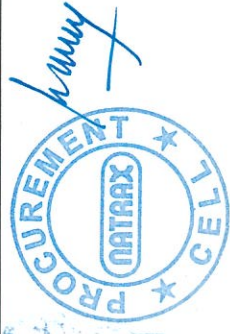
Item No.	Description of Item	Unit	Quantity	Rate in Fig. inclusive GST	Rate in words inclusive GST	Amount inclusive GST
1	Cleaning of earth pit	Each	50			
2	Repair to earth pit Inspection chamber (i.e. Brick masonry chamber)	Each	50			
3	Rust Cleaning & Re-Tightening of connections	Each	50			
4	Replacement of Nut, Bolt, Washer & Clamp Set etc by same new one for Each existing Earthing	Set	50			
5	Supply and properly installation of polycarbonate heavy duty pit cover tested for 5000Kg SWL for earth electrode at ground level size 300x300x155 mm with lockable lid.-As & where basis requirements (Including numbering of earth pits alongwith test report(Lumsum Job @ 100 Earthing)	Each	50			
6	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut	Mtr	100			





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Item No.	Description of Item	Unit	Quantity	Rate in Fig. inclusive GST	Rate in words inclusive GST	Amount inclusive GST
	bolt & spring washer spaced at 50mm)					
7	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Joining shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	Mtr	30			
8	Supplying and laying 6 SWG G.I. wire at 0.50 Meter below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required	Mtr	500			
9	SITC work :- Chemical Earthing Electrode Complete :-With 3 metre G.I. pipes having outer pipe dia of 50mm having 80-200 micron galvanizing, Inner pipe dia. of 25mm having 200-250 Micron galvanizing, connection terminal dia. of 12mm in nominal soil with 50 kg (two bag) back filling bentonite compound UL listed and confirm to relevant. "(Safe earthing electrode consisting pipe-in-pipe technology)"	Each	30			
10	Providing and fixing earthing arrangement with 38.1mm dia 2.5 metre long galvanized iron pipe	Each	20			





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Item No.	Description of Item	Unit	Quantity	Rate in Fig. inclusive GST	Rate in words inclusive GST	Amount inclusive GST
	electrode including packing of charcoal powder and salt as per specification watering pipe 19mm dia G.I. connection, cover plate having locking arrangement on the top etc. complete with refilling the pit as required, including excavation of earth pit in soil / soft rock					
11	Add extra for using salt and charcoal/coke for pipe earth electrode as required including excavation & refilling (Excavation by making hole with auger_Excavation for earthing pit)	Each	20			
12	Earthing Enhancement Compound :-Providing back filling bentonite compound suitable for safe LA earthing device. The product should be UL listed and confirm to relevant International/Indian standards.(also including Backfilling with selected soil)	Kg	500			

NOTE: Materials shall confirm to IS 3043,IS 2309,CEA Regulations and CPWD Specifications



SEAL & SIGNATURE OF BIDDER



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ANNEXURE -V

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

Bank of Baroda
प्रीतपुर धार - 454775
PITHAMPUR, DHAR - 454775
RTGS / NEFT IFSC CODE : BARB0PITHAM

वारी को गई तारीख से तीन माह के लिए वैध / VALID FOR THREE MONTHS FROM THE DATE OF ISSUE

