

NOTICE INVITING EXPRESSION OF INTEREST

BY

NATRAX- PITHAMPUR

FOR

**"SYNERGIC PARTNERSHIP IN UPGRADATION / AUGMENTATION OF FACILITIES AT
THEIR PROVING GROUND"**

UNDER

EOI No. NATRAX/EOI/TT/20/102

The National Automotive Test Tracks (NATRAX) is an Automotive Testing & Certification Centre under National Automotive Testing and R&D Infrastructure Project (NATRIP). NATRAX is being set up on approx. 3000 acres for comprehensive testing and evaluation of all types of automobiles, near Pithampur, Dist. DHAR, (Madhya Pradesh, India). NATRAX invites sealed EOI from the Bidders in the prescribed proforma for performing, executing and implementing the Works on the terms and conditions contained in this EOI Document. The timelines for EOI are summarised in the table below:

EOI No	NATRAX/EOI/TT/20/102
Period of issue of tender documents.	From 10.00 Hrs on 3rd Aug 2020 to 15.00 Hrs on 24th Aug, 2020.
The Last Date of receipt of queries if any,	Up to 17.00 Hrs on 11th Aug, 2020.
Last date/Time for submission of Sealed Bids	Up to 15.00 Hrs on 24th Aug 2020 , NATRAX Hub
Date/Time of opening of technical bids.	16.00 Hrs on 24th Aug 2020 at NATRAX Hub

- NATRAX reserves the right to reject/modify/cancel the tender without assigning any reason thereof.
- Within a package, bid should be completed in all respect, partial/conditional bid of any package shall be rejected.

National Automotive Test Tracks (NATRAX)

NH-52, Old Agra-Mumbai Highway, Near to Pithampur Flyover, Post Khandwa (Near Pithampur, Dist. Dhar (M.P.).

Phone: +91-9893892310, Email: tulika.banerjee@natrip.in
website: www.natrax.in







National Automotive Test Tracks
NATRiP Implementation Society,
Ministry of Heavy Industries & Public Enterprises
(Department of Heavy Industry)
Government of India

INVITATION OF EXPRESSION OF INTEREST

from

*INDIAN TYRE MANUFACTURERS FOR SYNERGIC PARTNERSHIP
IN UPGRADATION / AUGMENTATION OF FACILITIES
AT NATIONAL AUTOMOTIVE TEST TRACKS, INDORE*

August 2020

EOI NO: NATRAX/EOI/TT/20/102

National Automotive Test Tracks (NATRAX)

NH-52, Old Agra- Mumbai Highway, Near to Pithampur Flyover, Post Khandwa (Near
Pithampur)

Dhar District, Madhya Pradesh-454774

Phone: +919893892310, Fax – 07292-256101

Email: tulika.banerjee@natrip.in;

Website : www.natrax.in

(NATRAX reserves the right to cancel this request for EOI and / or invite afresh with or without amendments to this request for EOI, without liability or any obligation for such request for EOI and without assigning any reason.)





GENERAL INFORMATION

1. Ministry of Heavy Industries & Public Enterprises, Government of India, has constituted NATRIP Implementation Society (NATIS), an autonomous body, for the execution of National Automotive Testing and R&D Infrastructure Project (NATRIP). NATIS has been entrusted to set up state of the art, Automotive Test facilities at six locations across India, with an Investment of Rs 3727.30 Cr. (Approx. USD 560 million).
2. The National Automotive Test Tracks (NATRAX-Indore) is a world-class automotive proving ground setup under NATRIP at an investment of Rs. 1,321 Cr. (Approx. USD 200 Million) for comprehensive testing and vehicle performance evaluation and R&D of all type of vehicles. The site is located between NH-3 and N-59 and well connected with road. The facility has 14 different types of test tracks for comprehensive testing and evaluation of vehicles in varying terrains and stringency. The core of the facility is the oval 4-lane high speed track of 11.3 Km designed for a neutral speed of 250 kmph on curves. The large part of test load on this facility is related to evaluation of automotive performance such as max speed, acceleration, brake efficiency, noise, vibration, handling, stability etc. NATRAX is designated as the Centre of Excellence for Vehicle Dynamics.
3. NATRAX hereby invites sealed Expression of Interest (EOI) from the Indian Tyre Manufacturers for **"Synergic Partnership in upgradation / augmentation of Facilities at their proving ground"** under EOI No. NATRAX/EOI/TT/20/102. Those who meet the minimum eligibility criteria as mentioned in the Eligibility Requirement for the Synergic Partnership may participate in the EOI.
4. NATRAX reserves its right to suspend the short-listing process or part of the process or reject EOI at any stage of the process and/or modify the process or any part thereof at any time without assigning any reason thereof without any obligation or liability whatsoever on the part of NATRAX.
5. The procedure for submission of EOI is detailed in **Appendix A**. The interested Indian Tyre Manufacturers are requested to read the **Appendix A** carefully before submission of proposal under EOI.



