HEAVY INDUSTRIES TAXILA (PROCUREMENT DIRECTORATE) TAXILA CANTT

Subj: Tender Inquiry No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 Jan 2024.

- Tender inquiry No. TS529704E 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024 1. published on PPRA website on 28 March 2024 may please be amended as under :
 - a. **FOR**

Date of Opening

30 Sep 2024

b. **READ**

Date of Opening

06 Nov 2024

All other terms and conditions of our tender inquiry referred above will remain unchanged. 2.

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,

Deputy Assistant Director (Tendering Cell) (Avaz Ud Din)

Case No. 4922/Advt/HIT/Amendment/RT-3017/R&T/Proc Dte dated

HEAVY INDUSTRY TAXILA PROCUREMENT DIRECTORATE (REGN & TENDERING CELL)

Subj: Tender Inquiry No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024.

- 1. Tender Inquiry No. **TS529704E** 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024 published on PPRA website on 6 June 2024 may please be amended as under:
 - a. FOR

Date of Opening -

25 June 2024

b. **READ:**

Date of Opening_ -

30 September 2024

2. All other terms and conditions of our tender inquiry referred above will remain unchanged.

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,

Deputy Assistant Director (Procurement)
(Ayaz Ud Din)

Case No 4922/Advt/HIT/Amendment/RT-3017/R&T/Proc Dte dated

June 2024

HEAVY INDUSTRY TAXILA PROCUREMENT DIRECTORATE (REGN & TENDERING CELL)

Subj: Tender Inquiry No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024.

- 1. Tender Inquiry No. **TS529704E** 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024 published on PPRA website on 28 March 2024 may please be amended as under:
 - a. FOR

Date of Opening

15 June 2024

b. **READ:**

Date of Opening_

25 June 2024

2. All other terms and conditions of our tender inquiry referred above will remain unchanged.

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,

AWM
Deputy Assistant Director (Procurement)
(Ayaz Ud Din)

HEAVY INDUSTRY TAXILA PROCUREMENT DIRECTORATE (REGN & TENDERING CELL)

Subj: Tender Inquiry No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024.

- Tender Inquiry No. TS529704E 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024 published on PPRA website on 19 March 2024 may please be amended as under:
 - a. FOR

Date of Opening - 02 April 2024

b. READ:

Date of Opening - 15 June 2024

All other terms and conditions of our tender inquiry referred above will remain unchanged.

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,

Deputy Assistant Director (Procurement)
(Ayaz Ud Din)

Case No 4922/Advt/HIT/Amendment/RT-3017/R&T/Proc Dte dated 27 March 2024

PROCUREMENT DIRECTORATE (REGN & TENDERING CELL)

Subj: Tender Inquiry No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024

1. Tender Inquiry No. **TS529704E** 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024 published on PPRA website on 29 Jan 2024 may please be amended as under:-

a. FOR

Date of Opening -

19 March 2024

b. READ:

Date of Opening_ -

02 April 2024

2. All other terms and conditions of our tender inquiry referred above will remain unchanged.

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,

Deputy Assistant Director (Procurement)

(Ayaz Ud Din)

Case No 4922/Advt/HIT/Amendment/IT-3037/R&T/Proc Dte dated

18

March 2024

HEAVY INDUSTRY TAXILA PROCUREMENT DIRECTORATE (REGN & TENDERING CELL)

Subj: Tender Inquiry No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024

- 1. Tender Inquiry No. **TS529704E** 5126/RT-3017/2023-24/FOB/GF/Proc dated 08 January 2024published on PPRA website on 09 Jan 2024 may please be amended as under:
 - a. FOR

Date of Opening

12 Feburary 2024

b. READ:

Date of Opening -

19 March 2024

2. All other terms and conditions of our tender inquiry referred above will remain unchanged.

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,

Deputy Assistant Director (Procurement)
(Asadullah Turi)

Case No 4922/Advt/HIT/Amendment/IT-3037/R&T/Proc Dte dated

January 2024

HEAVY INDUSTRIES TAXILA



Bid No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 8 January 2024

Standard Bidding Document (SBD)

for

Refurbishment of Mechanical Autofrettage
(Single Stage Two Envelope)

FOB

PROCUREMENT DIRECTORATE HIT TAXILA

TAXILA CANTT

Bid Submission Date 12 Feb 2024 at 1030 hours Bid Opening Date: 12 Feb 2024 at 1100 hours

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HEAVY INDUSTRIES TAXILA TENDER NOTICE

1. Sealed tenders are invited from reputed firms possessing NTN Certificates for supply of under mentioned items. Procurement will be carried out in the light of PPRA and MoDP rules: -

Tender No	Nomenclature	A/U	Qty	Delivery	Last date of	Date and tin	ne of Tender
				Period	Collection of Tender Documents	Submission	Opening
IT-5126/RT- 3017/2023- 24/FOB/GF/ Proc dated 8 January 2024		Nos	01	8 months after signing of contract	Tender available on PPRA website	12 Feb 24 at 1030 hours	12 Feb 24 at 1100 hours

Note: Annexure if not found can be obtained from Procurement Directorate at on working day.

- 2. Bidder must submit the following document along with check list attached at Section - C at time of submission of tender: -
 - Photocopy of Registration / Pre-qualification / Indexation letter issued by the HIT. a.
 - Attested copy of Registration certificate issued by Sales Tax Department, copy of NTN b. certificate.
 - Audit report of last 3 x FYs. C.
 - d. Attested Bank Statement for last one year.
 - Attested copy of CNIC of MD. e.
 - Trade link between firm and OEM (in case of distributor / agent). f.
 - Certificate on a judicial paper worth Rs 100 duly attested by Oath Commissioner that g. firm is neither defaulter nor blacklisted by any Govt Org directly or indirectly.
 - Detail of list of contracts last 3 x FYs / works experience with Govt / Semi Govt Org. h.
 - Copy of registration letter with Govt / Semi Govt organization (if any). i.
 - Postal order of Rs 2,000/- should be enclosed with Technical Bid in favour of Managing į. Director Gun Factory.

For further Information

Tel: (051) 9315333 Ext 63215 Fax: (051) 9315029

E-Mail: dirprocdte@hit.gov.pk

Date: ___/Jan/2024

HEAVY INDUSTRIES TAXILA



Bid No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 8 January 2024

For **Refurbishment of Mechanical Autofrettage**

INVITATION TO BIDS

1.	This	Invitation	to	Tender	(IT)	follows	the	Procurement	Notice	(PN)	or	Procurement
Advert	tiseme	ent (PA) fo	r the	subject	proc	urement	whic	h will appeare	ed in 2 x	news	oape	er (1 x English
and 1	x UR[DU) on	/Ja	an/2024.								

2. The Heavy Industries Taxila now invites sealed bids from eligible Suppliers for **Refurbishment of Mechanical Autofrettage**. The complete original bid (technical & commercial) along with 1x copy of technical bid, properly filled in, and enclosed in sealed envelope(s) must be delivered as under: -

<u>Ser</u>	<u>Activity</u>	Response	<u>Remarks</u>		
a.	Bid submission	10:30 hours 12 Feb 2024	Tender Box available at Gate No 5		
b.	Bid opening (Technical)	11:00 hours 12 Feb 2024	Venue Procurement Directorate HIT Taxila		
C.	Pre-bid meeting	N/A	Venue Procurement Directorate HIT Taxila		
d.	Bid submission address	Gate – 5, Heavy Industries Taxila, Taxila Cantt	Tender Box Available at Gate No 5, Drop Tender document in Tender Box before deadline.		

- 3. All bids must be accompanied by a Bid Security / Earnest Money in the form of Call Deposit Receipt (CDR), Bank Draft (BD) or Pay Order (PO) in favour of Director Procurement, Heavy Industries Taxila as per the instructions provided in this IT.
- 4. Firms shall nominate a Lead Member / authorized representative, on the firm's letterhead, with authority to conduct all business for and on behalf of the firms during the bidding process, and in case of award of contract, during the execution of contract.
- 5. Appointment of the Lead Member shall be subsequently confirmed by submission of a

valid Power of Attorney before signing of the contract by the firm winning the contract.

- 6. This IT consists of <u>55 x pages</u> and comprises following forms:
 - a. **Section A**. Invitation letter and general instructions to the firms.
 - b. Section B
 - (1) Part I. Bid Data Sheet
 - (2) Part II. General terms / conditions governing the contract
 - (3) Part -III. Standard Terms and condition / technical specifications.
 - c. <u>Section C</u>. Firms' response as well as essential forms to be submitted.
- 7. Firms will fill and return, with their offers, the forms Section B, Section C and the questionnaires duly stamped / signed by the authorized person / signatory.

Yours faithfully,

Deputy Assistant Director (Procurement)
Procurement Directorate
Heavy Industries Taxila, Taxila Cantt

GENERAL INSTRUCTIONS

Mandatory Conditions for the IT

- 1. This IT contains some **MANDATORY CONDITIONS** (marked in bold capitals), which if not agreed in essence shall render the offer Null-and-Void without any legal ramification to the offered. No counter-offer of any **MANDATORY CONDITION** shall be accepted.
 - a. No reference, written / oral will be made in the Bidding Documents or duringthe bidding process, of any previous contract concluded between the firm and the Procuring Agency or the firm with any other Procuring Agency inside or outside the territory of Pakistan.
 - b. Any deviation (except for the **MANDATORY CONDITIONS**) due to non- acceptance of IT conditions should be highlighted along-with the firm's changed offer / conditions. Bid may, however, be liable to rejection due to non-acceptance of any one or more conditions outlined by the Purchaser in this IT.

Eligibility of Firms

- 2. The bidding shall be conducted in line with the procedure as elaborated in the DPP&I-35 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the MoDP (from time to time) and is open to all the potential bidders. Eligibility criteria laid down in the DPP&I-35 will be followed strictly. Key points are as under:
 - a. <u>Ineligible Countries</u>. India and Israel.
 - b. **Ineligible Firms**. A firm will be ineligible if: -
 - (1) Declared bankrupt / insolvent;
 - (2) Payments in favour of the firm is suspended in accordance with the judgment of a court of law:
 - (3) Legal proceedings are instituted against a firm involving an order suspending payments and which may result in declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of the property;
 - (4) The firm or its management / administration is convicted, by a final judgment, of any offence involving professional conduct;
 - (5) Firm is blacklisted and debarred due to corrupt and fraudulent practices, or performance failure or breach of bid securing declaration.
 - (6) A firm which has defaulted on two or more contracts with any of the Services HQ and DPEs until the satisfactory conclusions of the contract.

Note: Administrative / legal action will be taken against an ineligible firm, if it participates in the tender.

Preparation and Delivery of Bid

- 3. <u>Validity of Bid (MANDATORY Condition)</u>. Bids shall be valid for **180 days** extendable to **60 days** from the date of opening of the Financial Proposal. This must be indicated in the Technical as well as the Financial Proposals.
- 4. <u>Late Submission</u>. Bids received after the appointed time will **NOT** be entertained and regarded as "**POST BID OFFER**". The appointed time will, however, fall on the next working day in case of closed / forced holiday. HIT will not accept any excuse of delay occurring in the post.
- 5. **Delivery of Bids**. The firms shall submit offer in two separate envelopes i.e. Technical Proposal envelope, Financial Proposal envelope.
 - a. <u>Technical Proposal</u>. The offer should contain all the relevant specifications along with **01x copy** without prices. "**Technical Proposal**", "**Tender Number**" and "**date of**

opening" should be clearly marked on the face of the envelope. **Soft copy** of the Technical Proposal will be provided inside the Technical Proposal envelope. Copy of the muted bid security / Earnest Money envelope (**hiding the actual amount**) will be placed inside the "**Technical Proposal**" envelope.

- b. <u>Financial Proposal</u>. Only one copy of the offer (in original) indicating prices quoted in figures as well as in words along-with essential literature / brochure as per itemized cost for format at "Schedule to Price Section B" be provided. "Financial Proposal", "Tender Number" and "date of opening" should be clearly marked on the face of the envelope. The actual bid security / Earnest Money showing the amount will be placed inside the envelope of the "Financial Proposal".
- c. Both these offers will be sealed in separate envelopes, each bearing the stamp / signature of the bidder. Thereafter both the envelopes (**Technical Proposal and Financial Proposal**) along with the Bid Security envelope will be placed in one envelope (**second cover**) duly sealed, stamped, and signed. This cover should bear the address of Heavy Industries Taxila, RT number and date, and RT opening date. This envelope will be further placed in another cover (third cover), addressed as following address without any indication that there is a bid within it: -

To: Lieutenant Colonel

Assistant Director (Procurement) - Tender Document

Gate No 05, Heavy Industries Taxila

Tel: (051) 9315333 Ext 63215

Fax: (051) 9315029

E-Mail: dirprocdte@hit.gov.pk

d. <u>Postal Order</u>. Postal order of Rs 2,000/- should be enclosed with Technical Bid in favour of Managing Director GF.

