

HEAVY INDUSTRIES TAXILA  
PROJECT DTE ARDIC  
TAXILA CANTT

**AMENDMENT IN TENDER**

1. Para 17 and 25 of Tender Inquiry No **TS469794E** 5646/IT-31/Proc/ARDIC dated 11 Jan 2022 published on PPRA website on 13 Jan 2022 has been amended and attached with this note, please.
2. All other terms and conditions of our tender inquiry referred above will remain unchanged.

AWM  
Procurement Officer  
(Bilal Ibrahim)

To: Government of Pakistan  
Public Procurement Regulatory Authority  
(Cabinet Division), Federal Bank for  
Co-operative Building 1st Floor Sector  
G-5/2 near SBP, Islamabad

Case No. 5646/Amdt/Proc/ARDIC dated Jan 2022



**Heavy Industries Taxila**

Request for Proposal (RFP)

For

Rubberization of special steel track  
FOR Basis

**Subject: Tender Inquiry for Shoe Body Re- Rubberization**

**Tender Inquiry No. 5646/IT- 31/Proc/ARDIC dated 11 Jan 2022**

**Opening date 02 Feb 2022 Opening Time 1100 Hours**

1. Forward your bids on or before **02 Feb 2022 but not later than closing time 1030 hours**. The tender will be opened at 1100 hours on the same date.
2. **All Firms participating in the tender will deposit 5% bid security of total quoted value in the shape of CDR / bank guarantee addressing to MD ARDIC Heavy Industries Taxila. The bid security will be provided by the firms in commercial envelope and clear mentioning of the same in the technical quotation will be ensured by the firms, failing which the bid will stand rejected.**
3. **IT document can be downloaded from PPRA and HIT website.**

Tel:+92-51-9315589

Fax: 051-9315151

Dated: \_\_\_\_ Jan 2022

AWM  
DAD (Proc)  
(Bilal Ibrahim)

**HEAVY INDUSTRIES TAXILA**  
**REQUEST FOR PROPOSAL (RFP)**  
**RUBBERIZATION OF SPECIAL STEEL TRACK**

**Introduction & General Information.**

1. Heavy Industries Taxila (HIT) was established in the early seventies and grown into a gigantic industrial complex. HIT deals in manufacturing and up-gradation of Tracked Armoured Personnel Carrier, Wheeled Light Armoured Vehicles, Bullet Proof Cars, Bunkers and Bullet Proof Jackets.

**Purpose.**

2. The purpose of this Request for Proposal (RFP) is to invite vendors to submit a proposal to HIT for rubberization of a special steel track for maximum durability in the widest range of operational conditions for low and high speed tracked vehicles. Development contract will be on no cost yes obligation. HIT would share the cost of running of tracked vehicle, provision of steel track for rubberization and man-hours to assemble/disassemble the tracks.

**Coverage & Participation.**

3. The intended coverage of this RFP, and any agreement resulting from this solicitation, shall be for the use of HIT along with national needs. HIT reserves the right to add and/or delete elements, or to change any element of the coverage and participation at any time without prior notification and without any liability or obligation of any kind or amount.

**Vendor Understanding of the RFP.**

4. In responding to this RFP, the vendor accepts the responsibility fully to understand the RFP in its entirety, and in detail, including making any inquiries to HIT as necessary to gain such understanding. HIT reserves the right to disqualify any vendor who demonstrates less than such understanding. Further, HIT reserves the right to determine, at its sole discretion, whether the vendor has demonstrated such understanding. That right extends to cancellation of award if award has been made. Such disqualification and/or cancellation shall be at no fault, cost, or liability whatsoever to HIT.

### **Good Faith Statement.**

5. All information provided by HIT in this RFP is offered in good faith. Individual items are subject to change at any time. HIT makes no certification that any item is without error. HIT is not responsible or liable for any use of the information or for any claims asserted there from.