GENERAL TERMS & CONDITIONS

1. DISCLAIMER

- 1.1. This EOI document is being issued by National Automotive Test Tracks ('NATRAX') to invite expression of interest from prospective Indian Tyre Manufacturers for synergic partnership with them for upgradation / augmentation of their facilities (Hereinafter collectively referred to as the 'Works').
- 1.2. The information contained in this EOI Document is being provided for the limited purposes only to enable interested parties ('Bidders') to submit a comprehensive proposal ("Bid") for performing, executing and implementing the Works. Under no circumstances shall NATRAX, or its advisers, consultants, contractors, servants and/or agents incur any liability arising out of or in respect of the issue of this EOI Document & and its content.
- 1.3. The possession of the EOI Document or use in any manner contrary to any applicable law is expressly prohibited. The Bidders shall inform themselves to observe any applicable legal requirements.
- 1.4. The information does not purport to be comprehensive or to have been independently verified. Nothing in this EOI Document shall be construed as legal, financial or tax advice. NATRAX shall not be liable for any costs, expenses, however so incurred by the Bidders in connection with the preparation and submission of the Proposal.
- 1.5. NATRAX reserves the right to amend this EOI Document and any information contained herein at any time by notice, in writing, to the Bidders.
- 1.6. Nothing in this EOI Document is, nor shall be relied upon as, a promise or representation as to NATRAX's ultimate decision in relation to the selection process of the successful Bidder for the execution of the Contract (defined hereinafter). The Bidder(s) shall not, therefore, assume that they will have the opportunity to revise their Proposal following submission except as provided in this EOI Document. However, NATRAX reserves the right to change the basis of or the procedures (including the timetable) relating to the bidding process, reject any, or all, of the Proposal, not to invite a Bidder to proceed further, not furnish a Bidder with additional information nor otherwise to negotiate with a Bidder at any time.



- 1.7. No person other than the one authorized by NATRAX to give any information or to make any representation not contained in this EOI Document and, if given or made, any such information or representation shall not be relied upon as having been so authorized.
- 1.8. This EOI Document is confidential and personal to each Bidder
- 1.9. Any summaries or descriptions of documents or contractual arrangements contained in any part of this EOI Document are only indicative and cannot be and are not intended to be comprehensive, nor any substitute for the underlying documentation (whether existing or to be concluded in the future), and are in all respects qualified in their entirety by reference to them.
- 1.10. NATRAX its advisers, consultants, contractors, servants, agents do not accept any responsibility for the legality, validity, effectiveness, adequacy or enforceability of any documentation executed, or which may be executed, in relation to the Works. NATRAX shall enter into a contract with the successful Bidder for performance, execution and implementation of the Works ("Contract"). No legal or other obligation shall arise between the successful Bidder and NATRAX unless and until the Contract has been formally executed by NATRAX and the successful Bidder and any conditions precedent to the effectiveness of the Contract have been fulfilled. NATRAX reserves the right not to proceed with the bidding process and to cancel the selection procedure, or any part thereof, at any time.
- 1.11. Nothing in this EOI Document shall constitute the basis of the Contract which may be concluded in relation to performance, execution and implementation of the Works nor shall such documentation/information be used in construing the Contract. Each Bidder must rely on the terms and conditions contained in the Contract, when, and if, finally executed, subject to such limitations and restrictions which may be specified in such Contract. Any reference to this EOI Document in the Contract with NATRAX or any correspondence between NATRAX and the Bidder shall not be construed as this EOI Document forming part of such contract.
- 1.12. The Bidder is prohibited from any form of collusion or arrangement by a Bidder (or its advisers or consultants) in an attempt to influence the selection and award process. Giving or offering of any gift, bribe or inducement or any attempt to any such act on behalf of the Bidder towards any officer/employee of NATRAX or to any other person in a position to influence the decision of NATRAX or any other person associated with the bidding process, for showing any favour in relation to this Bid or any other contract, shall render the Bidder to such