Participation and the Opening of IT

- 6. <u>Participation in Bid Opening</u>.IT will be opened in the presence of the firms, who choose to attend on the assigned time, date and place.
 - a. Firms should send a representative with the knowledge of the content of the Bid who shall verify the information read out from submitted documents. Failure to send a representative or to point out any un-read Information by the firm's representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bid.
 - b. Representative should be a responsible authority and permitted signatory, competent to negotiate and sign the contract on the behalf of the supplier / firm, if required.
 - c. The firms' representatives shall sign attendance sheet as proof of their attendance. Omission of firm's signature on the record shall not invalidate the contents and affect the record.
- 7. Opening of Tender. Tender will be opened as per the procedures laid down in DPP&I-35 / HIT and at least thirty (30) minutes after the time specified for the submission of tender. In case of closed / forced holidays, tender opening time will be considered the same on the next working day.
 - a. Technical Proposal i.e. without prices will be opened on the day of tender opening and will be sent for the Technical Scrutiny.
 - b. The "**Financial Proposal**" will be opened, when the Technical Proposal is accepted by the technical authorities. The date of opening for "**Financial Proposal**" will be intimated to the firm in advance.
 - c. The Financial Proposal will be returned to the firm un-opened along with the Bid Security / EM if the Technical Proposal is not technically accepted.
- 8. <u>Withdrawal of Offer</u>. Bidder cannot withdraw the offer before signing of the contract and within the validity period of offers. Any firm withdrawing its offer within the validity period can be

placed under embargo for upto three year and the Bid Security / EM will be forfeited. Any change in the original IT condition will also be construed as withdrawal of offer.

9. **Rights Reserved**. HIT reserves the full rights to accept, reject or cancel all the offers including the lowest without assigning any reason.

Acceptance of Bids

10. Bids technically approved by the Technical Scrutiny Committee will be accepted. In addition, Bids not opened and not read out at the tender opening shall not beconsidered further for evaluation.

Bid Security / Earnest Money (EM)

- 11. The Bid Security / EM will be in the form of a CDR / Bank Draft / Pay Order in the favour of Director Procurement, Heavy Industries Taxila, for the amount in Pakistan Rupees for FOR cases or equivalent US\$ for FOB cases. Bid Security in the form of crossed cheque / cheques shall be liable for rejection. Rates are as under:
 - a. <u>Prequalified/Registered/ Indexed Firms/ Pre-qualified Firms</u>. 2% of the quoted value subject to the maximum ceiling of Rs. **0.500** million.
 - b. <u>Pre-qualified/Registered/ Pre-qualified but Un-indexed Firms</u>. 3% ofthe quoted value subject to the maximum ceiling of Rs. **0.750** million.
 - c. <u>Unregistered/Un-indexed Firms</u>. 5% of the quoted value subject to the maximum ceiling of Rs. **1.000** million.
- 12. The muted Bid Security / Earnest Money envelope will be opened with the Technical Proposal. Technical Proposals received without Bid Security/Earnest Money or not as per the stipulated amount shall be liable to rejection.
- 13. Return of Bid Security / Earnest Money. In case a firm not qualifying during the technical scrutiny, its Financial Proposal (unopened) along with the Bid Security/ Earnest Money will be returned within 60 working days on receipt of the Technical Scrutiny Report. In case afirm qualifies during the technical scrutiny, the Bid Security/ Earnest Money will be returned after signing of the contract and on submission as well as confirmation of the Performance Bank Guarantee and Advance Bank Guarantee.
- 14. <u>Evaluation of Firm / Qualification Criteria</u>. Qualified Bidder, with Least Cost will be awarded the Contract Participating firms should meet the scoring criteria described at para 15 of Section B (Part –I) and detail scoring mentioned at **Annexure B**.

Pre-qualification/Registration of Firm

- 15. **Documents**. Details of information to be furnished / attested copies of the documents to be attached with the bids are as under:
 - a. <u>Firms Registered with the HIT</u>. A copy of the HIT's registration / renewal letter / indexation/ additional indexation letter as applicable; and the HIT's letter showing their financial capability. Valid Principal / Agency Agreement in case of agent firm.
 - b. **Unregistered Firms**. A copy of the Bank Statement of the last one year.
 - c. <u>Local Firms</u>. A copy of the Registration Certificate issued by the Sales TaxDepartment, and a copy of the CNIC of MD of the firm. Local firms will mention "Income Tax Number" on the offer.
 - d. <u>Foreign Firms</u>. Passport copy of the MD of the firm and a copy of the Registration Certificate issued by the respective Department of Commerce authorizing export of offered stores. The foreign firms will mention their Registration Number on the offer.
- 16. In case a non-prequalified / unregistered / un-indexed firm wins a contract, the firm will deposit following documents for provisional pre-qualification before the award of the contract: -

Ser Foreign Supplier

a.	Three filled copies of SVA-8124 particular of firm.
b.	Three filled copies of SVA-8124-A of each member of management.
C.	Three photocopies of resident card or equivalent identification card foreach
	member of management.
d.	Three PP size photographs for each member of management.
e.	Challan Form (*).
f.	Financial Standing / Audit Balance Sheet.
g.	Photocopy of Passport.
h.	Authorization letter from the MD/ CE in case contract is being signed byanother
	person on his behalf.
i.	Agency Agreement in case of trading house/ company/ exporter/ stockiestetc.

Note:

- (*) Original copy of challan form for local suppliers / firms for **Rs 7500/-** is to be deposited in the Govt treasury against account no. Main Head-21, Sub Head-"A", Miscellaneous Code Head (0189407) in any of the branches of National Bank of Pakistan or the State Bank of Pakistan.
- 17. Provisionally pre-qualified firm will apply to the Registration Section (Procurement Directorate, HIT) for formal registration / indexation within one month after signing of the contract along with receipt copy of **challan form for Rs.7500/-** (in original) deposited into the Govt treasury for local firm and US\$ 100/- for foreign firms. In addition, all other documents required as per the initial registration will be submitted by the Suppliers. In case of failure on the part of provisionally registered suppliers / firms not to submit the required documents or complete other required formalities for its formal registration, then suppliers / firms will not be allowed to participate in future tenders.
- 18. <u>Liaison Office (in Pakistan)</u>. All the foreign firms, which are neither registered with HIT nor represented by a local agent, may establish a liaison office in Pakistan and get it registered with the HIT. Liaison office will only be registered for a valid and ongoing contract for the ease of correspondence, better interaction, coordination and for smooth execution of already awarded contract.
- 19. **Disqualification**. Offers are liable to rejection, if:
 - a. Offer is made through Fax / Email / Cable / Telex.
 - Received later than appointed / fixed date and time or contradicting tobinding terms;
 or
 - c. Not agreeing to the **MANDATORY CONDITIONS** of this ITB.
 - d. Offers are found conditional or incomplete in any respect.
 - e. Postal order as per para 5d above is NOT attached with the offer.
 - f. **Section B** and **Section C** duly signed and stamped by authorized signatory are NOT received with the offers.
 - g. Manufacturer's relevant brochures and technical details on major equipment assemblies are NOT attached in support of specifications; or
 - h. If the Agency Agreement is expired (for agent firms only) provided that OEMconfirms on its letter head that it is under process and being issued to the same agent firm within a specified timeframe before signing of the contract. Also see relevant clauses of the DPP&I-35 dealing with the registration of an agent firm and the Agency Agreement.
 - i. Bid Security NOT mentioned in the Technical Proposal.
 - j. If validity of offer is NOT quoted as specified in para-3 above or made subject to confirmation later.
 - k. Tender specifications / requirement not conforming in general (except **MANDATORY CONDITION**) which have to be agreed.

- I. Multiple offers.
- m. There is any deviation from General /Special / Technical Instructions provided.
- n. Offers (Financial / Technical) containing non-initialed / unauthenticatedamendments / corrections / overwriting.
- o. All applicable taxes and duties, freight / transportation and insurance charges (in case of C&F / CIF / CIP etc) are NOT indicated separately as per required price breakdown mentioned at **Annexure C** to **Section B**.
- p. Multiple rates are quoted against one item.
- q. The Financial Proposal against FOB / CIF tender quoted in local currency.
- r. If offer is found to be based on cartel action in connivance with other sources / participants of the tender.
- s. In case breakup cost / conditions of offer are not as per IT conditions (referto **Annexure C** to **Section B**).
- t. If OEM and Principal's names and complete addresses are not mentioned.
- u. Authorization from the OEM to the agent to sign the contract on his behalf (for agent firms only).

Official Secret Act / Non-Disclosure Agreement

20. All matters connected with this enquiry and subsequent actions arising there from come within the scope of the Official Secret Act, 1923. The firms are requested to ensure complete secrecy regarding the documents and the stores concerned with the enquiry and to limit the number of employees having access to this information. The bidder / supplier will sign Non-Disclosure Agreement as per format at **Annexure D** to this ITB.

Redressal of Grievances

21. Any bidder feeling aggrieved by any act of this Procuring Agency after submission of bid and prior to the award of contract may lodge a written complaint to the Grievances Redressal Committee (GRC) constituted by the Procuring Agency under Rule-48 of PPRA -2004. Composition and procedure of the GRC is as under:-

a. **Composition**

- (1) **President**. Director Technical (Dir Tech)
- (2) Members
 - (a) Member Finance (MF)
 - (b) Director Procurement (Dir Proc)
 - (c) MD Gun factory

b. **Procedure**

- (1) Bidder may lodge a written complaint addressed to (Director Procurement) not later than fifteen days after the announcement of bid evaluation report under **Rule 35 of PPRA 2021**. Complaint received 15 days after the announcement of Bid Evaluation Report will not be entertained.
- (2) Decision of GRC shall be intimated to the complainant within 15 days of filing the written complaint.
- (3) Decisions of the GRC shall be binding on all the parties.
- (4) Bidders lodging an appeal must be clear that act of lodging a complaint shall not warrant suspension of procurement process.

- (5) Firm having mala fide intentions of undermining the procurement process by lodging a complaint shall be liable to disciplinary action.
- (6) Firms will highlight specific grievance in the complaint to be addressed and will avoid unnecessary blame game.
- (7) Complaint must be personally signed by the authorized signatory and must be delivered through registered mail on the address mentioned in this document.

Miscellaneous

22. Address for submission of Bids and lodging complaints to the GRC is asunder:-

a. Submission of Bid:-

Lieutenant Colonel Rizwan Haider Assistant Director (Procurement) Gate No 5 (Tender Document) Heavy Industries Taxila, Taxila Cantt Tel: (051) 9315333 Ext 63215

Fax: (051) 9315029

E-Mail: dirprocdte@hit.gov.pk

b. Lodging complaints:-

Brigadier Muhammad Khalid Hayat
Director (Procurement)
Heavy Industries Taxila, Taxila Cantt

Tel: (051) 9315333 Ext 63211

Fax: (051) 9315029

E-Mail: dirprocdte@hit.gov.pk

<u>PART – I</u> <u>BID DATA SHEET (BDS)</u>

(FIRMS WILL SUBMIT BDS DULY SIGNED AND STAMPED WITH TECHNICAL PROPOSAL)

IT No:	Bid No. 5126/RT-3017/2023-24/FOB/GF/Proc dated 8 January 2024
Procuring Agency:	Procurement Directorate, Heavy Industries Taxila, Taxila Cantt
Description of Stores:	Refurbishment of Mechanical Autofrettage

