



नेशनल ऑटोमोटिव टेस्ट ट्रैक्स

NATIONAL AUTOMOTIVE TEST TRACKS

Tender Document

For

Supply, Installation, Testing & Commissioning of walkie-talkie (Handheld Portable Radio) system with range extender/antenna and other accessories

At

NATRAX

PITHAMPUR, DIST. DHAR (Madhya Pradesh)

Tender No. - NATRAX/PROC/T&D/25/81R1

National Automotive Test Tracks (NATRAX)/ नेशनल ऑटोमोटिव टेस्ट ट्रैक्स (NATRAX)

A unit of National Automotive Board (NAB)/ राष्ट्रीय मोटर वाहन बोर्ड (एनएबी) की एक इकाई

NH-52, Old Agra- Mumbai Highway/ NH-52, पुराना आगरा-मुंबई राजमार्ग,

Next to Pithampur Flyover/ पीथमपुर फ्लाईओवर के बगल में,

Post Khandwa (Near Pithampur)/ पोस्ट खंडवा (पीथमपुर के पास)

Dhar District, Madhya Pradesh-454774/ धार जिला, मध्य प्रदेश -454774

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Email: a.prabhakar@natrip.in, anuj.kumar@natrip.in

1. General Instructions:

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).

The National Automotive Test Tracks (NATRAX), invites **Password Protected OR Sealed Quotations/Bids** from the experienced bidder(s) in the prescribed Proforma for performing, executing and implementing the works on the terms and conditions contained in this Bid document, under **Limited Tender Enquiry (LTE) Under two packet System (Technical & Financial Bids in separate envelopes)**. Brief description of works and the timelines for NIQ/tender are summarised in the table below:

Description of Work	Period of Contract	Date of start of floating of tender	Last date for submission of Bid	/ Date & Time of Bid opening	Estimated Cost
Supply, Installation, Testing & Commissioning of walkie-talkie (Handheld Portable Radio) system with range extender/antenna and other accessories at NATRAX	60 Days from the date of Issue of Work Order.	05 th Aug 2025	13 th Aug 2025 at 1500 Hrs	13 th Aug 2025 at 1530 Hrs	Rs 22.20 Lakh

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

- a. **Password protected** Bid/Quotation is to be submitted by the Bidder at the following email ID's not later than the aforesaid time & date or as next convenient date & time on pre-intimation.

[mail to: a.prabhakar@natrip.in](mailto:a.prabhakar@natrip.in), anuj.kumar@natrip.in, je.procurement@natrax.in;

OR

Sealed Bids/quotations may also be submitted in the hard copy in **sealed envelope at NATRAX Hub office** in the aforesaid date and time. However, Bidders are encouraged to Bid/quote through electronic mode considering the ongoing Covid pandemic.

- b. 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.

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.



c. 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

d. **Disclaimer:**

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.

For NATRAX

Head Procurement & Stores

This tender further contain four Annexures

- A. अनुबंध-I (ए)-बोलीदाताओं के लिए निर्देश (आईटीबी)/
Annexure-I (A)-Instructions to Bidders (ITB)
- B. अनुबंध- I (बी) - अनुबंध की विशेष शर्तें/
Annexure-I (B)- Special conditions of contract.
- C. अनुबंध-II- अनुबंध/विनिर्देश/ड्राइंग और डिजाइन की तकनीकी शर्तें/
Annexure-II- Technical Conditions of contract/Specification/Drawings & Design.
- D. अनुबंध-III- वित्तीय प्रस्ताव/ Annexure-III- Financial Proposal
- E. अनुबंध - IV- प्रस्तुत करने की विधि (ऑनलाइन माध्यम से)/ Annexure-IV- Method of submission (in case of Bid submission through online mode).



A. ANNEXURE I (A)- INSTRUCTION TO BIDDERS (ITB)

1. **Submission of Bids:** Bidders are required to submit their Bids in TWO DIFFERENT FILES (TECHNCIAL BID & FINANCIAL BID) in **Password Protected PDF format**, named as **"Bid for Tender No. NATRAX/PROC/PG-C&M/24/-----"** on the subject of the email, containing, as given below. Both the files should protected with different passwords. The Password Protected Quotations/Bids shall be submitted at the mentioned email ID(s) before the closure of Bid submission date/time.

OR

Sealed Bids/quotations may also be submitted in the hard copy in a sealed main envelope containing two different envelopes "Technical Bid & Financial Bid". Both the envelopes should be properly sealed and labeled as Technical Bid" & Financial Bid" with TENDER NO., The sealed envelope should submit at NATRAX office within the aforesaid last date and time for bid submission.

However, Bidders are encouraged to Bid/quote through electronic mode through email only.

Late bid in any case or due to any cause of late shall not be accepted.

2. **Preparation of bid for both manners of bid submission:**

2.1. **Techncial bid:** The Password Protected pdf file/sealed envelope should marked as **"Technical Bid for Tender No. NATRAX/PROC/PG-C&M/24/-----"** and should consist of all the documents like "EMD/Letter for bid submission/Registration of Firm/GST/PAN etc/experince certificates/turnover documents/complete seal & sign copy of this tender document.