liability/penalty as NATRAX may deem proper, including but not limited to rejection of the Bid and forfeiture of the Earnest Money Deposit.

- 1.13. Laws of the Republic of India are applicable to this EOI Document. The courts at New Delhi and Madhya Pradesh shall have exclusive jurisdiction in relation to any disputes arising from this EOI Document.
- 1.14. The submission of this EOI document by the Bidder shall constitute its acceptance of the terms & conditions set forth in this EOI Document.

2. INSTRUCTIONS TO BIDDERS

- 2.1. The Bidders must ensure that they meet all the requirements/eligibility spelt out in this EOI document.
- 2.2. The Bidders are expected to carefully examine all the contents of the EOI document including instructions, and other terms & conditions may wish to visit NATRAX and take them fully into account before submitting their Bid. Failure to comply with the requirements as detailed in these documents shall be at the Bidder's own risk. Proposal which are not responsive to the requirements of the EOI document shall be rejected.
- 2.3. While all efforts have been made to avoid errors in the drafting of the EOI Document, the Bidders are advised to check the same carefully. No claim on account of any errors detected in the EOI Document shall be entertained.
- 2.4. Bidders should study the EOI document carefully and thoroughly before bidding and get clarifications within the specified time, if required, from NATRAX in this context.
- 2.5. The Bid prepared by the Bidder and all correspondence and documents relating to the EOI exchanged between the Bidder and NATRAX shall be in English language.
- 2.6. Each page of the Bid documents should be stamped and signed by an authorised person submitting the Bid in token of his/their having acquainted himself/ themselves with the EOI Documents in entirety including all the Annexure(s) and Forms. Any Bid not complying with the terms and conditions as set out in this EOI Document and/or not signed by authorised person may be rejected at the discretion of NATRAX.
- 2.7. The Bidders must obtain for themselves on their own responsibility and at their own expenses all the information which may be necessary for the



purpose of preparation and submission of the Bid and for entering into a Contract, must examine the EOI document, must inspect the sites of the Works, acquaint himself with all local conditions, means of access to the site, nature of the Works and all matters pertaining thereto.

- 2.8. The Bidder shall fill the contact details form issued with this bidding document and submit the same within 3 days of receipt of the bidding documents and NATRAX would use these details to communicate with the Bidder in case of issuance addenda/corrigenda etc.
- 2.9. Sub-contracting of the assignment will not be allowed. The Bidder so identified through this process of EOI shall be solely responsible for all the required final deliverables.

3. SCOPE OF WORK

As per Appendix A of the EOI Document.

4. SUBMISSION OF PROPOSAL

Bidders are required to submit their EOI in a sealed envelope, superscribed "Bid for EOI No. NATRAX/EOI/TT/20/102" in sealed envelopes, as given below. The sealed Proposal shall be submitted at the NATRAX Hub, NATRAX Pithampur before the closure of bid submission date & time.