Gen	<u>eral</u>		Firm's Response
1.	Description and quantity of stores:	As per "Schedule of Requirement" at Annexure A.	
2.	Delivery Period:	8 months after signing of contract	
		[In case it is not possible to deliver goods by given date, the Supplier shall indicate DP by which store can be delivered].	
3.	Destination (consignee):	GF, HIT Taxila	
4.	Ineligible countries	India and Israel	
5.	Eligibility of bidders	Bidder will render a certificate as per format at Annexure E that the firm is neither defaulter / blacklisted by anyGovernment Organization directly or indirectly nor any investigation / interrogation was ever carried out againstthe firm by any Pakistani or overseas intelligence /investigation agency; and the firm is fully eligible as per the DPP&I-35 (Revised 2019) to offer bid.	
6.	Criteria for price quotation	See Price Schedule (Financial Proposal) at Annexure C	
Stat	us of Registrations		
7.	Registered Firms	Bidders will attach attested a copy of "Registration Letter" and the valid Agency / Dealership / Distributor Agreement of the OEM, where applicable.	
8.	Unregistered Firms	Unregistered bidders will attach attested a copy of valid Agency / Dealership / Distributor Agreement of the OEM, where applicable, as well as the latest edition of forms SVA-8121 as well as SVA-8121A in case of local firms and forms SVA-8124 as well as SVA-8124A in case of foreign firms.	
Bido	ding Documents		
9.	Bid validity period	180 days after opening of Financial proposal	
10.	Copies of RT documents to be submitted	One original along with one copy of technical bid	

11.	Submission of offer	Propose and Co	shall submit offers in 2 x separasal envelope containing muted be commercial Proposalenvelope contest Money envelope, both dupe.			
12.	Technical proposal	/ Earne C duly Agreer	echnical Proposal" shall include nest Money; complete documents as completed, signed and stamped on ment or Manufacturing Certificat re, ATP, sketches, brochure, proposition			
13.	Bid Security / Earnest Money	Annex (where opened then the	vill provide Bid Security / Earne ure F respectively. After accepta applicable), the Bid Security / Earnest la Financial Proposal will be opest Money is not found as persal will be returned un-opened.			
14.	Changes in bidding documents	After of address nomen accept	pening of technical offer, no reques s, model, conditions, specification clature, quantity, A/U, banking do else legal action will be initiat sting of firm along-with its managen			
15.	Evaluation Criteria (detail scoring mentioned at	Ser	Description	Maximum Points	Passing Marks	
	Annexure B")	a Pe	rformance Evaluation	1 011113	Warks	
	,	(1)	Financial Soundness	15	7.5	
		(2)	Past Experience / Record	15	7.5	
		(3)	•	20	10	
			Sub Total	50	25	
		b. Te	chnical Evaluation			
		(1)	Technical Evaluation Parameters	50	35	
			Total	100	60	
Cont	ractual Aspects and Life Cycle Sup	port				
16.	Terms and Conditions of the	See Pa	art II to Section – B.			

	contract		
17.	Technical specifications	See Part III to Section - B . Firm is to clearly endorse on the Technical Proposal that all IT specifications as per Annexure G are confirmed.	
18.	Details of samples to be submitted withbids, if required	[specify form of sample or give reference to the Technical Specifications]	
19.	Spare parts required	[specify number of years] of years of operation].	
20.	Spare parts and after sales service facilities in Pakistan	[the procuring agency to specify minimum servicefacilities and parts inventories required or give reference of the details if included in the Technical Specifications]	
21.	Purchaser's Right (MANDATORY CONDITION)	Government of Pakistan (represented) by Heavy Industries Taxila does not pledge himself to accept the lowest or any tender and reserves the right of accepting the wholeor any part of the quantity offered. Please be notified that the tender does not constitute any obligation or commitments what-so-ever on the part of the Government of Pakistan to negotiate or conclude any or part thereof of the contract under any terms or conditions irrespective of the cost, lowest cost or any gradation of the cost. Government of Pakistan reserves the right to cancel the indent, tender or inquiry or to reject any offer or quotation without assigning grounds for its rejection.	
Awar	d of Contract		
22.	Percentage of increase and decrease atthe time of the award of contract	15% increase / decrease in quantities of stores at the time of signing of contract.	
23.	Additional requirement of stores after signing of contract	In case of additional requirement of the contracted item(s) in any quantity(s) within 12 x months from the date of signing the contract, these will be completely supplied on discounted rates but not exceeding the ongoing contract rates. The rates offered, however, shall not be increased for at least 24 x months from the effective date of contract.	

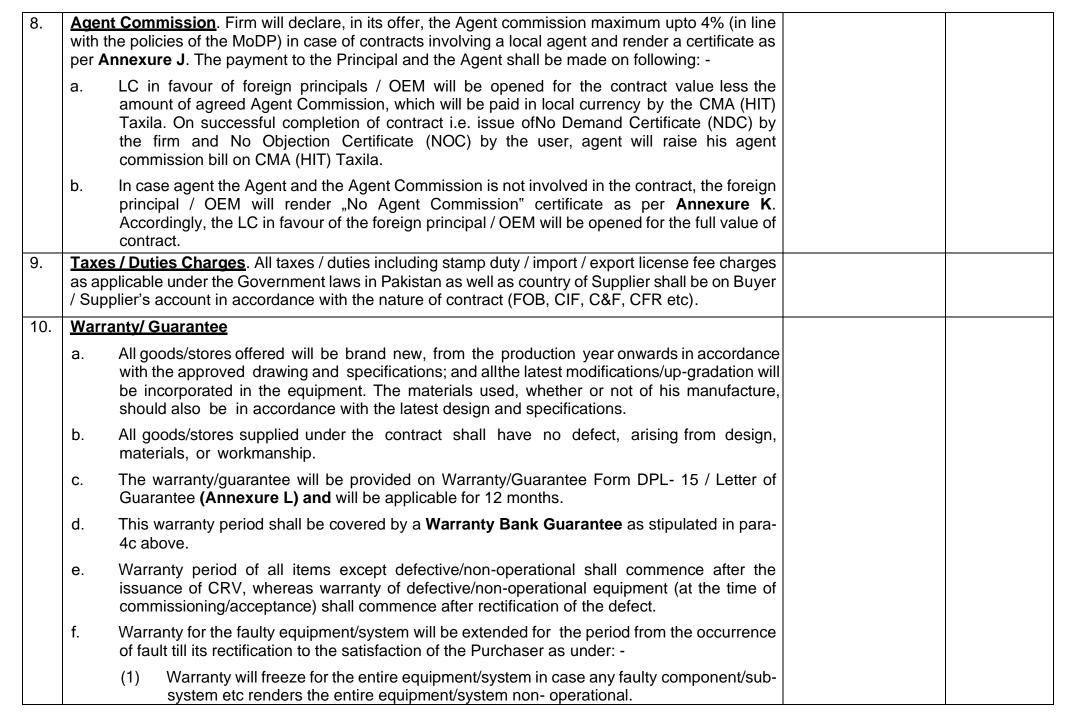
PART-II

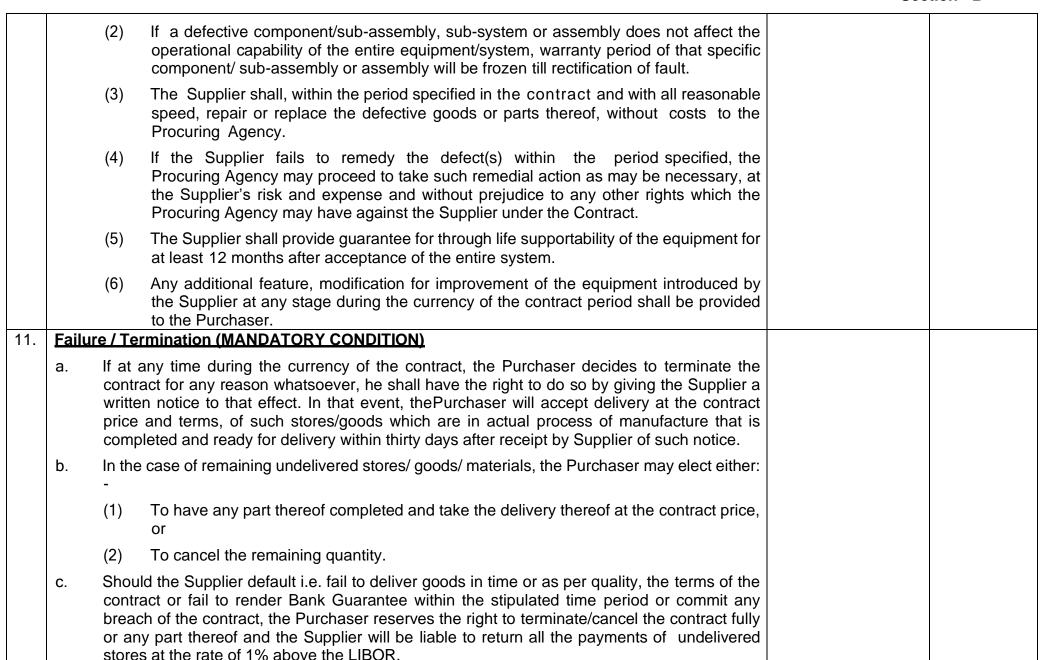
TERMS AND CONDITIONS GOVERNING THE CONTRACT (LEGAL AND ADMINISTRATIVE)

<u>Caution</u>. You may say "Complied / Not Complied" to conditions / clauses mentioned in the succeeding Part-II & III of this Section - B and tick therelevant check box ☑ given after each condition, except for the MANDATORY CONDITIONS. In case of disagreement, suggest option / alternative course for consideration by this office but it will not be binding on this office to accept the same.

Ser	Clause	Firm's Reply (Complied / Not- Complied / Partially Complied)	Firm's Reply / Remarks
	Delivery Schedule . Total duration of contract will be 8 months after signing of contract and percentage of payment will be linked with the value of deliverables against completion of respective milestones. Exact details of each milestone along with corresponding activities and delivery schedule are to be provided as per Annexure A (Schedule of Requirement and Delivery) and mutually finalized during contract negotiations.		
2.	Terms of Payment 2.1 Payment will be made through letter of credit established by nominated bank. 2.2 Payment Terms 70% on shipping documents and 30% on CRC. Partial shipment and partial payment may be Not allowed. 2.3 Shipment Documents. 70% payment of the invoiced FOB value plus full amount of Sea Freight charges (where applicable) on presentation of following shipping documents will be made against stores to be delivered: (1) Original Air Way Bill or Original Bill of Lading (signed copy) - 3 x copies (2) Non-negotiable Bill of Lading - 3 x copies (3) Commercial Invoice - 3 x copies (4) Packing List - 3 x copies (5) Inspection Note by PSI team - 3 x copies		
3.	<u>Payment to the Principal and Agent</u> . Cost of 100% stores will be paid to the Principal through LC in accordance with the milestones mentioned above; however, maximum upto 4% Agent Commission will be paid in Pakistan Currency by CMA (HIT) to the agent as per the Agent Commission Clause.		

4.	Security Deposit / Bank Guarantee (BG). BG will be provided from the LC opening Bank or any scheduled Bank of the State Bank of Pakistan on judicial stamped paper / e-stamp paper worth Rs 100.00 in favour of CMA (HITTaxila. Provision of following unconditional and irrevocable BGs is a
	a. Advance Bank Guarantee (if any). ABG, if any, equivalent to the amount of the advance payment (maximum upto 20% of the contract value) will be provided by the supplier within 30 days after signing of contract. The ABG will be enforceable from the date of issuance and remain valid for 60 x days beyond the CRV of the last CRC. Format of ABG is at Annexure H.
	b. Performance Bank Guarantee (PBG). PBG equivalent to 10 % of the contract value will be provided by the supplier along with the signed copy of the contract. The PBG will remain valid for a period of 12 months from the date of clearance of last Consignee Receipt Certificate (CRC) by the consignee. Format of PBG is at Annexure I.
	c. Warranty Bank Guarantee (WBG). WBG equivalent to 10 % of the contract value will be provided 30 x days before the expiry of the delivery period. Return of PBG will be contingent upon submission of WBG. WBG will remain valid for upto 60 xdays beyond the warranty period of the last lot. Format of WBG is at Annexure I. Note: Procuring Agency may retain PBG as WBG.
5.	Insurance. The insurance premium in case of FOB / FCA contract only involving insurance cover shall be on the Purchaser's account paid in actual Pakistan currency by CMA (HIT) Taxila to the National Insurance Company Limited, Islamabad, Pakistan.
6.	Exchange Rate. For all payments in currencies other than US dollars, the rate of exchange shall be the selling rate, prevailing on the date of the release of the payment, as notified by the State of Pakistan on that day.
7.	Letter of Credit (LC) Charges. LC opening, advising, conformation/ amendment and additional charges in Pakistan and the Supplier's country are to be borne by the Supplier. Bank charges for any subsequent amendment of the LC shall be borne by the party held responsible for it. LC shall be valid until six months after the delivery of the last equipment or completion of the last service whichever is later.