2.2. **Financial bid:** The Password Protected pdf file/sealed envelope should marked as **"Financial Bid for Tender No. NATRAX/PROC/PG-C&M/24/-----"** and should consist only rates in the prescribed format/BOQ & Letter for Financial Bid submission given in this tender document.

Incase of online Bid submission, the passwords of the documents (technical bid & financial bid) shall be submitted by the Bidders at the time of the respective Bid opening.

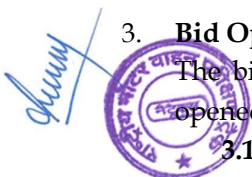
The bidders are advised to submit the bid after duly signed submitted on each page, the bids received without sign and numbered may be rejected by NATRAX.

All bidders may visit NATRAX office based on the given date and time for Bid opening.

3. **Bid Opening:**

The bids shall be opened in two phases, in first phase only technical bids shall be opened and evaluated as per the MECs given in this tender.

3.1. **Techncial Bid Opening:** The Technical Bids shall be opened by



Committee of NATRAX after due verification of EMD and other documents bids shall be accepted/rejected for technical evaluation purpose.

The technical bids shall be evaluated by NATRAX as per the prescribed evaluation parameters of this tender documents and the specifications of the proposed system.

During evaluation NATRAX may on its own discretion seek clarifications from bidders, bidders are expected to provide the required details/clarifications within the given time.

After due evaluation bidders who meet the eligibility criteria and matching the required specifications shall be marked as "Qualified" and who do not meet the eligibility criteria marked as "Disqualified".

3.2. Opening of financial Bid: The Financial Bids of only Qualified bidders shall be opened by committee of NATRAX in presence of the available bidder's representatives.

The total quoted amount shall be recorded by the committee on the record sheet and provisionally L-1 bidder shall be announced.

The total quoted amount of all the qualified bidders shall be announced during the financial bid opening meeting.

For the evaluation of rates the eventual Bid prices shall be ascertained after considering all the terms and conditions associated with the Bid price specified in the Financial Bid document and after detailed scrutiny of the financial bid.

No Bidder shall be allowed to propose/carry out any revision / correction / modification in his Price Bid offer.

If there is a discrepancy between the sub total/s and the total price that is obtained by multiplying the unit price and quantity/adding the sub total/s, the sub total/s shall prevail and the total price shall be corrected, unless in the opinion of the Employer that there is an obvious misplacement of the decimal point in the sub total price, in which case the total price as quoted shall govern and the sub total/s shall be corrected;

If there is an error in a total, corresponding to the addition or subtraction of sub totals, the subtotal/s shall prevail and the total shall be corrected; and The Bidder needs to fill the rates against each item in word 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.**

The total 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.

4. Contract Negotiations: Contract negotiations, if any, will be held before the issuance of 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.

5. **Award of Work:**

- a) 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.
- b) NATRAX shall notify all the unsuccessful Bidders and discharge/ return their Earnest Money Deposit. No correspondence will be entertained by NATRAX from the unsuccessful Bidders.

6. **Validity of bids:**

The rate quoted should be valid for **a minimum period of 90 days** from the last date of Submission of Quotation. No claim for escalation of rate will be considered at any point of time.

- 7. Prospective bidders requiring any clarification of the Tender may write to a.prabhakar@natrax.in; anuj.kumar@natrax.in,
- 8. The Bids / related correspondences shall be made in English language.
- 9. The Contract shall be governed by the terms and conditions specified in this tender document including amendments, work order etc.,
- 10. 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”.

11. **Minimum Eligibility/Pre-Qualification Criteria:**

- i. **MEC-1:** The bidder should be a legal valid entity and bidder should have valid license to operate such devices in India.
- ii. **MEC-2:** The Minimum Average Annual Turnover of bidder shall be 30 Lakhs in last 3 financial years (2021-22, 2022-23 & 2023-24) COPY OF CA CERTIFICATE OR AUDITED BALANCE SHEET WITH UDIN NUMBER SHOULD BE SUBMITTED IN TECHNICAL BID.
- iii. **MEC-3:** The Bidder should have their repair center & offices within Madhya Pradesh (MP) for instant repairing & service/software/configuration support, copy of documentary evidence should be submitted in technical bid.
- iv. **MEC-4:** Bidder should have successfully completed either of similar works* component during last 7 years ending last day of May 2025: -
Three similar completed works costing not less than the amount equal to 40% of the estimated cost.



Or

Two similar completed works costing not less than the amount equal to 50% of the estimated cost.

Or

One similar completed work costing not less than the amount equal to 80% of the estimated cost.

Similar work* Supply Installation testing and commissioning of Wireless radio system/ wakki – takki system for any reputed Pvt. Firm/ Govt. entity.

In support copy of completion certificate with PO/Work order should be submitted in technical bid. If certificate issued by Pvt firm than 26AS /TDS certificate of relevant period/ work to be submitted with the same.

- v. **MEC-5:** The bidder should have valid Manufacturer Authorization Form (MAF) from any OEM, stated at-least 5 year's service-support in future is present & undertaking by OEM to not discontinue this model presence in India for next 7 years., undertaking should be submitted on the letterhead of OEM and duly signed by authorized person of OEM, in technical bid.