4.1. **The Technical Proposal**

The Technical Proposal shall be filled by the Bidder as per Annexure I of Appendix A and submitted in a sealed Envelope at NATRAX Hub, NATRAX Pithampur on 24th Aug 2020, 3:00 pm. On the sealed envelope, it should be super scribed "EOI No. NATRAX/EOI/TT/20/102"

4.2. **Manner of submission**

- 4.2.1. The Bid shall be accepted at the NATRAX Hub, NATRAX, Pithampur up to 15.00 Hrs on 24th Aug 2020
- 4.2.2. NATRAX may, at its discretion, extend the deadline for submission of Proposal by issuing an addendum/ corrigendum, in which case all rights and obligations of NATRAX and the Bidders previously subject to the original due date & time will thereafter be subject to the extended deadline.



- 4.2.3. Any Bid received by NATRAX after the deadline for submission of Proposal will be rejected and returned unopened to the Bidders.
- 4.2.4. Proposal sent telegraphically or through other means of transmission (tele-fax, email etc.) which cannot be delivered in a sealed envelope shall be treated as defective, invalid and shall stand rejected.

5. AMENDMENT TO EOI DOCUMENT

- 5.1. Addenda / Corrigenda to the EOI Document may be issued by NATRAX prior to the last date of submission of the Proposal to clarify the documents or to reflect any modifications etc. All such addenda / corrigenda shall be treated as an integral part of the EOI Document.
- 5.2. In order to afford prospective Bidders reasonable time for preparing their EOI after taking into account such amendments, NATRAX may, at its discretion, extend the deadline for submission of EOI.
- 5.3. In case after issuance of addenda/ corrigenda, any Bidder who has already submitted its Bid, does not resubmit its Bid, it shall be deemed that such Bidder does not intend to modify its Bid on the basis of the addenda/ corrigenda and the addenda/ corrigenda have been taken into account.

6. VALIDITY OF PROPOSAL

- 6.1. Proposal shall be unconditional, firm and remain valid and open for acceptance for a period of 90 days from the due date of submission of Proposal.
- 6.2. In case NATRAX calls the Bidder for clarifications then this shall not amount to cancellation or withdrawal of original offer. NATRAX reserves the right to seek clarifications on the submitted Proposal.

7. CLARIFICATIONS TO BIDDER'S QUERIES

The Bidders are requested to raise their queries, if any, by email at tulika.banerjee@natrip.in; by 17.00 Hrs on 11th Aug 2020. Subsequent to this, NATRAX will invite Bidders and address all the queries received from all the Bidders together at a day, place and time decided by NATRAX. The contact details of the Bidder shall be required to be furnished at the time of purchase of EOI Documents. NATRAX reserves the right not to respond to questions raised or provide clarifications sought, in their sole discretion, if it is considered that it would be inappropriate to do so. Nothing in this section



shall be taken or read as compelling or requiring NATRAX to respond to any question or to provide any clarification.

8. BID OPENING AND EVALUATION PROCESS

8.1. Proposal Opening

- 8.1.1. The Bid shall be opened on 24th August 2020 at 16.00 hrs at the NATRAX Hub, NATRAX Pithampur in the presence of the Bidders or their duly authorised representatives who choose to remain present at the time of opening of Proposal.
- 8.1.2. The sealed bid envelop shall be opened in the presence of Bidders or their duly authorized representatives at the time mentioned above, in the presence of the members of NATRAX's bid opening Committee.
- 8.1.3. A letter of authorization by the Bidder's representative shall be submitted at the NATRAX Hub, NATRAX Pithampur at the time of opening of Proposal.
- 8.1.4. Absence of Bidders or their duly authorized representatives shall not impair the legality of the bid opening process.
- 8.1.5. All Bidders or their duly authorized representatives present shall be required to sign the main bid envelopes by way of confirmation of sealed bid status at the time of opening of Proposal.
- 8.1.6. After identification signing, the NATRAX's Bid opening committee representative shall open the main bid envelope. After opening, Bidders or their duly authorized representatives shall be required to sign the Technical bid envelopes of all the Bidders.
- 8.1.7. Refusal to sign the bid envelopes by any of the Bidder or his duly authorized representative present may disqualify such Bidder from the evaluation process at the discretion of members of the NATRAX's Bid opening committee present at the time of opening of the Proposal.
- 8.1.8. The Bid envelopes shall thereafter be opened and a preliminary scrutiny of contents of each of the Proposal as specified in the EOI Documents shall be carried out.
- 8.1.9. The Proposal shall be declared to be 'Valid' or 'Invalid' at the conclusion of preliminary scrutiny process, at the discretion of the members of the Bid opening committee present on the spot. The decision on declaring the Bid as valid or invalid shall not be postponed except under exceptional circumstances.