12. **Force Majeure** The Parties (purchaser and supplier) will not be held responsible for any delay (e.g. delay in a. delivery of stores, delay in due payments etc) occurring in execution of the contract due to event of force majeure such as acts of God, War, Riots, Civil Commotion, Lockouts, Act of Foreign Government and itsagencies and disturbance directly affecting the parties and events or circumstances on which the parties has no control. In such an event occurring at the supplier's end, the supplier shall inform the purchaser within 15 days of the happening and within the same timeframe about the discontinuation of such circumstances/happening in writing. Non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin or any third party license and exchange rate fluctuations after signing of the contract shall not constitute force majeure. Where the case of force majeure causes delay in the delivery of respective stores, and/or b. services or any other delivery and should such delay exceed a period of 6 (six) months, only purchaser shall have the right to terminate the contract. In case of termination by the buyer, the supplier shall deliver the items which, as of the effective date of termination, have been finished or items which are on the production line and are due to be completed within a specific timelineto be rendered by Supplier in writing. Any of the above-mentioned event or pandemic etc already occurring before the signing of the C. contract will not be considered as force majeure. Liquidated Damages / Late Delivery (LD). In the event of delay for more than 21 days in delivery 13. of any task as per contract at Supplier's fault, the Supplier shall inform the purchaser before expiry of such delivery/completion period giving reasons/justification for it. The purchaser shall have the right to take following actions:-Cancel or terminate the contract as per the termination clause of this IT and purchase a. undelivered stores from elsewhere at the risk and expense of the Supplier, and/or. If the Purchaser agrees with the justification of delay provided by the Supplier, the Purchaser b. may extend the delivery period without imposing the LD charges. Such extensions will only be limited to two times. Third extension will be withLD. LD will be imposed when the Competent Purchase Officer is satisfied that the failure to supply C. the stores or complete the task within the scheduled delivery/ completion period has been for reasons within the control of the Supplier, and/or if the government has suffered loss for reasons of belated delivery. These LDs, if imposed, will be recovered upto maximum of 2% but not less than 1% (depending on the merit of the case as decided by Procuring agency) of

the value of stores/supplied/ completed late per month or a part of a month for the period

	exceeding the original delivery/completion period, subject to the provision that the total LDs thus imposed will not exceed 10% of the total value of the late delivered stores and services etc.	
	d. The purchaser's decision under this clause shall NOT be subjected to arbitration.	
	<u>Note:</u> SOP on imposition of LD charges is available at HIT website (https://hit.gov.pk/tender/upload/tenders/Final_SOP_of_LD_charges_v1.10_by_Dir_Proc_final_app roved.pdf).	
14.		
	responsible to obtain from the Government(s) concerned all the permits and the export licenses etc,	
	required to enable each consignment to be shipped immediately as per the delivery schedule. In case the Supplier fails to arrange export license(s) within 45 days of the issuance of End User Certificate	
	(EUC), the purchaser reserves the right to cancel the contract with imposition of suitable penalty	
	on the Supplier as per "Penalty Clause", without prior notice. The purchaser shall provide EUC (if	
	asked for in the tender) to the Supplier within 30 days of receipt of written request from the Supplier,	
	for the purposes of getting the export license/permit. Supplier will initiate such request within 15 days of the signing of the contract. However, Purchaser will not be responsible to arrange export	
	license(s)/permit(s) on behalf of the Supplier for the export of the contracted goods/stores. The format	
	of the EUC (if any) should be provided by the Supplier (as Annex/Appendix) with the bid for	
	incorporating in the contract. Else, the EUC will be issued on standard format(s) held with HIT, unless	
15.	a tailor made EUC is provided by the Supplier's Government. Penalty. The Purchaser will have the right to impose penalty of 10-15% of the contract value in	
10.	addition to the LD charges (in case of late delivery as per LD clause) in case the Supplier fails to complete the contract clauses in time as under: -	
	a. Supplier fails to obtain export licenses from its own government or any third party or the contract has become idle.	
	b. In case the equipment does not meet the design parameters as defined in the contract or not	
	pass the test/trials (FAT/PSI, PoSI/SAT etc) conducted by the Purchaser for consecutive two	
	times, to ensure that the same has been manufactured as per specifications. In such case, the penalty will be 10-15% of the value of the relevant equipment/ items; and the Purchaser	
	will also have the right to out rightly reject the equipment.	
	c. The penalty shall not absolve the Supplier to undertake the repairs in Pakistanor abroad at	
	his cost and expense including freight charges. This shall be in addition to the penalties and	
16	obligations covered in the contract like warranty/ guarantee obligations on Form DPL-15.	
16.	Offset / Transfer of Technology (ToT). The Supplier will offer offset / ToT, as per the policy of the Government of Pakistan, equivalent to 20-40% of the contract value and submit with	
	the Technical Proposal for prior approval by the technical authority. The same will be made part of	

	the contract or a sub-contract covering the offset / ToT will be signed subsequently with this Directorate. The ToT/Offset offered by the OEM in its Technical or Commercial Offer should not be subjected to the approval of						
17.	Effective Date of Contract (EDC) (MANDATORY CONDITION). EDC will preferably be established as date of signing of the contract. However, can be altered through mutual understanding between supplier and purchaser.						
18.	Surviving Obligations. All terms which, either by implication or expressly, survive the expiry of this contract, shall survive and in particular termination, intellectual propertyrights, secrecy, export control (if any); notices; applicable law and arbitration.						
19.	Risk and Expense. In the event of failure on the part of the Supplier to comply withthe contractual obligation, the contract shall be cancelled at the risk and expenses of Supplier.						
20.	<u>Transfer of Title and Risk</u> . Risk of the loss and damage to the equipment shall be transferred to the Purchaser in accordance with the "INCOTERM 2020" used in the contract. Title to the equipment shall be transferred to the Purchaser when the Supplier has received full payment of the contract price.						
21.	Technical Assistance. The Supplier shall be responsible for successful Setting-to- Work, commissioning and tests/trials of the system on-site in Pakistan. The technical assistance by the Supplier during warranty period shall be free of cost and on request basis to the satisfaction of Purchaser.						
22.	a. The invalidity or unenforceability of any term or condition of the contract shallnot affect the validity or enforceability of the remaining terms and conditions. These shall remain in full force and effect and the contract shall thereupon be interpreted and amended in compliance with the pertinent statutory terms and conditions to be mutually discussed between both the parties. Such discussions shall, as far as possible, ensure the defence needs/concerns of the Purchaser and commercial interest and intent of the Supplier in respect of the terms and conditions which are concerned. Provided that if the foregoing invalidity orunenforceability term and condition substantially alter the underlying intent of the contract or the invalid or unenforceable term or condition comprises an integral part of or is otherwise inseparable from the remainder of the contract, then the parties shall without further delay, meet to consult each other andreach agreement thereon.						
	b. Failure by either party at any time to enforce any of the provisions of the contract shall not be considered as a waiver by the party concerned of any such provision or in any way affect the validity of the contract or any part thereof or any other rights of either party. Such failure shall only inhibit the rights of the party concerned to claim the costs/expenses incurred or to impose Liquidated Damages (financial or otherwise) for defaults, in respect only of the said non-						

	enforced provisions.	
23.	Indemnity . In the framework of the implementation of this project, both the parties shall waive-off any claim against each other regarding every claim for indemnity for the losses caused to their respective personnel or respective personnel of agents and their properties. However, if these losses result from deliberate fault or unmistakable erroror gross negligence of the Supplier or his agents and/or the Purchaser, the party involved shall bear alone the burden of the damage repairs.	
24.	<u>Intellectual Property Rights</u> . Unless otherwise agreed in writing, all intellectual property rights arising out of this contract shall vest in the Supplier. The Purchaser shall have a worldwide, non-exclusive, non-transferable, royalty-free license to use, and have used, that intellectual property for any purpose.	
25.	 a. In case of FOB/FCA contracts, shipment will be made through Pakistan National Shipping Corporation (PNSC) vessel or Pakistan International Airlines (PIA) on Purchaser's account. Details to be incorporated in the contract. b. In case of CIF contracts, supplier will arrange the shipment after successful Pre-Shipment Inspection (PSI) by the purchaser and on the firm's warranty and the store will be preferably shipped using the services of PNSC/PIAC. In case of non-availability of Pakistan National Carriers, shipment can be arranged through foreign flag carrier of eligible countries as per the rules and policies of the Government of Pakistan. However, shipment on foreign vessels shall not involve transshipment. 	
26.	Subletting . Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per Purchaser's right and discretion.	
27.	Arbitration. Disputes (if any) shall be ultimately settled in compliance with the laws of Pakistan.	
28.	Applicable Law. Disputes and Arbitration. Parties shall make their attempt that all disputes arising under this contract shall be resolved through mutual negotiation of both parties. In the event that either party shall perceive such mutual negotiation to be making insufficient progress towards settlement of dispute(s) at any time, then such party may by written notice to the other party refer the dispute(s) to final and binding arbitration as provided below: a. The dispute shall be referred for adjudication to two arbitrators one be nominated by each party who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree a judge of the Superior Court shall be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistan Law. For	

	complaints or disputes post-contract award, arbitration proceedings will be conducted under the Arbitration Act of 1940.						
	The venue of arbitration shall be the place from which the contract is issued or such other						
	places as the Purchaser at his discretion may determine.						
	c. The arbitration award shall be final.						
	d. In the course of arbitration, the contract shall be continuously executed exceptthat part						
	which is under arbitration.						
	e. All proceedings under this clause shall be conducted in English language and in writing.						
29.	Purchaser's Right (MANDATORY CONDITION). The purchaser reserves the right of deletion,						
	addition, and cancellation of the contract in part or full without assigning any reason whatsoever and						
	without financial repercussion on either side within 21 days after signing of the contract. Such						
	information will be passed to the supplier on his						
	legal address by the Purchaser through the fastest possible means i.e Telephone, Fax,Telex, Cable						
	and Telegram etc.						
30.	Secrecy. The Supplier(s) shall undertake that any information about the sale/purchase of stores						
	under this contract shall not be communicated to any person, other than the manufacturer of the						
	stores, or to any press or agency not authorized by HIT, to receive it. Any breach on this account						
	will be punishable under the Administrative Actions (Official Secret Act 1923) as per the Government						
	of Pakistan in addition to termination of the contract with imposition of penalty upto 100% of the						
	contract value on the supplier. A Non-Disclosure Agreement (attached at Annexure D) will be incorporated in the contract in this regard. This clause will not be subjected to arbitration.						
31.	Provision of Rate Running Contract (MANDATORY CONDITION). The Seller shall provide surety Not Applicable						
31.	for continued provisioning of spares for minimum 15 x years through formal conclusion of Rate						
	Running Contract (RRC)/Service Level Agreement (SLA) for continued provisioning of spares/						
	technical support from OEM.						
32.	Spare Supportability and Transfer of Technology. The Supplier may be required to provide any						
	or all of the following materials, notifications, and information pertaining to spare parts						
	manufactured or distributed by the Supplier: -						
	a. Such spare parts as the Procuring Agency may elect to purchase from the Supplier, provided						
	that this election shall not relieve the Supplier of any warranty obligations under the Contract;						
	and						
	b. In the event of termination of production of the spare parts: advance notification to the						
	Procuring Agency of pending termination, in sufficient time to permit the Procuring Agency						
	to procure needed requirements; and						
	c. Following such termination, furnishing at no cost to the Procuring Agency, the blueprints,						
	drawings, and specifications of the spare parts, if requested.						
L							