12. **Tender Fee & Exemptions: -**

- a) This tender is free of cost.
- b) If registered under Startups and "Micro & Medium Small Enterprises" (MSME's), supporting documents need to be submitted to avail exemption from Earnest Money, subject to verification of certificate.
- c) *The Benefits & Exemptions for Startups and MSME Bidders (Udhyam Registration Certificate) - the benefit may be given as per the guideline.*

13. The Bidders are expected to carefully examine all the contents of the Tender documents/NIQ including instructions, conditions, terms, specifications, drawings (if any), shall inspect the Site with prior notice to NATRAX and at Bidders own cost, 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.

14. 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.

15. 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 and it desires the Bidder to carry out the same. The decision of NATRAX in such cases shall be final and shall not be open to arbitration.



16. 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 to achieve end results and deemed to be priced in the other items. No claim on this account shall be entertained.
17. 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.
18. 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.
19. 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.
20. 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.
21. NATRAX reserves the right to accept / reject or modify any Bids, and to annul the Tender process and reject all Bid(s)/quotation(s), 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.

B. Annexure-I (B)- Special Conditions of contract

1. Special Conditions of contract:

a.	Scope of work	Supply, Installation, Testing & Commissioning of walkie-talkie (Handheld Portable Radio) system with range extender/antenna and other accessories at NATRAX.
b.	Contract Period	60 Dayss from the date of Issue of Work Order.
c.	Engineer In-charge (EIC)	Shall be notified to successful bidder.
d.	Rate Firmness	The charges/rate quoted by supplier must be firm throughout the Contract period and no escalation of any kind is permissible. The "final contract value" shall be derived on the completion of work at actual.
e.	Defect Liability	6 month from the date of completion of work, and service



	Period/warranty period	support should be for 1 year.
	Payment, Mode and Retention	i. 90% Payment shall be made on successful completion of work and submission of invoice along with supporting document and certified by EIC. ii. Balance 10% shall be hold as retention for a period of 1 yesr and shall be paid after successful completion of 1 year from the date of completion of works. iii. Payment shall be made after statutory deduction as applicable. iv. The payment shall be released within 15 working days from the date of certification by EIC. v. The GST/Taxes & duties of Govt. will be reimbursed on actual basis upon the submission of original receipt / documentary evidence. vi. Advance against material: on request of contractor NATRAX may release maximum 80% of the value of material as per actual invoice or BOQ rates whichever is lower to contractor as material advance only after receipt of the material at NATRAX premises and duly certified by NATRAX EIC. Same amount shall be adjusted from the contractors' invoice at the time of payment of 95% value. All the payments shall be made through RTGS only.
	Quantity Variations / Revision Rates	NATRAX shall, having regard to the Scope of Works and the approved Contract Price, shall have power to order variations within the Scope of the Works as considers necessary or avoidable during the progress of the Works. Such variations shall form part of the Contract and the Contractor shall carry them out and include them in updated Programmes produced by the Contractor. Oral orders for Variations, unless followed by written confirmation, shall not be taken into account. There will not be any revision in rates for all the items provided in BOQ for any extent of variations, during the entire currency of the contract. New rate or price shall be derived from any relevant rate or price in the contract BOQ. or New Rate or Price for NON BOQ items shall be finalized by the NATRAX representative based latest Applicable DSR or MPSoR.



Tender No. -NATRAX/PROC/T&D/25/81R1

h.	Liquidated Damages	0.1% of the Contract Price per day to a maximum of 10% of the Contract Price.
i.	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
j.	Performance Security	5% (Five) of the Contract value 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 or Bank Guarantee from a Scheduled Commercial Bank favoring “ 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.
k.	Returning of Performance Security (PBG)	The performance security shall be returned after 15 Days of completion of Defect Rectification/Warranty Period.
l.	Returning of Retention Money	The retention money shall be released after 15 days of completion of Defect Rectification/Warranty Period, OR may be released on submission of PBG of same value.
m.	Other Terms and conditions	i. The bidder should submit list of the equipments/machines with them. In case machines/equipments are planned to hire from others 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.
n.	Water supply & Electricity Charges	i. Electricity: the electricity shall be provided by NATRAX from the available source on chargeable basis. Theft of electricity shall be treated as breach of contract and in such case NATRAX reserve the right for penalty or termination of contract. ii. Water supply: the water for weedicide mixing purpose can be use from the available source at site (T-3, WPS & T-5), misuse/wastage apart from the above use, of water shall be treated as breach of contract and in such case NATRAX reserve the right for penalty or termination of contract.
o.	Termination of	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.



Tender No. -NATRAX/PROC/T&D/25/81R1

	Contract	In case of termination the balance work shall be completed by NATRAX through any other party on the risk & cost of contractor.
p.	Integrity pact agreement	The successful bidder needs to execute an integrity pact agreement (as per Appendix-A) and submit the same with the technical bid.

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

3. DECLARATION:

(To be executed on Bidder's letter head)

I/We having acquainted with the content & requirement 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/modified the tender in any manner and breach of any such, will result in rejection of Tender and / or prosecuted.