8.1.10. Proposal declared invalid shall be returned on the spot to the respective Bidders. In case, the Bidder or its representative whose Bid has been declared invalid is not present at the time of opening of the Proposal, the Bid shall be returned to the Bidder by Registered / Speed Post or Courier. No correspondence or claim whatsoever from such Bidders shall be entertained or responded to by NATRAX.

8.2. Disqualification Criteria

- 8.2.1. Not meeting the Minimum Eligibility Criteria.
- 8.2.2. Incomplete and conditional Proposal.
- 8.2.3. Debarred/ blacklisted by any of the Departments of Government of India, State Government, Public Sector Undertaking, Local Bodies of India or Foreign Governments.

8.3. Technical Bid Evaluation

- 8.3.1. The valid Proposal which meet the Minimum eligibility Criteria as per Annexure I shall be further evaluated.
- 8.3.2. During the Bid evaluation process, NATRAX may seek clarifications from the Bidder through E-mail/ Fax, for confirming and consolidating their offers.
- 8.3.3. All such clarifications are required to be answered by the Bidder by E-mail/Fax, within the time specified by NATRAX. The signed hard copies of the same need to be submitted to NATRAX and shall be deemed to be a part of the EOI Documents.
- 8.3.4. All valid Proposal shall be examined against the criteria as specified in "Evaluation Parameters".
- 8.3.5. The Bidder qualifying minimum eligibility criteria based on the above system and maximum rating for their proposal would be selected as the Successful Bidder.

9. NEGOTIATIONS

- 9.1. No negotiations shall be entertained.

10. NATRAX's RIGHT TO REJECT ANY OR ALL PROPOSAL



- 10.1. NATRAX reserves the right to accept or reject any bid, and to annul the EOI process and reject all Proposal, at any time prior to award of Contract without assigning any reasons for such acceptance/ rejection, 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. The Bidders shall not have any cause of action or claim against NATRAX for rejection of their Proposal.
- 10.2. NATRAX reserves the right to, without limitation, without incurring any obligation or liability vis-à-vis any Bidder and without expressing any cause or reason thereof, at any time and at its sole discretion amend or supplement the EOI Document and/or the selection process or the dates or other terms and conditions relating thereto, suspend and/or cancel the selection process.
- 10.3. NATRAX reserves the right to, without limitation, without incurring any obligation or liability vis-à-vis any Bidder and without expressing any cause or reason thereof, at any time and at its sole discretion to independently disqualify, reject and/or accept any and all Proposal or other information and/or evidence submitted by or on behalf of any Bidder, including without limitation pursuant to and/or in connection with receipt of a Bid after the submission deadline and/or determination that a Bidder will be unable to fulfil the requirements of the EOI Document.
- 10.4. The decisions and/or the exercise of discretion by NATRAX shall not be challenged by any Bidder and are final.
- 10.5. Any failure by NATRAX to exercise any rights hereunder, pursuant hereto and/or in connection herewith, shall not be a waiver of those or any other rights unless expressly stated as such in writing by NATRAX.
- 10.6. The Bidders and their respective officers, employees, agents and advisers must not engage in any collusive bidding, anti-competitive conduct or any other similar conduct with any other Bidder or any other entity in relation to the preparation or lodgement of Proposal or otherwise in any aspect of the Works.