33.	shall be processed in writing and made with mutual agreement/consent ofboth the parties.						
34.	Buy Back	Clause. Buy back clause for inactive spares will be included in the contract as under: -					
	the	e spares/GSE/special tools/tools remain unused/new after two years of arrival in Pakistan, Supplier/Seller will buy back these items at the prevalent international price list of the plier/Seller.					
	b. The	cost of transportation/freight and other allied charges will be borne by the Supplier/Seller.					
		int team of the Purchaser's and the Seller's representatives will determine the condition of spares/tools /GSE for buy back.					
	sign day The stores date of sigr charges at	lists of stores decided by both the parties for buy back by the firm will be prepared and ed by both the parties, and the firm will ensure payment of stores within 30 days from the of signing the list of stores for buy back. agreed by both parties for buy back, will be lifted by the firm within60 days from the natures of joint inspection. In case of failure of the Supplier/Seller to comply, storage the rate of 1% of the value of stores will be paid by the firm. Total storage charges not to % of the value of stores under buy back.					
35.	Project Ma venue(s) to transportati	anagement Review (PMR) Meetings. The firm must offer the PMR(s) along with ensure smooth execution of the contract. All expenditures regarding boarding/lodging, ion including international tickets, visa charges and health care etc for PMR meetings team he by the firm.	Not Applicable				
36.	duly signed	c Clause (MANDATORY CONDITION). The Seller has to provide a disclosure certificate, d, along with technical and commercial proposals asper prescribed format at Annex-L, consequently form part of the contract.					
37.	not conduct of reimburs alternative	ation. If the activities which are on Supplier's account i.e. conduct of PMR, PSIs etc, are sted due to any reason, the Supplier shall be liable to compensate the Purchaser in terms sement of the cost into government treasury or offer additional spares / support or such as proposed by the Purchaser.					
38.	Supply Cha	gainst Supply Chain Attacks on Army Cyber System. In order to safeguard against ain Attacks on the Pakistan Army Cyber System, the Supplier(s) shall undertake following:					
	GSF testi	Compliance. The contractor will render a certificate for EMC compliances, as per the military/ international commercial standards included in the GSR from accredited EMC ing national/ international lab, failing which the Purchaser will have the right to impose alties as per the policies and rules of the GoP. This may also lead towards cancellation of					

		the contract agreement and blacklisting of the firm.	
	b.	Hardware/ Software Vulnerability. The contractor will ensure that supplied hardware/software does not contain back door advance persistent threat/logic bomb or any cyber security vulnerability causing this equipment to be compromised / used for data threat. In case of failure, the Purchaser will havethe right to cancel the contract agreement at any stage, blacklist the firm/contractor, impose financial penalty amounting to not less than 5% of the total cost of contract in addition to non-payment for inappropriate equipment.	
	C.	<u>Country of Origin</u> . The contractor will ensure that any equipment/ component of Indian, Israeli origin is not delivered, failing which the Purchaser will have the right to cancel the contract agreement at any stage, blacklist the firm/contractor, impose financial penalty amounting to not less than 5% of total cost of contract in addition to non-payment for inappropriate equipment.	
39.	Work	manship and Materials	
	a.	All work to be done shall be executed in the manner set out in the Contract. Where the manner of manufacture and execution is not set out in the Contract, the work shall be executed in a proper and workmanlike manner in accordance with the recognized good practice. The Supplier shall submit for the approval of the purchaser, his detailed method statement(s) for the execution of such items of work as may be desired by the Purchaser. Approval of such method statement(s) shall neither relieve the Supplier of his responsibilities under the Contract nor form any basis for claiming additional costs. The Supplier shall give the Purchaser full opportunity to examine, measure and test any work onboard/ Site which is about to be covered up or put out of view. The Supplier shall give due	
		notice to the Purchaser whenever such work is ready for examination, measurement or testing. The Purchaser shall then, unless he notifies the Supplier that he considers it unnecessary, without unreasonable delay carry out the examination, measurement, or testing.	

PART – III

TERMS AND CONDITIONS GOVERNING THE CONTRACT (TECHNICAL CONDITIONS / SPECIFICATIONS)

Ser	Clause	Firm's Reply (Complied/ Not- Complied/ Partially Complied)	Firm's Reply /Remarks
1.	Technical Specifications		
	a. The store/equipment should conform to the specification/service requirements and technical data/drawing (if applicable) as per Annexure G . Offer not conforming to the required services/specification or multi-offers will be rejected. Supplier shall further undertake to provide all the contracted services/stores/ goods as per the requirements/specification.		
	b. All stores/items/goods delivered should be brand new, from the current production year, conforming to the Purchaser specifications/ satisfaction. The supplier will provide all the OEM certificates, quality certification/inspection documents to the Purchaser confirming the quality of the products being supplied under this contract. Stores must bear the manufacturer's identification marking/monogram.		
2.	Inspection/Testing of Store		
	a. Inspection/testing will be carried out as per terms and conditions of the contract by an inspecting team/inspector as detailed by the inspecting authority on behalf of the Purchaser in accordance with the laid down Acceptance Criteria/Acceptance Test Procedure (ATPs)/ drawings/test standards and specifications . The Supplier will provide on his expenses to the inspection team/inspector, the required testing equipment/facilities.		
	b. The Supplier will provide ATPs at the time of contract negotiations. Buyer will forward observations (if any) on the ATPs within one week to the Supplier. The ATPs will be mutually discussed between both the parties at the Purchaser's country and will be finalized before signing of the contract. Mutually agreed/approved ATPs will form part of the contract to govern theinspection of stores subsequently. Supplier while submitting offer is responsible to satisfy itself on this account.		
	c. All expenditures on account of inspection/testing of stores shall be on the Supplier's account.		

				1	
	d.	The Procuring Agency or its representative shall have the right to inspect and/or to test the defence equipment/stores to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. The Technical Specifications shall specify the inspections and tests.			
	e.	The inspections and tests may be conducted on the premises of the Supplier, at the point of delivery, and/or at the goods' final destination. If conducted at the premises of the Supplier, all reasonablefacilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Agency.			
	f.	Should any inspected or tested goods fail to conform to the specifications, the Procuring Agency may reject the goods, and the Supplier shall replace the rejected goods to meet the specification requirements free of cost to the Procuring Agency.			
	g.	The Procuring Agency's right to inspect, test and, where necessary, reject goods after the goods' arrival in the Procuring Agency's country shall in no way be limited or eared by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the goods" shipment from the country of origin.			
3.	will l	nge in Specification/Manufacturer/Model. No alteration in make/brand and quality of stores be entertained after opening of Bids. To the contrary, any change/improvement will require roval of the technical authority/ user.			
4.	supp two Sup	hnical Documentation/ Manuals. Technical documents/ publications and manuals will be blied free of cost by the Supplier unless otherwise stated in the contract. Supplier will also provide copies of the compact discs and handmade drawings/blueprints, wherever applicable. The plier will provide three sets of following documents free of cost for technical scrutiny of the officer applicable): - Technical literature of each item. Manufacturer's specifications / technical data / drawings and packing details etc of each item. Acceptance Test Procedure / Acceptance criteria of each item. Country of Origin of each item and port of shipment.			
5.	for a	rchangeability. A certificate of complete interchangeability must beendorsed on the quotation all substitutes / in lieu and superseded items. A copy of relevant page of publication must be ched to prove correctness of offered items.			
6.	Pre-Shipment Inspection (PSI). PSI will be carried out as per Annexure G by technical team ex HIT (3 x members) at the firm's premises against ATPs, GSR and Special Instructions of the contract. Duration of PSI will be 7 x working days. All expenses for international ticketing, visa charges, boarding/lodging, messing, transportation and health care will be borne by the firm.				

7.	<u>Post Shipment Inspection</u> . PoSI of equipment will be carried out by GF ex HIT in the presence of firm's representative for correctness / completeness, performance parameters any damages in the light of pre-shipment inspection report, term and conditions of the contract. Firm will provide Pre-Delivery Inspection (PDI) report with preservation done for safe transportation through ship and its de-processing to inspection team. On the basis of Post-Shipment Inspection relevant consignee will clear the CRV accordingly.	
8.	Checking of Store at Consignee End. All stores will be checked at Consignee's end in the presence of Supplier's representatives. If for the reasons deconomy, or any other reason, the Supplier decides not to nominate his representative for such checking, an advance written notice to this effect will be given by the Supplier to the consignee prior to or immediately on shipment ofthe stores. In such an event, the Supplier will clearly undertake that the decision of consignee with regard to quantities and description of a consignment will be taken as final and discrepancy found will be accordingly made up by the Supplier. In all other cases, the consignee will inform the Supplier about arrivalof consignment immediately on receipt of stores through registered mail or fax. If no response from the Supplier is received within 15 days from initiation of letter, the consignee will have the right to proceed with the checking without Supplier's representative. Consignee's report on checking of stores will be binding on the supplier in such cases.	
9.	Packing/Marking. The Supplier shall be responsible for proper packing of the stores in accordance with the relevant paper particulars under the conditionslaid down in the contract or other relevant instructions on the subject in standardexport packing worthy of transportation by sea/air/road/rail so as to ensure their contents being free from loss or damage due to faulty packing on arrival at the ultimate destination. Packing of stores will be done at the expense of the Supplier. All packing cases, containers and other packing material shall becomethe property of the State of Pakistan on receipt. Marking of packages/containers shall also be done by and at the expense of the Supplier in accordance with the instructions given by the Purchaser and as per UN Codification System. Failure to mark consignment in accordance with these instructions will render the store liable to rejection. Any loss occurred/ demurrage paid due to wrong marking will be made good by the Supplier. Further details of Packing/ Marking will be covered in the contract.	
10.	ILS / PWLS Package (MANDATORY CONDITION). ILS / PWLS package is mandatory and constitute 7% of the contracted value of system/ equipment being procured. The Seller must clearly understand the requirement of HIT (Technical Department / Projects) and offer complete ILS / PWLS package down to the depot-level repair and maintenance facility. ILS / PWLS offer provided by the Seller if accepted will form part of the main contract as one of the clauses. ILS Package is attached at per Annexure G	

Annexure A to Section - B

SCHEDULE OF REQUIREMENT AND DELIVERY

1. The delivery schedule expressed as weeks / months stipulates hereafter a delivery date which is the date of delivery at the consignees' end [or insert project site or another common place].

Ser	Nomenclature	Specifications	A/U	Qty	DP (months)
	Refurbishment of Mechanical Autofrettage	As per Appendix I to Annexure A	Nos	01	

Name of the Bidder:	
*[complete name of the Bide	
Name and signatures	
	**[complete name of the person authorized to sign the Bid on behalf of the Bidder]
Date:	

Annexure B to Section - B

EVALUATION CRITERIA

- 1. Details of criteria for each of the above categories are as under:
 - a. <u>Financial Soundness</u>. Following parameters will be used in qualification criteria: -

Ser	Description	Max Points	Explanation for Marks Obtained	Remarks
(1)	Annual turnover of last 3 x Financial Years	5	Marks will be calculated as per the formula: - Score = (Y1+Y2+Y3) * 5 (3 * X) Y1,Y2,Y3 respective annual turnovers of last three years X= Last purchased rate / estimated value of the quoted items available with HIT.	• Third Party generated verifiable audit reports for last three financial years to be provided for minimum of upto Rs 5 Mn (in FOR Case)
(2)	Working Capital of last three years	10	Marks will be calculated as per the formula: - Score = (Y1+Y2+Y3) * 10 (3 * X) • Y1, Y2 and Y3 being respective working capitals of last three years. • X= Last Purchase Rate / Estimated value of the quoted items Available with HIT.	and US\$ (0.05) Mn in FOB case • Else Income Tax returns for last 3 x financial years, fully verified by ITO of the circle.
(3)	Litigation history where decision went against the firm	-	One mark will be deducted for each litigation history, if any, where decision went against the firm	Affidavit on judicial stamp paper
	Total	15		

b. Past Experience / Past Record

Ser	Description	Max	Explanation for Marks Obtained
	•	Points	-
(1)	Projects of similar nature and complexity of last Three / five years. FOB – 5 year FOR – 3 year	10	FOR:- 3 years (1.3 mark per contract Max 3.3 marks per year) FOB: - 5 years (1 mark per contract Max 2 marks per year)
(2)	Status of enlistment with Govt Org (Attested copies of Registration certificate to be enclosed)	5	Full marks will be given on provision of at least 1 x Registration certificate Non Registered firms will be awarded 2.5 gratis Marks
	Total	15	

c. Past Performance. Credit marks for past performance shall be awarded on the basis of following criteria

29

29				
Ser	Description	Max Points	Maximum Points	
(1)	Contracted store supplied beyond DP in last 3 years	2.5	X1 = Total value of last 3 years' contracts. X2 = Total value of last 3 years' contracts completed within DP first go. Formula: Score= $\frac{X2}{X1}$ * 2.5	
(2)	Quantum of rejections of items in the last 3 years contracts	2.5	X1 = Total value of last 3 years contracts. X2 = Total value of the passed items in first go in the last 3 years' contracts. Formula: Score= X2 * 2.5 X1	
(3)	Timely provision of documents/ bank guarantees / bid security money	2.5	X1 = Total no of contracts concluded in last 3 years. X2 = Total number of timely provided bank guarantees/ bid securities against the total no of contracts in last 3 years. Formula: Score= X2 * 2.5	
(4)	No of contracts / items still pending beyond DP	5	1 x mark would be deducted for each contract in hand, which is pending beyond DP over 2 months	
(5)	Risk and Expense action against firm approved	2.5	0.5 x marks will be deducted against each Risk and Expense action approved	
(6)	Response to HIT Procurement queries /problems	20	½ x mark will be deducted for each advice letter issued to the firm1 x mark will be deducted for each warning letter issued to the firm	
	ıvlai	20		

d. **Project Technical Evaluation Parameters**

(1) For FOR Manufacturing Contracts

Ser	Description	Max	Remarks
Sei	Description	Points	Remarks
(1)	Availability of in house manufacturing facilities / Quality Assurance facilities	15	Copy of document which shows that facilities of manufacturing / Quality assurance facilities availability be provided
(2)	Availability / Quality of Engineer / Technician with the vendor be listed	10	Engineers / Technicians > 10 full marks Engineers / Technicians < 10 marks will be subsequently reduced
(3)	Availability of manufacturing ASTM standards with vendor	5	
(4)	Experience of development of similar nature of items	5	Firm developing the similar items before; copy of contract / supply order be provided
(5)	Reliability of manufacturing similar items	5	Reliability certificate be provided
(6)	Commitment to provide TDP / Manufacturing processes to HIT	5	
(7)	OEM / ISO/ other certificates with vendor	5	
	Total	50	