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 found false or in case of breach of any of terms and conditions at any stage of 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



C. ANNEXURE - II- TECHNICAL CONDITIONS OF CONTRACT-

1. Technial Checklist (to be fill by bidder for each parameter)

Technical Specification of Handset			
Sr. No.	Description	Minimum Specification	Comply/not-comply
1	Network Support	4G LTE / 3G	
2	Wi-Fi Connectivity	Device shall operate on 802.11, a, b, g, n,a (2.4 & 5.0 GHz) band	
3	Channel Capacity	96 Channels or Above	
4	Contact List	300 Contacts or Above	
5	Weight	Less than 190 grams	
6	Battery Capacity	2300 MAh or above and it shall be BIS Certified.	
7	Voice Codec	Opus	
8	Bluetooth	Device shall be Bluetooth Capable, V 4.2 EDR + BLE	
9	GPS	GNSS / A-GNSS and Location can be transmitted with Dispatcher to Supervisor	
10	Encryption (Hardware & Software both)	AES - 256 Bit or above	
11	Operating Temperature	-10° To 60°C	
12	Compatible with other Network	Yes, with other networks	
13	IP Rating	IP54 and above	
14	Device Management	Yes, Over the Air	
15	Display	Immersive Display / Discrete LED Display (No Keypad & Touch Display to avoid any kind of breakage during accidental drop)	
16	Display Features	Sun Light readable and can be used with Wet Hands or with gloves. It shall be visible in daylight.	
17	Extenral Antenna	Yes, Stubby Antenna for better reception of Signal and sensitivity of the radio.	
18	Noise Cancellation	Must have	
19	Multiserver	Yes, for Redundancy Planning	
20	Notifications	Device must send notification for GSM/LTE: Presence & Signal level, Wi-Fi: Presence & Signal level, Bluetooth On/Off, Volume level, Contacts list, battery level etc.	
21	ETA Clarification	Yes, Approved.	
22	ISO Certificate	Company must have ISO 9001 Certificate	
23	TAC Certificate	Must have	

24	Camera	Wireless Communication Device must not have any kind of Camera in it. (apply to TLK 100 only not for BYOD)	
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Please fill comply /not comply or offer better parameter for each item in above table.

2. TECHNICAL SPECIFICATIONS:

Sr. No.	Description	Minimum Specification
1	Network Support	4G LTE / 3G
2	Wi-Fi Connectivity	Device shall operate on 802.11, a, b, g, n,a (2.4 & 5.0 GHz) band
3	Channel Capacity	96 Channels or Above
4	Contact List	300 Contacts or Above
5	Weight	Less than 190 grams
6	Battery Capacity	2300 MAh or above and it shall be BIS Certified.
7	Voice Codec	Opus
8	Bluetooth	Device shall be Bluetooth Capable, V 4.2 EDR + BLE
9	GPS	GNSS / A-GNSS and Location can be transmitted with Dispatcher to Supervisor
10	Encryption (Hardware & Software both)	AES - 256 Bit or above
11	Operating Temperature	-10° To 60°C
12	Compatible with other Network	Yes, with other networks
13	IP Rating	IP54 and above
14	Device Management	Yes, Over the Air
15	Display	Immersive Display / Discrete LED Display (No Keypad & Touch Display to avoid any kind of breakage during accidental drop)
16	Display Features	Sun Light readable and can be used with Wet Hands or with gloves. It shall be visible in daylight.
17	Extrenal Antenna	Yes, Stubby Antenna for better reception of Signal and sensitivity of the radio.
18	Noise Cancellation	Must have
19	Multiserver	Yes, for Redundancy Planning
20	Notifications	Device must send notification for GSM/LTE: Presence & Signal level, Wi-Fi: Presence & Signal level, Bluetooth On/Off, Volume level, Contacts list, battery level etc.
21	ETA Clarification	Yes, Approved.
22	ISO Certificate	Company must have ISO 9001 Certificate
23	TAC Certificate	Must have
24	Camera	Wireless Communication Device must not have any kind of Camera in it. (apply to TLK 100 only not for BYOD)

3. Software features required:

- Monitor multiple talk-groups
- Group & individual calls
- Broadcast call
- Supervisory override
- Logging and recording
- Support for emergency alerting
- Message threads
- Text, video, photo, and file sharing (only with BYOD app.)
- Location & mapping
- Geofencing
- In-map communication

4. The following are brief descriptions of the key features of Dispatch:**4.1. Contacts and Talkgroups**

Contacts are also referred as fleet members. The dispatcher can establish a one-to-one call or send and receive Instant Personal Alert (IPA) to or from a contact. A dispatch talkgroup allows one-to-many calls from the dispatcher to fleet members. Central Admin Tool (CAT) administrator manages the Contacts and talkgroups for a Dispatch. The dispatcher can assign most frequently used contacts and talkgroups to Favourites and can create My Talkgroup from Contacts and Talkgroups tab.