11. SIGNING OF MOU.

- 11.1. The Successful Bidder(s) shall enter into and duly sign the MOU for performance, execution and implementation of the works as mentioned in EOI document within **thirty [30] days** from the date of issue of letter of acceptance



11.2. The Letter of Acceptance shall be issued within 7 days after selection of the successful Bidder(s).

12. NON-EXCLUSIVITY

The rights of the Successful Bidder to perform, execute and implement the Works or any part thereof pursuant to the Contract, is not exclusive and shall not prevent NATRAX from granting a similar right to other parties.

13. PROCESS TO BE CONFIDENTIAL

13.1. Except the public opening of Proposal, information relating to the examination, clarification, evaluation and comparison of Proposal and recommendations concerning the award of Contract shall not be disclosed to Bidders or any other persons.

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

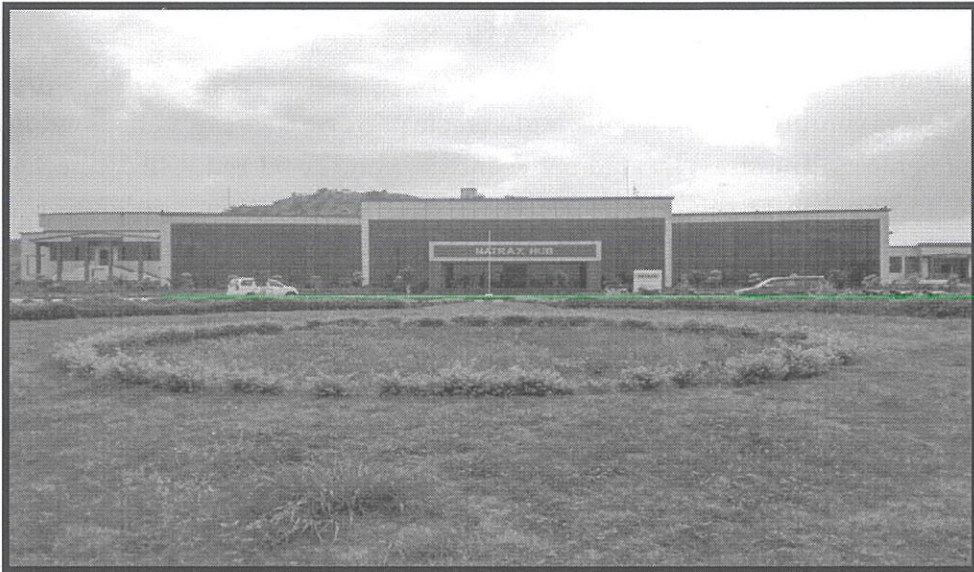
14. EVALUATION PARAMETERS:

S. No.	Evaluation Parameter
1	The Bidder should be a reputed Indian Tyre Manufacturer/ Tyre R&D Institutes with at least 3 years of experience.
2	Minimum Turnover INR 100 Cr.
3	Experience in setting up of Test facilities
4	Perquisites, Technical and Financial Proposal as per para in Appendix A
5	Consent to impart training to NATRAX Engineers for operation of test facilities to be upgraded/augmented under this partnership



• NATRAX/EOI/TT/20/102

NATRAX



1. Introduction:

National Automotive Testing and R&D Infrastructure Project (NATRiP), the largest and one of the most significant initiatives in Automotive sector so far, represents a unique joining of hands between the Government of India, a number of State Governments and Indian Automotive Industry to create a state of the art Testing, Validation and R&D infrastructure in the country.

The Project aims at creating core global competencies in Automotive sector in India and facilitate seamless integration of Indian Automotive industry with the world as also to position the country prominently on the global automotive map.

The National Automotive Test Tracks (NATRAX-Indore) is a world-class automotive proving ground setup under NATRiP at an investment of Rs. 1,321 Cr. (Approx. USD 200 Million) for comprehensive testing and vehicle performance evaluation and R&D of all type of vehicles. The site is located between NH-3 and N-59 and well connected with road. The facility has 14 different types of test tracks for comprehensive testing and evaluation of vehicles in varying terrains and stringency. The core of the facility is the oval 4-lane high speed track of 11.3 Km designed for a neutral speed of 250 kmph on curves. The large part of test load on this facility is related to evaluation of automotive performance such as max speed, acceleration, brake efficiency, noise, vibration, handling, stability etc. NATRAX is designated as the Centre of Excellence for Vehicle Dynamics.