CBS D D M M Y Y Y Y

सेविंग्स खाता SAVINGS ACCOUNT

Pay _____ or Bearer

Rupees रुपये _____ या धारक को

अदा करें ₹ _____

FOR NATIONAL AUTOMOTIVE TEST TRACKS, NATRAX, DIVISION

89/2012/UF

भारत की सभी शाखाओं पर समानुक्त पर वैध / PAY

Payable at par at all branches in India

AUTHORISED SIGNATORY

Please sign twice

1*000001* 4520120261 0117581* 31

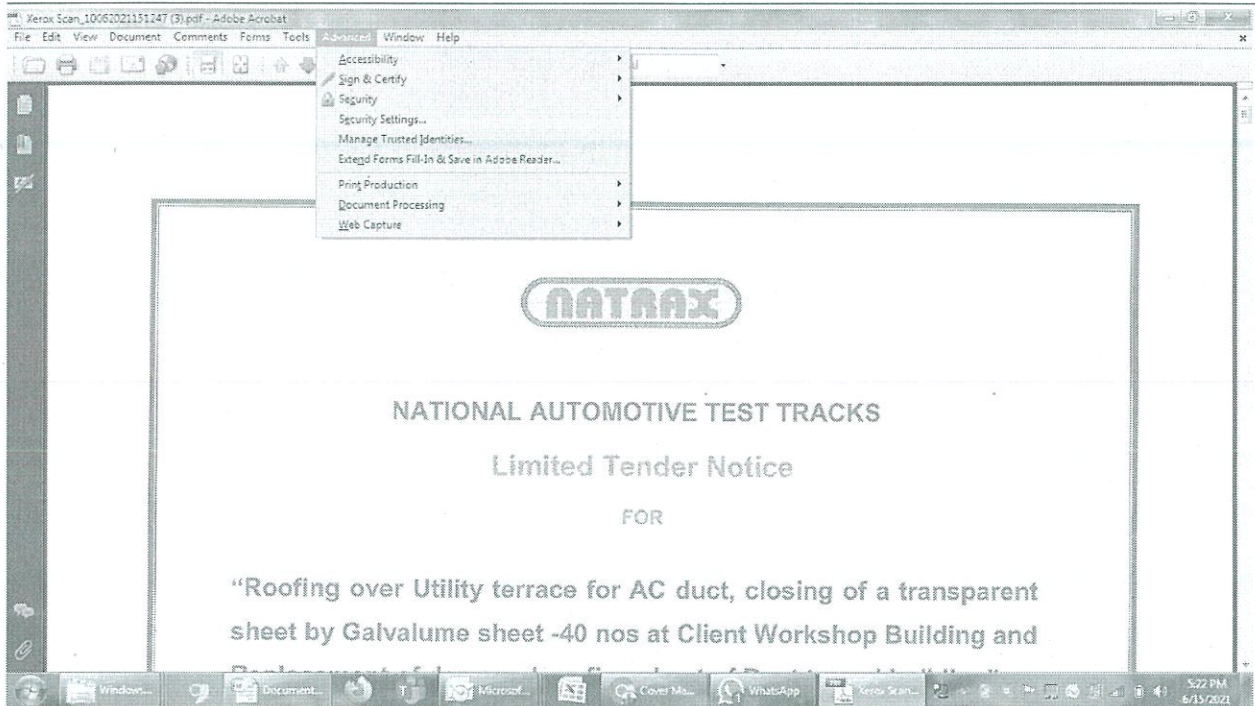
Steps for loading passwords in PDF Files-Method I