4.2. PTT Calling

Enables dispatcher to start or end a Push-to-Talk (PTT) call, record a conversation, and see the talker identity. The Dispatch shows call activities during the call. The dispatcher can export and take backup of the details of call recordings in local PC. Dispatch supports two-way communication and manual commencement for the PTT call.

4.3. Instant Personal Alert

Allows dispatcher to send and receive an alert to and from a fleet member as a request to call back. Dispatcher can send and receive an IPA, when the dispatcher is in the Available state. Dispatcher can send an IPA only to a fleet member whose presence status is "Available" or "Busy (DND)". Dispatcher can send an IPA only to a single contact and does not allow sending to a group.

4.4. Locate

Allows dispatcher to locate the fleet members on the map. The dispatcher can locate multiple contacts or individual talkgroup at a time.

4.5. Integrated Secured Messaging

Allows dispatcher to text, share multimedia content (Audio, file, image, and video) of supported formats and of specified sizes, and share location as an attachment to contacts and talkgroups.

4.6. Broadcast Calling

Allows a designated broadcaster to make high-priority one-way calls typically used for making important announcements.

4.7. Monitored Talkgroups

Allows dispatcher to monitor up to 20 active talkgroups, join an existing active talkgroup call or initiate a new talkgroup call, can locate and send message to all talkgroup members and view the information of all the dispatchers in the talkgroup. If Simultaneous Session is enabled for the Dispatch, then you can listen to all the calls of the talkgroups at a same time on the Monitoring window.

4.8. Talkgroup Scanning

Allows communicating with a talkgroup that dispatcher monitors. Whenever a call is active on a talkgroup within the scan list, the dispatcher automatically joins and can take the floor, if desired. When the current call ends, the dispatcher joins the next active call in progress from the scan list. Talkgroup Scanning is available only to the Dispatch without Simultaneous Session.

4.9. Map

Provides visual location information of the fleet members in the field and provides an option to allow dispatcher to make PTT calls or send message or send alerts to those fleet members, directly from the map.

4.10. Geofence

Allows dispatcher to assign an imaginary boundary to talkgroup on the map. When a fence is set for a talkgroup, the dispatcher and fleet member receive notification, whenever that fleet member crosses the fence.

4.11. Location History

Allows dispatcher to track the path which fleet member has traversed on the map in a specified duration. The dispatcher can select the fleet member and the duration to track their path.

4.12. Presence

Availabilities for fleet members display on the Dispatch as presence. In addition, the fleet members who have the dispatcher as a contact can see the presence of the dispatcher. Presence status includes "Online", "Do Not Disturb", and "Offline".

4.13. Avatar

Allows dispatcher to change the profile picture of a contact from the list of avatars available in the Dispatch. By default, all contacts have an avatar assigned.

4.14. Voice Message Fall Back

Allows automatically record and deliver as a voice message, when the dispatcher attempts to make a PTT call and the call initiation fails because of all members in DND state or offline or busy or temporarily unreachable.

4.15. Alerts

Allows dispatcher to view and act on Instant Personal Alerts (also known as IPA or call-me alerts), Missed call alerts, status alerts, and Geofence alerts that fleet member sends.

4.16. Logs

Provides information about dispatcher recent activity on the Dispatch including alerts, PTT calls, audit logs, location reports, geofence logs, video logs, and audio recordings of recorded calls.

4.17. Map Settings

Allows dispatcher to assign colors for the Contacts, Talkgroups, and Common members between talkgroups for easy recognition of the located member on the map.

4.18. Location Settings

Allows dispatcher to select the durations of the contacts or talkgroups location, on demand, geofence, and location history. It also allows the dispatcher to set the distance of fence for tracking the member.

4.19. Location

Allows dispatcher to select the expiry period of a member on the map.

4.20. On-demand Location Update Interval Settings

Provides the location information of fleet members listed under contacts on the dispatcher demand at variable intervals. On-demand location offers the following types of location information retrieval for fleet members:

4.21. On-demand Location Period Settings

Enables dispatcher to select one or more fleet members and access their current location information.

4.22. Geofence Settings

Allows dispatcher to set the frequency at which the update notification is shown when the members are tagged with geofence. It also allows the dispatcher to set the distance and period to which fence is applicable for the members.

4.23. Area Talkgroup

Allows a dispatcher to create a talkgroup with fleet members on the map. The dispatcher can call, send message (text, image, video, document, and location) to the area talkgroups.

4.24. User Monitoring

Allows a designated dispatcher to monitor the current situation of a member who is not responding to dispatcher calls, IPAs, and messages. The dispatcher then can ambient listen and discreet listen to collect information of that member.

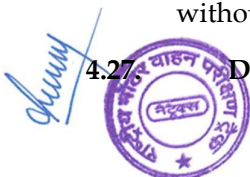
4.25. Ambient Listening

Allows dispatcher to activate the device Mic remotely and allows the dispatcher to listen to the surroundings of the member without knowing them and then take necessary actions like remote emergency and enable or disable the device.

4.26. Discreet Listening

Allows the designated dispatcher to listen to any call to and from the selected member without knowing them.

4.27. Disable or Enable User



Allows a designated dispatcher to remotely disable a specific device of a member. The disabled device of the member is no longer have access to PTT and other services until enabled.