For FOR Supplier

	Опррпет	1	
Ser	Description	Max Points	Remarks
(1)	Availability of ware houses with the firms	10	List of ware houses to be provided
(2)	Source of local or imported items	10	Source of manufacturer / OEM be provided
(3)	Experience in supply of military parts.	10	Copy of contracts / supply order against military parts supplied by the firm.
(4)	Reliability of manufacturing similar items.	5	Reliability certificate be provided.
(5)	Commitment to bring test report from reputed lab, if required.	5	
(6)	Commitment to provide timely advance sample, if required by HIT.	5	
(7)	Commitment to honour timely warrantee replacement.	5	
	Total	50	

(3) For FOB Supplier

Ser	Description	Max Points	Remarks
(a)	 Country of origin of equipment Western European / US origin or equivalent 5 East European / Chinese origin / local made or equivalent - 3 	5	
(b)	Compliance to manufacture standard ANSI / ASTM / OSHA / EU std -10 GB / Equivalents - 5	10	
(c)	Conformance to specifications with details 100% - 80%	10	
(d)	Ease of operations /Reliability /Robustness of equipment	5	
(e)	Provision of IBS spares – Reserve spares	5	
(f)	Provision of necessary literature – installation / operation / maintenance manual	5	
(g)	Provision of additional features / OEM inspection criteria	5	
(h)	Provision of safety features	5	
	Total	50	

Annexure C to Section - B

FINANCIAL PROPOSAL SCHEDULE OF PRICE - SUMMARY

Description of Stores

Ser	Description of Storesand Specification Services/ Documents	A/U	Qty	PricePer Unit (Rs)	Total Price (Rs)
a.					

1			/			
ı	Incl	liieiv	$I \triangle I \models V$	/Clu	ısive:	
1		เนอเง	/ 5/ 6/	NOIU	เอเงษ.	

Sales Tax @	%
Surcharge @	%
Any Other Tax:	
Total Price	

Annexure D to Section - B

IT No. dated

NON DISCLOSURE AGREEMEN

1.	The	Recipient		Name	of	CEO/Director
		of	(Name of firm)			hereto desires
	to hav	e business interactions with	(Department/Sponsor)			
	for		(Purpose).			

During these interactions, the interacting department/sponsor (termed as disclosing party) may share certain proprietary information with the firm or its representative (termed as Recipient for the purpose of this agreement); therefore, in consideration of mutual promises and covenants contained in this Agreement, and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, We the recipient hereto agree as follows: -

a. **Definition of Confidential Information**

- (1) For the purposes of this Agreement, the "Confidential Information" means any data or information that is proprietary to the Disclosing Party and not generally known to the public, whether in tangible or intangible form, whenever and however disclosed, including, but not limited to: -
 - (a) Any marketing strategies, plans, financial information, or projections, operations, sales estimates, business plans and performance results relating to the past, present or futurebusiness activities of such party, its affiliates, subsidiaries and affiliated companies.
 - (b) Plans for products or services, and customer or supplier lists.
 - (c) Any scientific or technical information, invention, design, process, procedure, formula, improvement, technology or method.
 - (d) Any concepts, reports, data know-how, work-in-progress, designs, development tools, specifications, computer software, source code, object code, flow charts, databases, inventions, information and trade secrets.
 - (e) Any other information that should reasonably be recognized as confidential information of the Disclosing Party.
 - (f) Confidential Information need not be novel, unique, patentable, copyrightable or constitute a trade secret in order to be designated Confidential Information. The Receiving Party acknowledges that the Confidential Information is proprietary to the Disclosing Party, has been developed and obtained through great efforts by the Disclosing Party and that Disclosing Party regards all of its Confidential Informationas trade secrets.
- (2) Notwithstanding anything in the foregoing to the contrary, Confidential Information shall not include information which was known by the Receiving Party prior to receiving the ConfidentialInformation from the Disclosing Party.

- b. <u>Disclosure of Confidential Information</u>. From time to time, the Disclosing Party may disclose Confidential Information to the Receiving Party. The Receiving Party will: -
 - (1) Limit disclosure of any confidential Information to its directors, officers, employees, agents or representatives (collectively "Representatives") who have a need to know such Confidential Information in connection with the current or contemplated business relationship between the parties to which this Agreement relates, and only for that purpose, but not without the prior approval of the competent authority of disclosing party.
 - (2) Advise its representatives of the proprietary nature of the Confidential Information and of the obligations set forth in this Agreement and require such Representatives to keep the Confidential Information as confidential and shall keep all Confidential Information strictly confidential by using a reasonable degree of care, but not less than the degree of care used by it in safeguarding its own confidential information.
 - (3) Not disclose any Confidential Information received by it to any third parties (except as otherwise provided for herein/ authorized).
 - (4) Each party shall be responsible for any breach of this Agreement by any of their respective Representatives.

c. Use of Confidential Information

- (1) The Receiving Party agrees to use the Confidential Information solely in connection with the current or contemplated business relationship between the parties and not for any purpose other than as authorized by this Agreement without the prior written consent of an authorized representative of the Disclosing Party.
- (2) No other right or license, whether expressed or implied, in the Confidential Information is granted to the Receiving Party hereunder. Title to the Confidential Information will remain solely in the Disclosing Party.
- (3) All use of Confidential Information by Receiving Party shall be for the benefit of the Disclosing Party and any modifications and improvements thereof by the Receiving Party shall be the sole property of the Disclosing Party.
- (4) Nothing contained herein is intended to modify the parties existing agreement that their discussions in furtherance of a potential business relationship are governed under the rule.

d. Compelled Disclosure of Confidential Information

(1) Notwithstanding anything in the foregoing to the contrary, the Receiving Party may disclose Confidential Information pursuant to any governmental, judicial, or administrative order, subpoena, discovery request, regulatory request or similar method, provided that the Receiving Party promptly notifies, to the extent practicable, the Disclosing Party in writing of such demand for disclosure so that the disclosing Party, at its sole expense, may seek to make such disclosure subject to a protective order or other appropriate remedy to preserve the confidentiality of the Confidential Information

- provided in the case of a broad regulatory request with respect to the Receiving Party's business (not targeted at Disclosing Party).
- (2) The Receiving Party may promptly comply with such request provided the Receiving Party give (if permitted by such regulator) the Disclosing Party prompt notice of such disclosure.
- (3) The Receiving Party agrees that it shall not oppose and shall cooperate with efforts by, to the extent practicable, the Disclosing Party with respect to any such request for a protective order or other relief.
- (4) Notwithstanding the foregoing, if the Disclosing Party is unable to obtain or does not seek a protective order and the Receiving Party is legally requested or required to disclose such Confidential Information, disclosure of such Confidential Information may be made without liability.
- 3. <u>Term</u>. This Agreement, notwithstanding the foregoing, the parties duty to hold in confidence Confidential Information that was disclosed during interaction shall remain in effect indefinitely.

4. Remedies

- a. Both parties acknowledge that the Confidential Information to be disclosed hereunder is of a unique and valuable character, and that the unauthorized dissemination of the Confidential Information would destroy or diminish the value of such information. The damages to the Disclosing Party that would result from the unauthorized dissemination of the Confidential Information would be impossible to calculate.
- b. Therefore, both parties hereby agree that the Disclosing Party shall be entitled to injunctive relief preventing the dissemination of any Confidential Information in violation of the terms hereof. Such injunctive relief shall be in addition to any other remedies available hereunder, whether at law or in equity.
- c. The Disclosing Party shall be entitled to recover its costs and fees, including reasonable attorneys" fees, incurred in obtaining any such relief. Further, in the event of litigation relating to this Agreement, the prevailing party shall be entitled to recover its reasonable attorney's fees and expenses.

5. **Return of Confidential Information**

- a. The Receiving Party shall immediately return and redeliver to the other all tangible material embodying the Confidential Information provided hereunder and all notes, summaries, memoranda, drawings, manuals, records, excerpts or derivative information deriving there from and all other documents or materials ("Notes") (and all copies of any of the foregoing, including " copies" that have been converted to computerized media in the form of image, data or word processing files either manually or by image capture) based on or including any Confidential Information, in whatever form of storage or retrieval, upon the earlier of: -
 - (1) The completion or termination of the dealings between the parties contemplated hereunder the termination of this Agreement; or,
 - (2) At such time, as the Disclosing Party may so request, provided, however, that the Receiving Party may retain such of its documents as is necessary to enable it to comply with its document retention policies. Alternatively, the Receiving Party, with the written consent of the Disclosing Party may (or in the case of Notes, at the Receiving Party's option) immediately destroy any of the foregoing embodying Confidential Information (or the reasonably non- recoverable data erasure of computerized data) and, upon request, certify in writing such

destruction by an authorized officer of the receiving Party supervising the destruction).

6. **Notice of Breach**. The Receiving Party shall notify the Disclosing Party immediately upon discovery of any unauthorized use or disclosure of Confidential Information by Receiving Party or its Representatives, or any other breach of this Agreement by the Receiving Party or its representatives, and will cooperate with effortsby the Disclosing Party to help the Disclosing Party regain possession of Confidential Information and prevent its further unauthorized use.

7. Final Binding to the Agreement

- a. Neither Party hereto shall have any liability to the other party or to the other party's representatives resulting from any use of the Confidential Information except with respect to disclosure of such Confidential Information in violation of this Agreement. In such case the party violating this agreement is liable under Official Secret Act 1923.
- b. This Agreement constitutes the entire understanding between the parties and supersedes any and all prior or contemporaneous understandings and agreements, whether oral or written, between the parties, with respect tothe subject matter hereof. This Agreement can only be modified by a written amendment signed by the party against whom enforcement of such modification is sought.
- c. The validity, construction and performance of this Agreement shall be governed and construed in accordance with the laws of the state applicable such acts under **official Secret Act-1923** made and to be wholly performed within such state, without giving effect to any conflict of law's provisions thereof.
- d. The State courts shall have sole and exclusive jurisdiction over any disputes arising under the terms of this Agreement. Any failure by either party to enforce the other party's strict performance of any provision of this Agreement will not constitute a waiver of its right to subsequently enforce such provision or any other provision of this Agreement.
- e. Although the restrictions contained in this Agreement are considered by the parties to be reasonable for the purpose of protecting the Confidential Information, if any such restriction is found by a court of competent jurisdiction to be unenforceable, such provision will be modified, rewritten or interpreted to include as much of its nature and scope as will render it enforceable. If it cannot be so modified, rewritten or interpreted to be enforceable in any respect, it will not be given effect, and the remainder of the Agreement will be enforced as if such provision was not included.
- f. Any notices or communications required or permitted to be given hereundermay be delivered by hand, deposited with a nationally recognized overnight carrier, electronic-mail, or mailed by certified mail, return receipt requested, postage prepaid, in each case, to the address of the other party first indicated above (or such other addressee as may be furnished by a party in accordance with this paragraph).
- g. All such notices or communications shall be deemed to have been givenand received: -
 - (1) In the case of personal delivery or electronic-mail, on the date of such delivery.
 - (2) In the case of delivery by a nationally recognized overnight carrier, on the third business day following dispatch.
 - (3) In the case of mailing, on the seventh business day following such mailing.
- h. This Agreement is personal in nature, and neither party may directly or indirectly

assign or transfer it by operation of law or otherwise without the prior written consent of the other party, which consent will not be unreasonably withheld. All obligations contained in this Agreement shall extend to be binding upon the parties to this Agreement and their respective successors, assigns and designees.