### **Errors and omissions in this RFP and enhancements.**

- a. Vendors shall bring to the notice of HIT any discrepancies, errors, or omissions that may exist with this RFP. With respect to this RFP, vendors shall recommend to HIT any enhancements, which might be in HIT's best interest. These must be submitted in writing or through email and must be received prior to technical proposals submission.
- b. Inquiries about technical interpretations must be submitted in writing and be received prior to technical proposals submission. Any query received after the said date may not be entertained.
- c. Inquiries for clarifications/information that will not require addenda may be discussed verbally at any time during this process.
- d. The clarification and its replies will be shared with all prospective bidders.
- e. The authorized representatives for all correspondence queries/clarifications in relation to this RFP are:

#### **Primary Contact**

**Name:** AWM Muhammad Nadeem Azam  
**Designation:** OIC Rubber Lab  
**Postal Address:** ARDIC, HIT Taxila Cantt  
**Phone (Office):** 051-9315333 (63025)  
**Email:** [dadt-ar@hit.gov.pk](mailto:dadt-ar@hit.gov.pk)

#### **Secondary Contact**

**Name:** SWM Syed Talat Shabbir  
**Designation:** Principal Research Officer (PRO)  
**Postal Address:** Headquarter ARDIC, HIT Taxila Cantt  
**Phone (Office):** 051-9315333 (63041)  
**Email:** [proar@hit.gov.pk](mailto:proar@hit.gov.pk)

### Addenda.

6. HIT will make a good-faith effort to provide a written response to each question or request for clarification that requires addenda.

### Definitions.

7. Some important definitions used in this document are listed below:

- a. **Purchaser:** means the Heavy Industries Taxila (HIT) or any other person for the time being or from time to time duly appointed in writing by the Purchaser to act as Purchaser for the purposes of the Contract.
- b. **Vendor/Firm / Company:** These terms are used interchangeably for the firms who have participated in expression of interest (EOI) activity.
- c. **“Bidder / Tenderer:** means the interested Firm / Company / Supplier / Distributors that may provide or provides the subject related services to any of the public/private sector organization under the contract and have registered for the relevant business thereof.
- d. **Authorized Representative:** means any representative appointed, from time to time, by the Purchaser or the Bidder/Contractor.
- e. **Contractor:** means the Tenderer whose bid has been accepted and awarded Letter of Acceptance for a specific item followed by the signing of Contract.
- f. **Contract:** means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.
- g. **Force majeure:** shall mean any event, act or other circumstances not being an event, act or circumstances under the control of the purchaser or of the Contractor. **Non-availability of materials / supplies or of import license or of export permit shall not constitute Force majeure.**

### Special Steel Track.

8. The vendor will survey / study the special steel track meant for complete rubberization and will consider all essential parameters prior to submitting the proposal for the subject purpose.

## Scope of Work

### 9. Technical Data of steel track

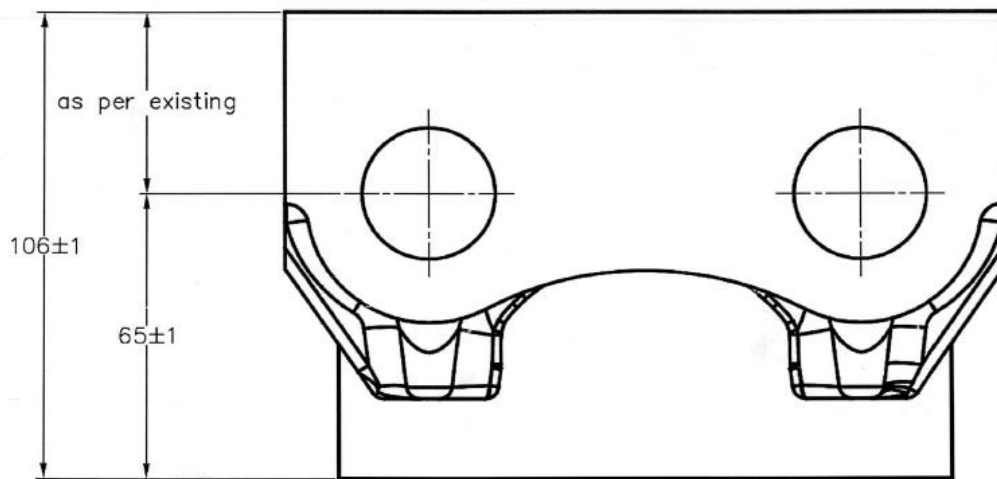
- a. Nomenclature - Rubberization of Special Track Pad as it is or fixing of removable tr pads
- b. Track Type - Dual Pin Track
- c. Track Pad ground contact area for rubberization – As per genuine
- d. Track Pad inner side area for rubberization – 145 x 140 mm
- e. Pin length for rubberization – 198 mm
- f. Pin dia – 30 mm
- g. No of track pads for rubberization – 310

### 10. Performance Parameters of Track Pad

- a. Supplier needs to rubberize steel track conforming MIL standard **MIL-DTL-11891G** having following desirable properties of track pad:
  - (1) High cutting and chipping-resistance
  - (2) High tear and tensile strength
  - (3) High cut growth resistance
  - (4) High-abrasion resistance
  - (5) Low hysteresis / high-resilience
  - (6) Thermo chemical stability / resistance to heat
  - (7) Resistance to oxygen and ozone
  - (8) Storage stability

11. Track Pad adhesion type. Rubberized Track pads should be molded from the highest quality rubber and rubber compound of track pad should be water and weather-resistant to enable track to perform in a wide range of battlefield environments.