4.28. User Check

When the dispatcher selects user check, they can view information like the location of the member, presence status, battery status, emergency state, and signal strength of Wi-Fi or LTE on their device.

4.29. Emergency Call

Allows dispatcher to initiate on behalf of the fleet member and participate in the call if there is any life-threatening situation. The emergency calls in nature are always the top priority and preempt any ongoing call except another ongoing emergency call.

4.30. Video Streaming (BYOD)

Allows dispatcher to initiate video streaming on the device of the fleet member. Dispatcher can request (confirmed pull) or demand (unconfirmed pull) fleet member for video streaming. If fleet members initiate the video stream, a dispatch shows a toast message to accept or reject the video stream.

4.31. Status Alerts (BYOD)

Allow dispatcher to receive status message from the fleet member and to know their quick status such as on-duty, on-route, busy, at-incident, off-duty.

4.32. Simultaneous Session

Allows the dispatcher to monitor up to 20 talkgroups simultaneously with a separate audio stream for each monitored talkgroup with independent transmit and receive permissions. Also, up to five more dynamic sessions are available to allow for incoming and outgoing private, broadcast, quick group, ambient listening, discreet listening, and any calls that are not part of the Monitoring window. The simultaneous session allows dispatcher to mute, un-mute, and control the volume for each monitored talkgroup independently.

4.33. Backup and Export

Allows dispatcher to take the backup of call recordings and secured messaged including the attachments along with its details.

Sr No.	Safeguard (Command) Package Features: -	Collaboration Package Features: -
1	PTT Calling :- Enables dispatcher to start or end a Push-to-Talk (PTT) call, record a conversation and see the talker identity. Dispatch shows call activities during the call. The dispatcher can export and take backup of the details of call recordings in local PC	PTT Calling , The Talk group should be administratively controlled.
2	Presence :- Availability for fleet members displays on the Dispatch as presence. Also, the presence of the dispatcher appears to fleet members who have the dispatcher as a contact. Presence status includes "Available," "Do Not Disturb," and "Offline."	Presence

3	Instant Personal Alert :- Allows dispatcher to send and receive an alert to and from a fleet member as a request to call back. If the dispatcher is in the Available state, dispatcher can send and receive an IPA. Dispatcher can send an IPA only to a fleet member whose presence status is "Available" or "Busy (DND)".	Instant Personal Alert
4	Text/Multimedia Messaging :-	Text/Multimedia Messaging
5	Voice Messaging	Voice Messaging
6	Priority Talk group scanning	Priority Talk group scanning
7	Broadcast calling	Broadcast calling
8	Location Services	Location Services
9	Geofence	Geofence
10	Quick groups from Maps	Quick groups from Maps
11	Emergency calling and alerting	
12	Ambient and discrete listening	
13	Radio Check and Monitor	
14	Large group size	
15	Location Base Temporary groups	

5. A successful field testing/Demo of proposed system (if required by NATRAX) before qualification. The decision of NATRAX in this regard shall be final.





Form for the submission of Financial Bid

Financial Proposal Submission Form

(To be Executed on Letterhead of the Bidder)

FINANCIAL PROPOSAL SUBMISSION FORM

[Location, Date]

To:

The Head Procurement
NH-52, Old Agra- Mumbai Highway,
Near to Pithampur Flyover,
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]



ANNEXURE-III



Tender No. -NATRAX/PROC/T&D/25/81R1

Bill of Quantities (BOQ)/Financial Bid
FOR

Supply, Installation, Testing & Commissioning of walkie-talkie (Handheld Portable Radio)
system with range extender/antenna and other accessories at NATRAX

S.N.	Particular	Unit	Qty	Rate	Amount
1.	Walkie-Talkie as per specification	Nos	50		
2.	ATC, SIM, Dispatcher & GPS charges (for 1 year) for 50 nos.	Per Month	12		
3.	BYOD charges (application voice support in Android/Ios based mobile phones), (for 1 year)	Per Month	12		
Sub total					
GST 18%					
Total Amount					

Note: The above quoted rates should be inclusive of GST, Transportation etc all as per complete scope of work.

Signature of the Bidder:-----

Name of bidder:-----

Contact Number: -----

Seal of bidder: -----





Tender No. -NATRAX/PROC/T&D/25/81R1

ANNEXURE -IV

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

Bank of Baroda
प्रीतपुर धार - ४५४७७५
PITHAMPUR, DHAR - 454775
RTGS / NEFT IFSC CODE : BARB0PITHAM

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

CBS
सेविंग्स खाता SAVINGS ACCOUNT

Pay _____ or Bearer
Rupees रुपये _____ या धारक को

अदा करें ₹ _____

FOR NATIONAL AUTOMOTIVE TEST TRACKS NATRAX DIVISION

आ. सं. 57730100011758
A/c No.