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

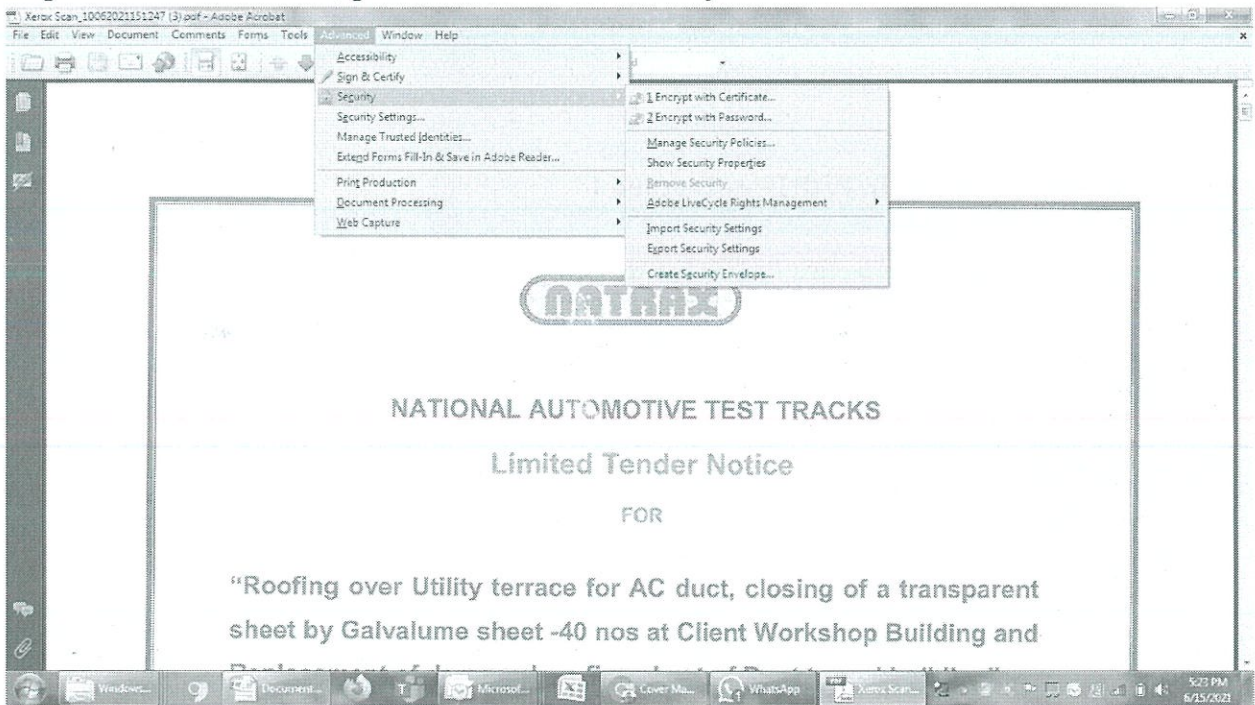




Tender No: NATRAX/PROC/C&U/26/147



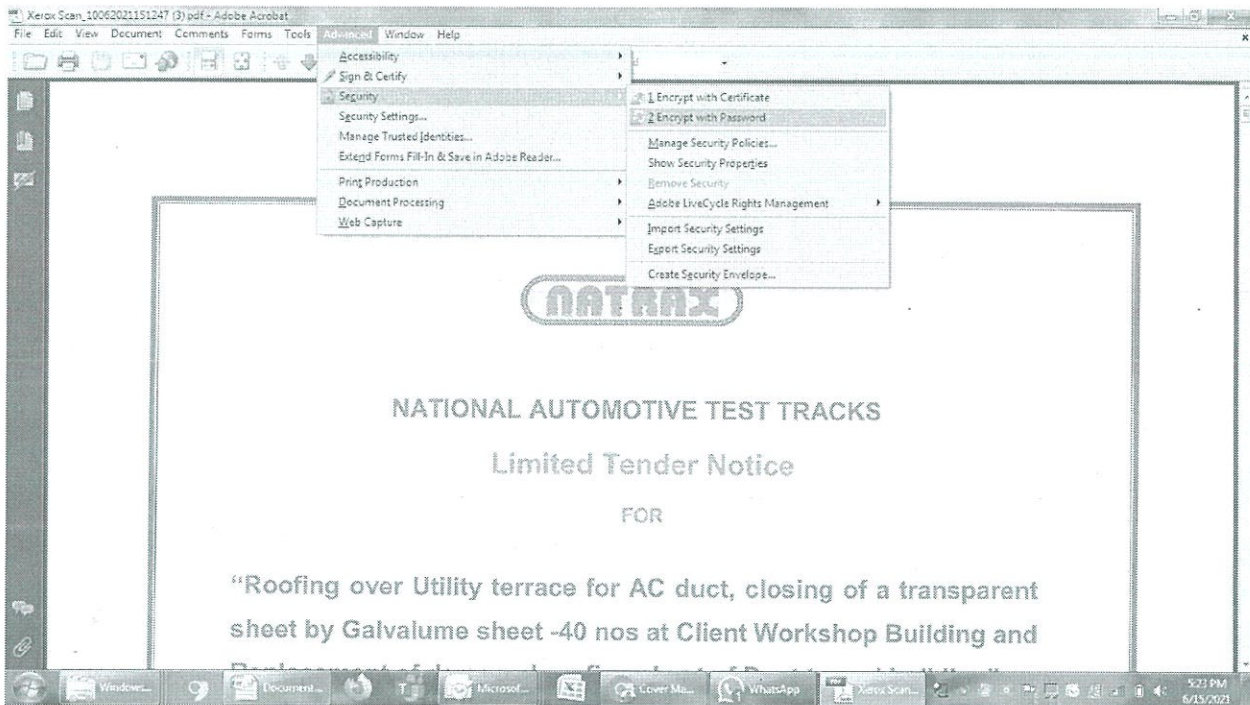
Step 2- in the advance tab, please click on the "Security" tab.