- i. The receipt of Confidential Information pursuant to this Agreement will not prevent or in any way limit either party from: -
 - (1) Developing, making or marketing products or services that are or may be competitive with the products or services of the other or
 - (2) Providing products or services to others who compete with the other.
- j. Paragraph headings used in this Agreement are for reference only and shall not be used or relied upon in the interpretation of this Agreement.

PARTIES

Signature:	Signature:
Rank:	Name:
Designation:	Appointment:
Name:	Organization/Firm:
For and on behalf of	Name:
Islamic Republic of Pakistan	Date:/ Jan/2024
Date:/Jan/2024	

Annexure E to Section - B CERTIFICATE OF ELIGIBILITY / NON BLACKLISTING CERTIFICATE

"It is certified that our firm is neither defaulter / blacklisted by any Government Organization directly or indirectly nor any investigation / interrogation was ever carried out against us by any Pakistani or overseas intelligence/investigation agency. It is further certified that our firm is fully eligible as per the DPP&I-35 / HIT to offer bid in this IT."

Name of MD	
CNIC or Passport No.	
Signature	
Date	

Annexure F to Section - B

IT No. dated	

BID SECURITY / EARNEST MONEY FORM

To:		[name of the Procuring Agency]
	lated [c	eas [name of the Bidder] (hereinafter called "the Bidder") has submittedits late of submission] for the delivery of [name and/or description of the goods] called "the Bid").
(here Proce to the	country) einafter uring A	ALL PEOPLE by these presents that WE [name of Financial Institution], having our registered office at [address of Financial Institution] called "the Bank"), are bound unto [name of PA] (hereinafter called "the gency") in the sum of [amount] for which payment well and truly to be made Procuring Agency, the Bank binds itself, its successors, and assigns by ints.
	Seale	d with the Common Seal of the said Bank thisday of20
The	conditio	ons of this obligation are:
1.	If the I	Bid
	a. b. c.	have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid; Disagreement to arithmetical correction made to the Bid price; or having been notified of the acceptance of our Bid by the ProcuringAgency during the period of Bid Validity, (1) failure to sign the contract if required by Procuring Agency to do so or (2) Fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.
its dei	ot of its to mand, ed by it	irreductation demand, without the Procuring Agency up to the above amount upon irreduction demand, without the Procuring Agency having to substantiate provided that in its demand the Procuring Agency states the amount is due to it, owing to the occurrence of one or both of the conditions, e occurred condition or conditions.
	he peri	uarantee shall remain in force up to and including twenty-eight (28) days od of Bid Validity, and any demand in respect thereof should reach the r than the above date.
Name) <u>.</u>	in the capacity of
Signe	d:	[Signature of the Bank]

_____20 _____

Dated on _____day of

Annexure G to Section - B				
	IT No	dated		
DE	TAIL TECHNICAL SPECIFICATIONS/ GSR / SPEC	CIAL INSTRUCTIONS / PSI		
DETAILS / ILS / PWLS PACKAGE / OR ANY OTHER TECHNICAL DOCUMENT				
Ser	Parameters	Firm's Response		

Annexure H to Section - B

BANK GUARANTEE FOR ADVANCE PAYMENTON JUDICIAL STAMP PAPER / E-STAMP PAPER OF RS 100/- OR AS SUITABLE TO THE AMOUNT OF BG

STAM	PAPER OF RS 100	0/- OR AS SUITABLE TO	THE AMOUNT OF BG	
Contract N	0	Date		
Name of Fi	rm/Contractor			
Address of	Firm/Contractor			
Name of G	uarantor			
Address of	Guarantor			
Amount of words)	Guarantee Rs		(in	
Date of Exp	oiry of Guarantee			
То:	The Preside	ent of the Islamic Republi	c of Pakistan	
Through CMA (HIT)		oller of Military Accounts (Defence Purchase), Rawalpi	∩di /
Sir,				
the condition	ons of the Contract i	is submission of a Bank punt be inserted both in equest of the customer ar	s our customer) and that on Guarantee for a sum of words and figures) against and in consideration therefore	the
a.	reference to our c	customer an amount not e	ny question and/or without exceeding the sum of both in words and figures)	·
b.	The validity period	d of this guarantee upto	(date)	
C.	under this guarant this date. Claims or not you have	tee will case upon the clo received thereafter will no suffered any loss. On	on or before this day. Our liable se of banking business hour of be entertained by us whe receipt of payment under ncelled, discharged and return	s on ther this
d.	may without reference we waive our right	ence to us, vary or amen ht to receive any notice	entioned in clause "b" above, d any terms of the contract, of such amendment, or to nutually agreed between you	and the

Our liability hereunder shall not be discharged on account of your fore-

bearing to the contractor nor shall we claim any rights of surety-ship in respect of any security which you might be having in respect of the contract.

e.

- f. If delivery as per schedule of installment supply is not adhered to by the contractor, the buyer's paying authority shall have the right of demanding encashment of the guarantee proportionate to the value of such installment supply having not been made, with interest thereon at the bank rate for the period the supply of any installment is delayed.
- g. The maximum liability under this guarantee shall be reduced proportionately by the sum/sums deducted by you from the invoices raised by our customer of the liquidation of the said advance.
- h. This guarantee, within the validity period shall not be affected by any change in the constitution of the bank, or of the contractor and on the successors and assignees of the bank.
- That this is an unconditional Bank Guarantee, which shall be encashed on sight on presentation without any reference to our Customer/Seller or Vendor.

	Guarantor
Dated:	

Annexure I to Section - B

		IT No	dated
BANK GUAR	ANTEE FOR PERFORMANCE		ICIAL STAMP PAPER
E-STAI	MP PAPER OF Rs. 100/- OR A	AS SUITABLE TO THE	AMOUNT OF BG
Contract No)[)ate	
Name of Fir	m/Contractor		
Address of	Firm/Contractor		
Name of Gu	uarantor		
Address of	Guarantor		
Amount of (Guarantee Rs		(in words)
Date of Exp	iry of Guarantee		<u></u>
То	: The President of the I	slamic Republic of Paki	stan
Through CMA (HIT),	: The Controller of Milit Taxila	ary Accounts (Defence	Purchase), Rawalpindi /
Sir,			
	reas your good-self have en upplier] (hereinafter referred to a dated(hereinafter cal	as our "Customer") purs	
of the condi Guarantee	WHEREAS it has been stipula tions that our customer shall fu by a reputable bank for the su stomer"s performance obligation	rnish your good-self with um specified therein as	h an unconditional Bank security for compliance
AND	WHEREAS we have agreed to	o give our customer a g	uarantee:
your good-s in words an	REFORE, WE hereby affirm the self, on behalf of our custome digures]. In compliance with the as under: -	r, for a sum of Rs <i>[ar</i>	mount of the guarantee
а.	To pay you unconditionally reference to our customer, the Contract and without commentioned in your written Deto show grounds or reasons	declaring our customer avil or argument, any s larantee in words and emand Notice, without y	to be in default under sum not exceeding Rs figures] as would be our needing to prove or
b.	To keep this Guarantee in fo	rce till[dat	te]
C.	That the validity of this Bank of the original/extended delives on ever is later in duration of M/Sor Guarantee shall cease on the validity of this Bank Guarantee the tertained by us whether y	very period or the warrance on receipt of information or from your office. Our the closing of banking hou antee. Claim received	ntee of the stores which in from our customer i.e. liability under this Bank irs on the last date of the thereafter shall not be

- under this guarantee, this document i.e. Bank Guarantee must be clearly cancelled, discharged and returned to us.
- d. That we shall inform your office regarding termination of the validity of this Bank Guarantee one clear month before the actual expiry date of this Guarantee.
- e. That with the consent of our customer, you may amend/alter any term/clause of the Contract or add/delete any term/clause to/from this Contract without making any reference to us. We do not reserve any rightto receive any such amendment/alternation or addition/deletion provided such like actions do not increase our monetary liability under this Bank Guarantee which shall be limited only to Rs. ________(amount of the guarantee in words and figures).
- f. That the Bank Guarantee herein before given shall not be affected by any change in the constitution of the Bank or customer/seller or vendor.
- g. That this is an unconditional Bank Guarantee, which shall be en-cashed on sight on presentation without any reference to our customer/seller or vendor.

Signatur	e and seal of the Guarantors
	[name of bank or financial institution]
	[address]
	[date]

Annexure J to Section - B
IT Nodated
Form DPL-15
MINISTRY OF DEFENCE PRODUCTION
HEAVY INDUSTRIES TAXILA
SUPPLIER'S WARRANTY/GUARANTEE
Firm's Name:
Contract No.:
We hereby guarantee that the articles supplied under the terms of this contract are new production in conformance with approved drawings in all respect in accordance with the terms of the contract, and that the material used, whether or not of our manufacture, are in accordance with the latest appropriate standard specification, and also in accordance with the terms of the contract complete of good workmanship throughout.
We also guarantee and that we will replace free of cost (FOB/CIF/C&F/FOR/DDP) as the case may be every article or part hereof which before use or in use shall be found defective or is found not within the limits and tolerance of specification requirement or if any way are not in accordance with the requirements of the contract.
In case of our failure to replace the defective stores free of cost within three months of reporting by the consignee, we will refund the relevant cost (FOB/CIF/C&F/FOR) as the case may be in the currency/currencies in which received plus freight charges, upto consignees end and the purchaser shall have the right to purchase the stores declared defective at our risk and expense from elsewhere.
The supplier also undertakes to make good the deficiency in supply if any.
The warranty will remain valid formonths/years on receipt of stores by the consignee.
Signature:
Dated:

Note: The signature must be the same as the one on the Tender / Contract, if otherwise must be shown to be the signature a person capable of giving guarantee on behalf of the Supplier/ Principal.

<u>Annexure</u>	<u>K</u>	<u>to</u>	Section -	В

IT No	dated	
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INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS AND SERVICES AND WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract value
Contract title
1. [Name of Supplier] hereby declares that it has not obtained or induced the
procurement of any contract, right, interest, privilege or other obligation or benefit from

entity owned or controlled by it (GoP) through any corrupt business practice.

Contract Number_____dated__

expressly declared pursuant hereto.

2. Without limiting the generality of the foregoing [Name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to giveto anyone within or outside Pakistan either directly or indirectly through any naturalor juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been

Government of Pakistan or any administrative subdivision or agency thereof or any other

- 3. [Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.
- 4. [Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.
- 5. Notwithstanding any rights and remedies exercised by GoP in this regard, [Name of Supplier] agrees to indemnify GoP for any loss or damage incurred by iton account of its corrupt business practices and further pay compensation to GoPin an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

[Buyer]	[Seller/Supplier]

LETTER OF BID - TECHNICAL PROPOSAL

DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

Place this Letter of Bid in the first envelope "TECHNICAL PROPOSAL".

The Bidder must prepare the Letter of Bid on its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text in black font is to help Bidders in preparing this form and Bidders shall delete it from the final document.