SB/2012/UF भारत की सभी शाखाओं पर समान रूप पर देय | PIT
Payable at par at all branches in India

AUTHORISED SIGNATORY
Please sign above

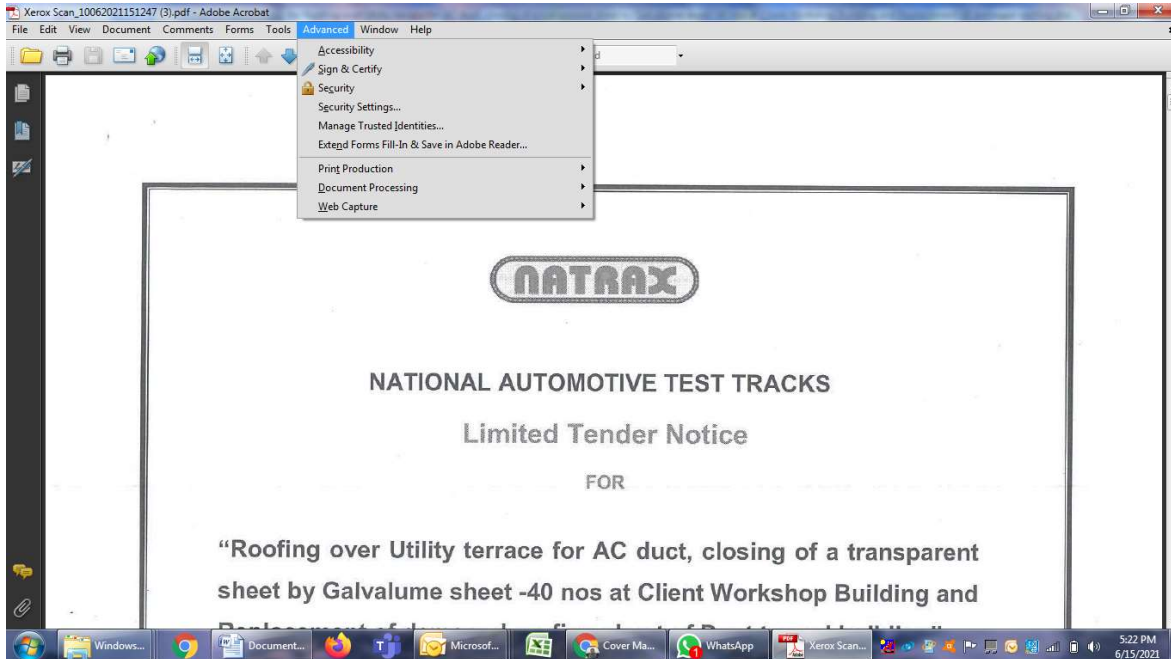
000001 4520120261 011758 31



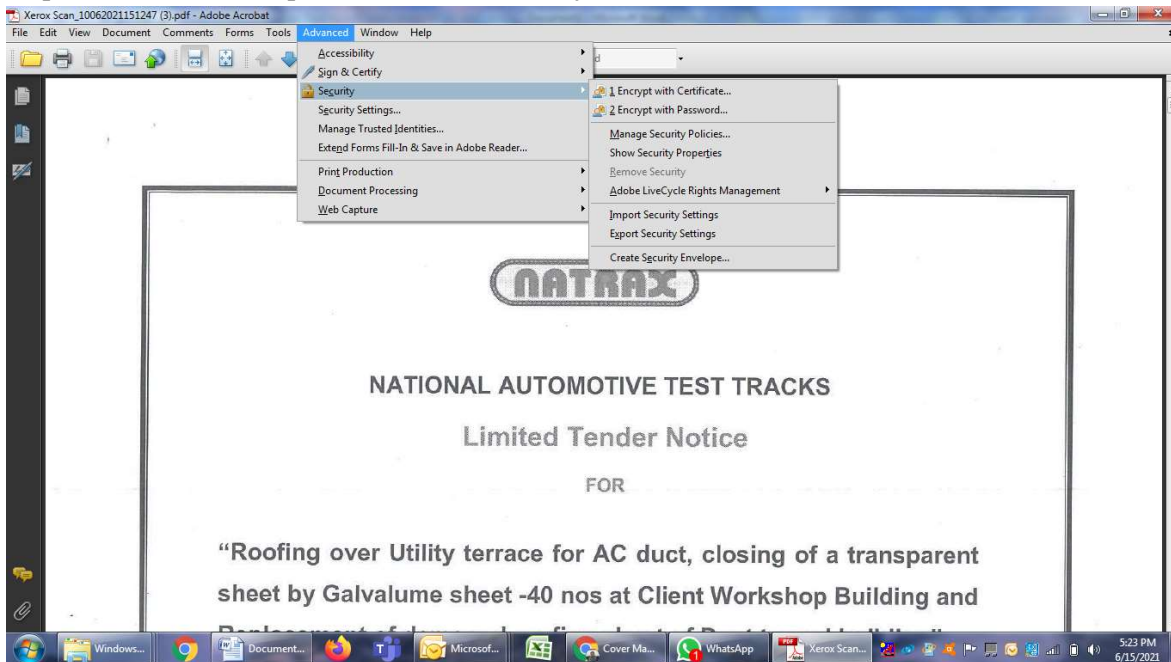


Steps for loading passwords in PDF Files-Method I

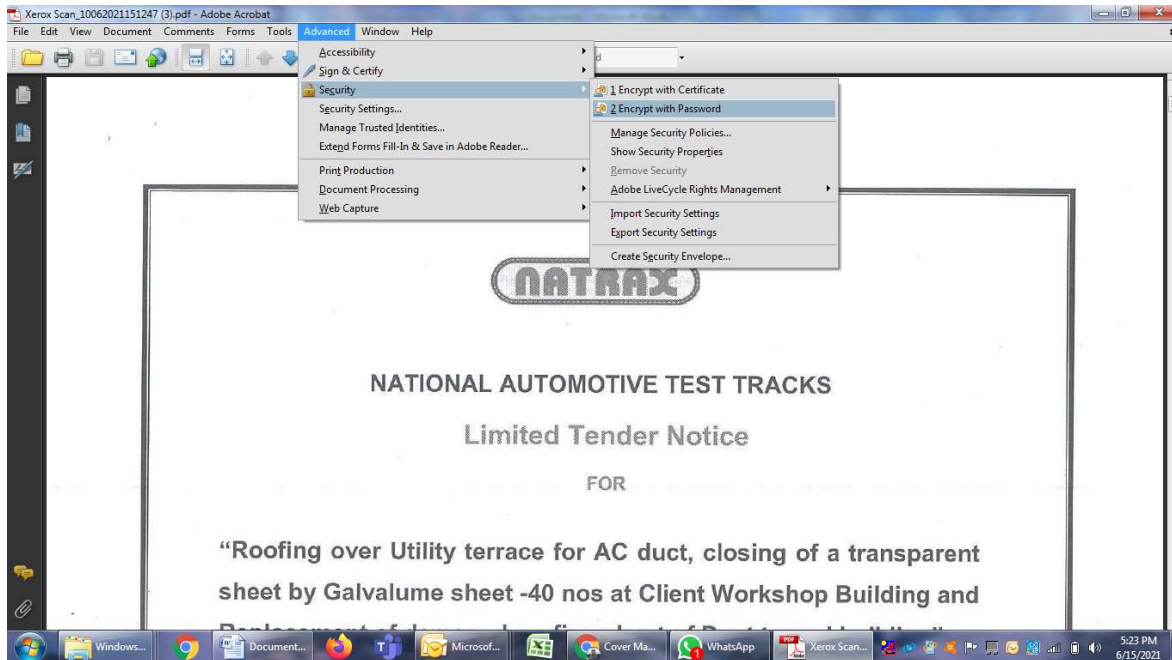