2. Existing Testing Scope for Tyre Industry at NATRAX:

At present, almost all Indian Tyre manufacturing companies are using NATRAX Tracks and other facilities for their new Product validation and development. The Tyre Industries are using the Tracks for subjective and objective testing of Tyre performance, viz., Ride & Handling, Noise levels, Cornering capability, Brake efficiency, Aqua planning, Tyre Durability etc. Some of them have also hired the Client Workshops at NATRAX on annual contract for data analysis, servicing and Repair/ Maintenance of their inventory. NATRAX also has Special Kinematics and Compliance Test Rig where the Tyre parameters as fitted on vehicles could be measured to characterize the tyre parameters like Lateral Tyre Stiffness, Longitudinal Tyre Stiffness, Tyre tangential rate and aligning Torque compliance with different Vehicle loading configurations. Other



parameters like Tyre centre of pressure change with respect to Bounce, Roll, Lateral and Longitudinal Vehicle movements can also be measured using this test rig. NATRAX has potential to provide one stop solution to the Tyre Industry.

3. Collaboration scope for Tyre Industry at NATRAX:

As NATRAX has intent to provide comprehensive solution for Automotive Manufacturers and Tyre Industry for research and Development of the Vehicles and Tyres, it is imperative that some more facilities need to be developed as per current and future testing requirements. Some of the facilities identified to be upgraded / augmented are listed below:

- i) Wet Grip Track
- ii) Wet Handling Track
- iii) Extension of Noise Track
- iv) Crash Pads of used tyres
- v) RCC kerbs on Handling Track
- vi) Additional surfaces on comfort track
- vii) Off-road surfaces
- viii) Aquaplaning on Curves
- ix) Rolling Resistance machine
- x) Wet grip measurement for C3 Tyres
- xi) Flat Track Tyre Testing Machine
- xii) Tyre Uniformity Machine etc.

NATRAX is therefore inviting Expression of Interest from the interested Indian Tyre manufacturers for collaboration with NATRAX to develop the above-mentioned facilities on synergic partnership basis.

4. Benefits to the Indian Tyre Industry as a Partner:

The Partners may be entitled to the following Benefits on mutual agreement at later date in addition to assisting NATRAX in fulfilling its objectives

:

- i) Partner would be given preference in allotment for utilization of particular facility for which the synergic partnership is finalized.
- ii) The total usage by the Partner for particular facility would be invoiced at the end of Financial year and the amount would be amortized against the investment made by the partner.



- iii) Any other benefits as per mutual agreement.

5. Prerequisites for Tyre Industry as Partner:

The Tyre Manufacturers who wish to collaborate with NATRAX shall fulfil the following requirements:

Collaboration for Wet Grip Test Track Development:

- i) Shall have Traction Trailer for measurement of Peak Braking Coefficient, Tyre forces and moment characterization.
- ii) Shall have good exposure and trained manpower for Wet Grip testing
- iii) Shall be Indian Tyre Manufacturer

Collaboration for Noise Test Track Development:

- i) Shall have rolling sound emission measurement equipments.
- ii) Shall have good exposure and trained manpower for Tyre Rolling sound emission testing
- iii) Shall be Indian Tyre Manufacturer

Collaboration for Test Tracks for Ride & Handling Track Development:

- i) Shall have modern equipments for ride and handling measurements
- ii) Shall have good exposure and trained manpower for Ride & Handling assessment / measurement on Tracks.
- iii) Shall be Indian Tyre Manufacturer

Collaboration for Off road Track Development

- i) Shall have good exposure to durability measurement
- ii) Shall have trained manpower for off road testing
- iii) Shall be Indian Tyre Manufacturer

Collaboration for Lab Equipments / Machinery Development:

- i) Shall have good exposure to Tyre Lab Testing.
- ii) Shall have exposure to advanced Tyre testing machines.
- iii) Shall have Trained manpower of Indoor Tyre Testing.
- iv) Shall be Indian Tyre Manufacturer.