		Tender No Name of the Firm
		Contractor's Telegraphic Address
		Code Used
		Telephone No
То:	Procurement Directorate Heavy Industries Taxila Taxila Cantt	

Dear Sir,

- 1. We have understood the Instructions to Bids (Section A) and the Terms and Conditions of the Contract (Section B) and have thoroughly examined the specifications/drawings and/or patterns quoted in the schedule hereto and are fully aware of the nature of the stores required and our offer is to supply stores strictly in accordance with the requirements. We hereby submit our Bid, in two parts, namely:
 - a. The Technical Proposal, and
 - b. The Financial Proposal.
- 2. In submitting our Bid we make following declarations: -
 - a. <u>No Reservations</u>. We have examined and have no reservations to the bidding documents (Section - A, Section - B, and Section - C), including addenda's, if issued;
 - b. Conditions Governing Contracts. The "Contract" made as a result of this ITB shall mean the Agreement entered into between the Parties i.e. the "Purchaser" and the "Seller" in accordance with the law of the Contract Act, 1872 (adopted through Central Laws (Status Reform) Ordinance 1960, for all provinces and the Capital of the Federation of Pakistan and those contained in the DPP&I-35 and other special conditions that may be added to given contract for the supply of Defence Stores specified herein and guidance provided by Public Procurement Regulation Authority (PPRA);
 - c. <u>State-Owned Enterprise or Institution</u>: [select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] or [We are a state-owned enterprise or institution but meet the requirements of];

- d. **Eligibility**. We meet the eligibility criteria / requirements as per DPP&I- 35 (latest edition) as well as the "Instructions to Bidders" (Section A) and have no conflict of interest;
- e. <u>Conformity</u>. I/We hereby offer to supply in conformity with the "Schedule of Requirement" (Section B) inquiry or such portion thereof as you may specify in the acceptance of bid at the prices offered against the said schedule:
- f. <u>Bid Validity Period</u>. Our Bid shall be valid upto 180 days after opening of the Financial Proposal and will not be withdrawn or altered in terms of the rates quoted and the conditions already stated therein or on beforethis date; and it shall remain binding upon us, and may be accepted atany time before the expiration of that period;
- g. **Performance Bank Guarantee**. If our Bid is accepted, we commit to obtain a PBG in accordance with the bidding document;
- h. **Binding Contract**: We understand that this Bid, together with your acceptance thereof, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- i. **Not Bound to Accept**: We understand that you are not bound to accept any of the Bids that you may receive; and
- j. <u>One Bid per Bidder</u>. We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member, or in any other form etc;
- k. **Suspension and Debarment**. We, along with any of our suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Agency / the GoP. Further, we are not ineligible under Pakistan laws;
- I. <u>Fraud/Corruption and Offering Gifts/Favours</u>. We hereby certify thatwe have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud, Corruption or offering gifts and favours, if found so, the firm will be liable to ineligibility / blacklisting.
- 3. The following documents are attached with our Technical Proposal:
 - a. Postal order of Rs 2000./- in favour of MD Gun Factory is attached with Technical Bid.
 - b. The OEM part number and its interchangeability with demanded partnumber have been indicated and relevant catalogue/ extract have been attached. (In case the OEM products are offered).
 - c. Bank draft No _____as Bid Security. Weunderstand the conditions governing the return and forfeiture/encashmentof the Bid by the procuring agency as per the DPP&I-35 and the Instructions to the Bidder" (Section-A).
 - d. Complete Section -B attached with ITB documents having duly filled the required documents especially the Terms and Conditions of the Contract, and the Schedule of Requirement.
 - e. Checklist as per Section B is enclosed.
 - f. Quality Assurance Certificate.
 - g. Non-Disclosure Agreement.
 - h. Agent Commission Certificate / No Agent Commission Certificate.

i. Integrity Pact (at **Annexure M**).

	Yours faithfully,
	(Signature of Tenderer)
Address:	(Capacity in which signing)
Date:	
Signature of	f Witness:
Address:	

Note: Individual signing tender and / or other documents connected with a contract must specify: -

- a. Whether signing as "Sole Proprietor" of the firm or his attorney.
- b. Whether signing as a "Registered Active Partner" of the firm or his attorney.
- c. Whether signing for the firm "Per Procreation".
- d. In the case of companies and firms registered under the Act, 2017 as amended up-to-date and under the partnership Act 1932, the capacity in which signing e.g, the Director, Secretary, Manager, Partner etc or their attorney and produce copy of document empowering him so to sign, if called upon to do so.

LETTER OF BID - FINANCIAL PROPOSAL

DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

Place this Letter of Bid (Financial Proposal) in the <u>second</u> envelope marked "FINANCIAL PROPOSAL"

Bidder must prepare the Letter of Bid (Financial Proposal) on its letterhead

clearly showing the Bidder's complete name and business address.

	Tender No
	Name of the Firm Contractor"s Telegraphic Address Code Used Date Telephone No
То:	Procurement Directorate Heavy Industries Taxila Taxila Cantt
Dear Sir,	
	e, the undersigned Bidder, hereby submit the second part of our Bid, the Proposal. In submitting our Financial Proposal, we make the following s: -
a.	Consignee"s port/airport/named destination is
b.	Price has been mentioned for each item separately both in figures and words. Only one rate has been quoted for the entire quantity. We understand that multi-rates will lead to rejection of our offer.
	Yours faithfully,
	(Signature of Tenderer)
	(Capacity in which signing)

Address:____

	_

Section - C

Date:	
Signature of Witness:	
Address:	_

Note: Individual signing tender and/or other documents connected with a contract must specify: -

- a. Whether signing as "Sole Proprietor" of the firm or his attorney.
- b. Whether signing as a "Registered Active Partner" of the firm or his attorney.
- c. Whether signing for the firm "Per Procreation".
- d. In the case of companies and firms registered under the Act, 2017 as amended upto-date and under the partnership Act 1932, the capacity in which signing e.g, the Director, Secretary, Manager, Partner etc or their attorney and produce copyof document empowering him so to sign, if called upon to do so.

CHECK LIST

(This proforma must be attached with your firm's offers duly filled and signed by authorized signatory)

Tend	er No	Date
1.	a. Postal Order	
	b. Bank	
	c. Amount	
2.	a. EM Draft No	
	b. Bank	Yes/No
3.	Section - B duly signed by Authorized Signatory attached with offer.	Yes/ No
4.	Section - C duly signed by Authorized Signatory attached with offer.	Yes/ No
5.	Specification of offered items	Our firm is offering stores as per IT Specifications Yes/No
6.	Accounting unit as per IT	Yes/ No
7.	Quantity offered (As per IT)	Yes/ No
8.	Delivery Schedule as per IT	Yes/ No
9.	Dispatch Instructions as per IT	Yes/ No
10.	Packing details as per IT	Yes/ No
11.	Defence Marking details as per IT	Yes/ No
12.	Origin of Stores	
13.	Name and Address of Principal/Manufacturer	
14.	Original Proforma Invoice (Mandatory) In Case of FOB/FOR(Imported) Attached with offer	Yes/No Not Applicable Anx
15.	Currency of offer	
16.	Place for Inspection of Offered Stores	
17.	a. We confirm that prices are firm and final	Yes/No
	 Validity of our offer is 180 days after opening of commercial offer 	Yes/No
18.	We confirm Warranty/Guarantee of Stores For	Years
19.	Terms of Payment as per IT	Yes/No

Tender No.	Date	

20.	Sales Tax	Exempted/Applicable @ if applicable, than included/Extra of quoted price
21.	a. Agent Commission	Nil / Included /Excluded/ NA
	b. We agree for percentage of agent commission as per DGDP policy	Yes/ No/ Not Applicable
22.	We confirm that following documents are attached with offer:-	
	 a. MoDP / HIT letter indicating Registration / Indexation Status (Registered firms only) 	Yes/ No NA Anx
	 b. Valid Manufacturer License by Ministry of Health 	NA
	 c. Production Registration Letter of Ministry of Health indicating Registration No of Store 	NA
	d. Valid agency Agreement	Yes/ No NA Anx
	e. DGDP Letter indicating Financial Capability (Registered firms only)	Yes/ No NA Anx
	f. Bank Statement of Last One Year (Unregistered firms only)	Yes/ No NA Anx
	g. Income Tax Registration Certificate by CBR NTN	Yes/ No NA Anx
	h. Sale Tax Registration Letter/No	Yes/ No NA Anx
	i. Trade/Retail Price List	Yes/ No NA Anx
	j. Interchangeability certificate attached.	Yes / No NA Anx
	k. Certificate "in case of an additional requirement of the contracted items(s) in any quantity(s) within a period of 24 months from the date of signing the contract, these will also be completed supplied (at the ongoing contract rates) with discount.	Yes / No NA Anx
	 Undertaking to provide all the contracted stores/goods/ as per the specification. 	Yes/No NA Anx
23.	Certificate that there is not Deviation from IT co ITconditions as per following details:-(Please de statement) a.	
	b. Black listing certificate. It is certified that our	r firm is neither defaulter per
24.	blacklisted by any government organization dire	

Note: Please strike out whichever is not applicable to your offer.

INSTRUCTIONS FOR FILLING OF INVITATION TO TENDER (IT) FORM

1. **General Instructions**

- a. Ensure that check list attached with IT form is complete in all respects.
- b. Only authorized representative of the firm will be allowed to attend tender opening proceedings.
- c. Validity of offer will be 180 days after opening of Financial proposal.
- d. Firm must ensure that No COLUMN is left blank while filling technical and commercial offer.
- e. Attach Section C duly signed by the authorized signatory with your tender.
- f. Do not quote/write rates in technical offer.
- g. Do not attach any condition with offer/bid, only original IT documentswithout conditions will be accepted.
- h. Do not send offer through Fax/E-mail/Cable/Telex.
- i. Do not represent any firm other than your own.

2. <u>Submission of Technical, Commercial Offer and Earnest Money Bank</u> <u>Draft/Pav Order</u>

a. General

- (1) Submit Commercial, Technical Offers and Earnest Money Bank Draft in separate envelopes.
- (2) Write "TECHNICAL OFFER", "COMMERCIAL OFFER" and EARNEST MONEY BANK DRAFT on respective envelopes in capital letters.
- (3) Put all envelopes in a single envelope and seal it.
- (4) Write **Tender Inquiry Number** and **name of the firm** at the top.
- (5) Put envelopes containing all offers in another envelop and address as indicated in para 5 of Section A, without any indication that there is a tender within it.

b. Technical Offer

- (1) Technical offer must confirm to the **General Staff**Requirement/Technical Requirement or Technical Specifications of indented stores.
- (2) In **FOB/FOR (Import)** cases, attach **OEM** certificate/agency agreement (for local/foreign agent firms only).
- (3) Firm will endorse certificate/confirmation with **Technical Offer** regarding attachment of **Bank Draft** of **Bid Security** but will not disclose the **AMOUNT** of **Bid Security/Earnest Money**.

c. Commercial Offer

- (1) For all taxable goods, do mention General Sales Tax/Excise Duty/Federal Excise Duty or any other taxes/duties in the breakdown of quotation.
- (2) Attach principal's Commercial Invoice Performa (in duplicate) clearly indicating whether prices quoted are inclusive or exclusive of agent

Section - C

- commission in case of FOB or FOR (import) (for local/foreign agent firms only).
- (3) Commercial Offer must be signed by MD or authorized signatory
- (4) Do not give multiple offers (such cases will be rejected).
- (5) Do not give **Post Tender Offers**. Such offers warrant disciplinary action as per Rules.

	ACKNOWLEDGEMENT SLIP
Bid No:	
Date of Receipt:	
Name of Firm:	
Signature	(Authorized Person)

MECH AUTOFRETTAGE EQUIPMENT

Main Specifications

1	Max Possible Brl length	10,000 mm
2	Max Stroke, Single-step	5,500 mm
3	Max Possible Diameter	205 mm
4	Max Force at 500 Bar	628 T

a. Frame Structure

For barrel mounting device and hydraulic cylinders.

b. <u>Main Cylinder</u>

Stroke	5 _g 500 mm
Piston Dia	400 mm
B Piston Rod Dia	250 mm
Operating Pressure, Bottom Sided	500 bar
Operating Pressure, Rod Sided	30 bar
6 Piston Speed	6.6 m/ Min

c. 12 Support Cylinders for the Piston and Rod Guides

Stroke	80 mm
2 Pressure Force	40 T
3 Piston Dia	160 mm
4 Operating Pressure	200 bar

d. Cylinder for Brl Clamping/ Device

1 Stroke	300 mm
2 Pressure Force	11 T
3 Piston Dia	100 mm
4 Operating Pressure	140 bar

e. Hydraulic System for the Main Cylinder

1	Qty delivered at 10 bar	92 1/min	
2	Qty delivered at 500 bar	82 1/min	
3	Oil Tank	1500 1	
4	Connected Power	90 low	

f. Function

- (1) No-Load Operation (Unpressurized circulation)
- (2) Electr. Change-over to forward Stroke (500 bar)
- (3) Electr. Change-over to back Stroke (30 bar)
- (4) As soon as cylinder reaches end position after back stroke the plant operates again in unpressurized circulation.

g. Hydraulic System for the Clamping and Support Cylinders

delivered at 300 bar	11 1/min
Tank	. 400 1
nected Power	9 kw
chine Weight	Approx 30 ton
ace Requirement (L x W x H)	25 x 4.5 x 2.2 M
	Tank Innected Power Chine Weight Indected Requirement (L x W x H)

h. Control System

Supervision, assessment and records of the autofrettage procedure require only minimum controlling measuring efforts. Before and after autofrettaging the outer diameter of the barrel is measured horizontally and vertically at 5 defined points using micrometer. This measurement shows the percentage of autofrettaging at these 5 defined points. Furthermore, the temperature of the barrel and the mandrel are measured digitally before and after autofrettaging and then recorded.

j. Energy and Media

1 Electric Power	Approx 1000 kw 380 V/ 50 Hz	
2 Electric Circuit with Zero Conductor		
Admissible Voltage Fluctuations, in particular for control mechanism and electronic appliances	÷√ - 10 %	
4 Acceptable Frequency Fluctuations	47-3%	
Min and Max ambient temperature for electrical and electronical appliances: during operation only.	+ 5° up to 45° C	