Step 1- please open PDF file and click on “Advance” tab.



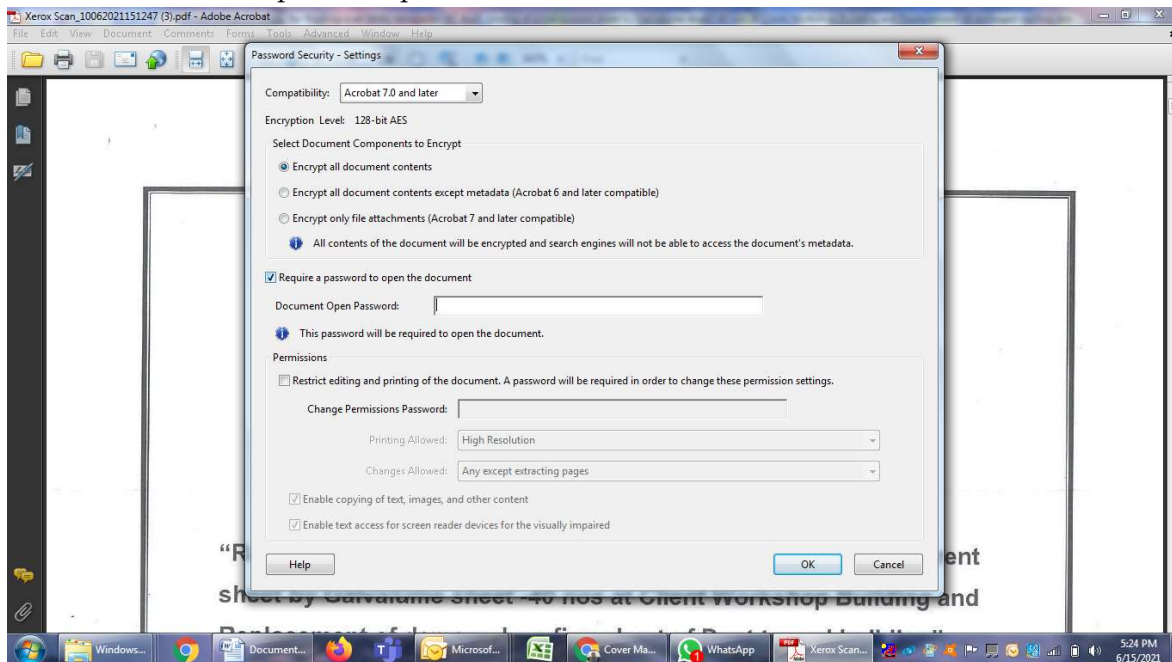
Step 2- in advance tab, please click on “Security” tab.



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”. Than please fill password and click “ok”.



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