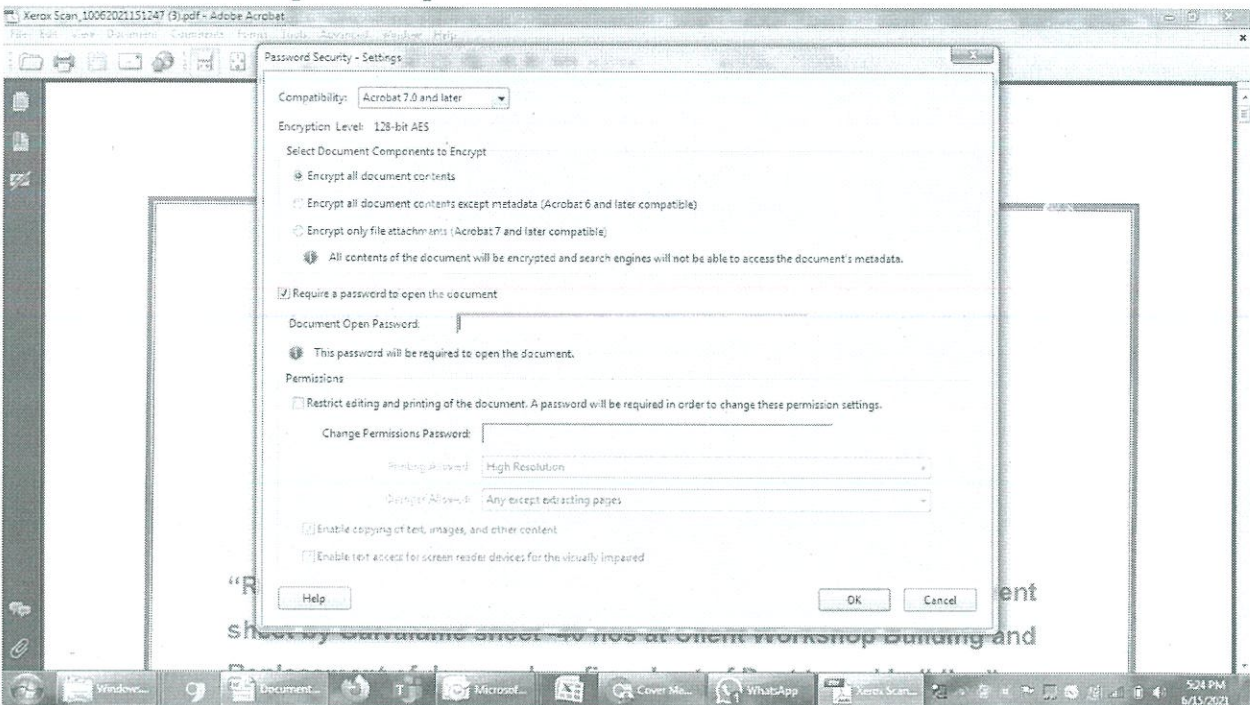


Tender No: NATRAX/PROC/C&U/26/147

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".





Tender No: NATRAX/PROC/C&U/26/147

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