12. Installation. It should be easy to install and remove for repairs and replacement. Track Pad dimensional size after rubberization should be within range as specified under: (Fig-1)



(Fig-1)

13. **Performance Standard.** Track pad should conform to Mil Specification **MIL-DTL-11891G** and allied test standard mentioned in the MIL-DTL-11891G:

**Commercial Aspects.**

14. **Quantities required.** - Min 320 units
15. **Delivery schedule.** - Within next 3 months
16. **Annual expected turnover.** - Minimum 5000 units annually, which may enhance considerably.
17. **Development Cost.** Preference would be given to the bidder who develop and supply track pads for 320 units **on no cost yes obligation.**
- a. Firm(s) will submit commercial offer with “Estimated Itemized Cost (EIC)” of the item including following: -
    - (1) Material Cost.
    - (2) Manufacturing Cost (including tooling, labor, die, overhead charges etc).
    - (3) R&D Charges.
    - (4) Service Charges (including transportation, tests/trials, profit etc).
  - b. After successful development and qualification of final product, the firm will submit the “Final Itemized Cost (FIC)” along with supporting documents / verification proofs for subsequent series / bulk procurement contract(s) of the same item(s). FIC will be mutually negotiated / finalized before conclusion of the development contract. Same will remain valid for one year. FIC will be finalized under following heads: -

- (1) **Material Cost.**
  - (a) Imported material with details (specifications, source, cost).
  - (b) Local material with details (specifications, source, cost).
- (2) **Manufacturing Cost.**
  - (a) Tooling cost with details.
  - (b) Labour cost with details of man-hours.
  - (c) Die, jigs and fixture cost with details.
  - (d) Overhead charges including cost of utilities etc.
- (3) **Service Charges (including transportation, in-house tests / trials, profit etc).**
- (4) **R&D Charges.** This will be will be amortized in series / bulk procurement contracts, in case of No Cost No Obligation and No Cost Yes Obligation only. Same must be covered under following heads: -
  - (a) Material characterization.
  - (b) Modelling and simulation.
  - (c) Formulation of drawing and process sheets.
  - (d) Software development.

c. FIC will remain negotiable for series / bulk procurement contract(s) after one year based on inflation rate and overall cost variations etc.

18. **Steel Track Samples.** Original Track Sample will be made available by HIT for further study.

19. **NDA.** Further details can be sought by supplier from ARDIC HIT and technical details can be exchanged after signing of NDA.

20. **Quality.** The quality and performance parameters specified in RFP must be strictly adhered.

### **Warranty/Guarantee and Maintenance Support.**

21. HIT considers Warranty Support and Maintenance Support as two different concepts explained below.

a. **Warranty Support (for series production only) .**

- (1) The Contractor will provide warranty of Rubberized track pad for a period 1500 kms or 3 years which ever come first.
- (2) Warranty support period will start after successful installation on tracked vehicle.



(3) All warranty support services, are to be rendered free-of-cost to the Purchaser. The Contractor shall be responsible for all costs.

b. **Maintenance Support: (for series production only )**

(1) Supplier will also be responsible for the provision of all the spares when orders are placed.

**Evaluation Criteria**

22. **Pre-Qualification:**

- a. HIT will prefer to deal with single vendor. In case of multiple contractors, main / principal vendor will be responsible for ensuring compliance of RFP requirements. Supplier / bidder needs to provide details as per Annex A to C.
- b. Bidder must have prior experience in implementing similar solutions of rubberization of tracked vehicles components. (Annex - D)
- c. Firms should not be blacklisted or defaulted anywhere within or outside Pakistan. In this regard firm should provide “No Blacklisting / Defaulting Certificate” (affidavit on judicial stamp as per Annexure E, duly attested by Notary Public to be provided).
- d. Only registered suppliers /persons who are on Active Taxpayer list of FBR are eligible to participate in the bidding process.