6. Documents to be shared by interested companies

- i) Company registration certificates
- ii) Testing facilities available with the tyre manufacturer
- iii) Facility Accreditation certificates
- iv) GST and PAN details
- v) Experience of manpower for tests mentioned above

7. Process of application:

The interested companies willing to make synergic partnership with NATRAX as a Partner for the purpose mentioned above shall apply against this EOI, by filling up Annexure-I and Annexure-II and Annexure-III, clearly expressing their interest for particular track / facility development along-with their detailed proposal and supporting documents. The selection would be done after due assessment for compliance to the eligibility criteria mentioned above. MoU's with mutually agreed terms and conditions would be signed with the selected companies thereafter for upgradation / augmentation of different tracks / facilities respectively. The Interest Companies can apply for any one or more than one facility for upgradation/augmentation.

8. Contact Details in case of Queries, if any:

Name: Ms. Tulika Mazumdar

Designation: Engineer (Tech) & Procurement In-charge

Email Id: tulika.banerjee@natrip.in



ANNEXURE-I

Technical Proposal (to be filled by Partner)

1. Please list the name of facilities in which interested for their upgradation / augmentation

a) _____ b) _____
c) _____ d) _____ etc.

2. Please tick whichever is applicable:

Sr. No.	Facility	Pre-requisite	Please Tick
1	Wet Grip Track	Traction Trailer for PBC measurement and Tyre forces and moments characterization	Available/ Not-Available
		Exposure to Tyre Wet Grip Testing with Trained manpower	Available/ Not-Available
		Indian Tyre Manufacturer	Yes / No
2	Extension of Noise Track	Tyre Rolling sound measurement equipment	Available/ Not-Available
		Exposure to Tyre Rolling sound emission testing with trained manpower	Available/ Not-Available
		Indian Tyre Manufacturer	Yes / No
3	Ride & Handling Track	Modern equipment for Tyre R&H Measurement	Available/ Not-Available
		Exposure to Tyre Ride & Handling testing with trained manpower	Available/ Not-Available
		Indian Tyre Manufacturer	Yes / No
4	Wet Handling Track	Modern equipment for Tyre Wet handling testing	Available/ Not-Available
		Exposure to Tyre Wet Handling testing with trained manpower	Available/ Not-Available
		Indian Tyre Manufacturer	Yes / No
5	Off Road Track	Exposure to durability testing with trained manpower	Yes / No
6	Rolling Resistance Machine	Exposure to Tyre testing on Rolling resistance machine with trained manpower	Yes / No
7	Flat Track Tyre Testing Machine	Exposure to Tyre testing on Flat Track machine with trained manpower	Yes / No
8	Tyre Uniformity Machine	Exposure to Tyre testing on Tyre Uniformity machine with trained manpower	Yes / No



ANNEXURE-II**List of documents to be submitted by Partners**

Sr. No.	Description of Document	Document No./ Ref.	Enclosed
1	Company Registration certificate		Yes/ No
2	List of Tyre Testing facilities available		Please enclose list
3	Facility Accreditation certificates		Please enclose copy
4	GST Details		Please enclose copy
5	Pan Details		Please enclose copy
6	Experience of Manpower and training details		Please enclose the details



ANNEXURE-III

Partnership Proposal

Please specify the mode of synergic partnership mentioned below for upgradation / augmentation of facilities at NATRAX in which you are interested and submit your detailed proposal for the same.

The proposal shall elaborate the nature of support which will be extended to NATRAX clearly bringing out details of infrastructure / manpower / knowhow available with them and the extent of possible financial investment for the purpose of upgradation / augmentation of particular facilities.

The proposal may also mention the expected benefits from NATRAX for venturing into such partnership with them.

Particulars	Please Tick (Whichever applicable)
Mode for Upgradation / Augmentation of Facilities	Cash / Kind / Both
Detailed Proposal	Please Submit detailed proposal. Attach additional sheets wherever applicable.