23. **Bid Evaluation:** A technical committee will be formed to evaluate the technical offers. The entire process will be completely at the discretion of HIT and will be binding on the bidders. Its decision shall be final and no correspondence about the decision shall be entertained by HIT.

24. **QC testing** Track pads provided by supplier will be assembled and installed on a tracked vehicle and subject to field testing of 1500 km on HIT test range or any other terrain in user area. QC Testing will be carried out as per ATP.

25. **Special Conditions**. After successful conclusion of development contract including qualification of the prototype / 1st Article, following “Yes Obligations” for the qualified firms will be applicable for bulk supply / series procurement contract(s) after approval by HITB as under: -

- a. Award of “Sole Manufacture Right” for HIT or procurement “Proprietary” status for minimum 3 years, subject to timely development, contract execution performance, quality, cost rationalization and value additions (if any) of development / 1st contract.
- b. Extension of “Sole Manufacture Right” for HIT or procurement “Proprietary” status beyond 3 years subject to timely completion, contract execution performance, quality consistency, cost rationalization and value additions (if any) in previous contract(s).
- c. Where operationally, financially and technically possible / viable, HIT (developing or procurement agency) may provide estimated required quantities to qualified firm(s) for subsequent needs.
- d. Qualified firm will not be allowed to participate in any tender of similar items elsewhere (inland and abroad) without prior permission of HITB.

**Format for Covering Letter to be Printed on Company Letterhead**

Reference No: \_\_\_\_\_

Date: \_\_\_\_\_

To: Heavy Industries Taxila (HIT)  
Taxila Cantt

Subject: **Proposal Submission against "Request for Proposal dated \_\_\_\_\_ 2012"**

Dear Sir,

- a. Having examined your Request for Proposal dated \_\_\_\_\_, 2022 we, the undersigned, in conformity with the said document, offer to provide the said Services on terms of reference to be signed upon the award of contract for the sum indicated as per financial bid.
- b. We undertake, if our proposal is accepted, to provide the services comprised in the contract within time frame specified, starting from the date of receipt of notification of award from the Purchase Department / Office.
- c. We agree to abide by this proposal for the period of **120 days** from the date of bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- d. We agree to execute a contract in the form to be communicated by HIT, incorporating all agreements with such alterations or additions thereto as may be necessary to adapt such agreement to the circumstances of the standard.
- e. Unless and until a formal agreement is prepared and executed this proposal together with your written acceptance thereof shall constitute a binding contract agreement.
- f. We understand that you are not bound to accept a lowest or any bid you may receive, not to give any reason for rejection of any bid and that you will not defray any expenses incurred by us in bidding.

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Authorized Signatures with Official Seal

**Undertaking**

It is certified that the information furnished herein and as per the document submitted is true and correct and nothing has been concealed or tampered with. We have gone through all the conditions of RFP and are liable to any punitive action for furnishing false information / documents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 2022

Signature

(Company Seal)

Duly authorized to sign bids for and on behalf of:

**The Bidder Company and its Authorized Representative**

Business Name:

Details of Registered Head Office

- Postal Address:
- Landline No:
- Fax No:
- Email:
- Website:

CEO/Owner

- Title & Name:
- Landline No:
- Mobile No:
- Fax No:
- Email:

Authorized Representative

- Title & Name:
- Designation:
- Landline No:
- Mobile No:
- Fax No:
- Email:

**Similar Projects Completed / Currently in Hand**

[Contacts of the focal persons must be active /available for feedback on project]

<b>S.No.</b>	<b>Client</b>	<b>Project Details</b>
1.	1. <b>Name:</b> 2. <b>Type of Business:</b> 3. <b>Sector: [e.g. Public OR Private]</b> 4. <b>City/Country: [e.g. Lahore/Pakistan]</b> 5. <b>Landline Ph:</b> 6. <b>Client Side Focal Person Name:</b> 7. <b>Designation:</b> 8. <b>Line/Mobile No:</b>	1. <b>Title:</b> 2. <b>Scope: [description not more than 200 words]</b> 3. <b>Project Value:</b> 4. <b>Start Date:</b> 5. <b>Planned Completion Date:</b> 6. <b>Project/Technical Manager:</b> 7. <b>Line/Mobile No:</b>
2.		

**Important Note:** Copy of Award Notification or Award Letter from the client for each project must be provided, otherwise the project will not be considered.]