

HEAVY INDUSTRIES TAXILA
INVITATION TO TENDER FORM 26/27



Bid No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated 31 Jul 2026

Standard Bidding Document (SBD)
for
Procurement of Tools and Store Items for MTI

(Single Stage Two Envelope)

ON
FOR Basis

SUPPLY CHAIN MANAGEMENT DIRECTORATE HIT TAXILA
TAXILA CANTT

Bid Submission Date / Time: 01 Sep 2026 at 1030 hours

Bid Opening Date / Time: 01 Sep 2026 at 1100 hours

***Feel free to contact for any query regarding details
of tendered items as well as Tender Clauses***

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HEAVY INDUSTRIES TAXILA
TENDER NOTICE

1. Sealed bids are invited from eligible manufacturers, authorized dealers, distributors, suppliers, or firms possessing valid National Tax Number (NTN), Sales Tax Registration (where applicable), and fulfilling the eligibility criteria prescribed in this Standard Bidding Document (SBD). Procurement will be carried out in the light of PPRA and MoDP rules:-

Tender No	Nomenclature	A/U	Qty	Delivery Period	Last date of Collection of Tender Documents	Tender Submission Date/ Time	Tender Opening Date/ Time
IT-7860	Procurement of Tools and Store Items for MTI	As Per Annexure 'A'		01 Month after signing of contract	Tender available on PPRA website.	01 Sep 2026 at 1030 hours	01 Sep 2026 at 1100 hours

2. Bidder must submit the following documents along with check list attached at Section – C at the time of submission of tender: -

- a. Photocopy of Registration / Pre-qualification / Indexation letter issued by HIT/DGP/MoDP/ Govt / Semi Govt organization (if any).
- b. Attested copy of Registration certificate issued by Sales Tax Department and copy of NTN certificate.
- c. Audit report of last 3 x Financial Years.
- d. Attested Bank Statement for last one year.
- e. Attested copy of CNIC of CEO/ Dir.
- f. Trade link between firm and OEM (in case of distributor / agent).
- g. Certificate on a judicial paper worth Rs 100 duly attested by Oath Commissioner that firm is neither blacklisted, suspended, nor debarred by any government organization directly or indirectly.
- h. Documentary evidence of contracts executed in last 3 x financial years / works experience with Govt / Semi Govt organization.
- i. Postal order of Rs 2000/- should be enclosed with Technical Bid in favour of Director Supply Chain Management Directorate (SCM), HIT Taxila.

NOTE:

In case of any query regarding Nomenclature/ Specifications, please contact following officials well before Bid Opening date:-

a. **Supply Chain Management Directorate**

Tel: (051) 9315333 Ext 63215/17

Tel : (051) 9315386

E-mail: scm.for_hit@margallahil.com

HEAVY INDUSTRIES TAXILA



Bid No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated Aug 2026

For

Procurement of Tools and Store Items for MTI

INVITATION TO TENDER / INVITATION TO BID

Date: Aug/2026

1. This Invitation to Tender (IT) follows the Procurement Notice (PN) or Procurement Advertisement (PA) for the subject procurement which will appear in 2 x newspaper (1 x English and 1 x URDU). (if estimate value is high the Rs. 3 Mn)
2. Heavy Industries Taxila invites sealed bids from eligible Suppliers for the provision of **Procurement of Paint Items**. The complete original bid (technical & commercial) along with one additional photocopy of **technical bid, properly filled in**, and enclosed in sealed envelope(s) must be delivered as under: -

<u>Ser</u>	<u>Activity</u>	<u>Response</u>	<u>Remarks</u>
a.	Bid submission	10:30 hours 01 Sep 2026	Tender Box available at Gate No 5
b.	Bid opening (Technical)	11:00 hours 01 Sep 2026	Venue Supply Chain Management Directorate HIT Taxila
c.	Pre-bid meeting	11:00 hours ___ Sep 2026	Venue Supply Chain Management Directorate HIT Taxila
d.	Bid submission address	Gate – 5, Heavy Industries Taxila, Taxila Cantt	Complete Bid be dropped in Tender Box before 1000 hrs on Bid submission date

2. 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 Supply Chain Management Directorate (SCM), Heavy Industries Taxila as per the instructions provided in this IT.
3. 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.
4. This IT consists of ___ x **pages** 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. **Section - C**. Firms' response as well as essential forms to be submitted.
5. 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.

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 during the 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. **Ineligible Countries.** 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. **Validity of Bid (MANDATORY Condition).** Bids shall be valid for **120 x days** extendable to **180 x days** from the date of opening of the Financial Proposal. This must be indicated in the Technical as well as the Financial Proposals.

4. **Late Submission.** 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.

5. **Delivery of Bids.** The firms shall submit offer in two separate envelopes i.e. Technical Proposal envelope, Financial Proposal envelope.

- a. **Technical Proposal.** 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. Copy of the muted bid security / Earnest Money envelope (**hiding the actual amount**) will be placed inside the **“Technical Proposal”** envelope.

- b. **Financial Proposal.** 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**) will be placed in one envelope (**second cover**) duly sealed, stamped, and signed. This cover should bear the **address of Heavy Industries Taxila, Tender number / date and IT opening date** as under :-

To: Lieutenant Colonel Muhammad Shuja Chaudhry
 Assistant Director Procurement – Supply Chain Management
 Directorate
 Gate No 05, Heavy Industries Taxila
IT Number:
Bid No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated 31 Jul 2026
 Tender Bid Submission Date/Time: 10:30 hours 01 Sep 2026
 Tender/Bid Opening Date/Time: 11:00 hours 01 Sep 2026

- d. **Postal Order.** Postal order of **Rs 2,000/-** should be enclosed with Technical Bid in favour of Director SCM, HIT Taxila.

Participation and Opening of IT

1. **Participation in Bid Opening.** IT will be opened in the presence of firms authorized representatives, who choose to attend the activity of opening of tenders on the assigned date, time 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.
2. **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 of firm is not technically accepted.

3. **Withdrawal of Offer**. Bidder cannot withdraw the offer before signing of the contract and within the validity period of offer. 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.

4. **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

5. 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 be considered further for evaluation.

Bid Security / Earnest Money (EM)

6. The Bid Security / EM will be in the form of a CDR / Bank Draft / Pay Order in the favour of Director Supply Chain Management, 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. **Prequalified/Registered/ Indexed Firms/ Pre-qualified Firms**. 2% of the quoted value subject to the maximum ceiling of Rs. 0.5 million.
- b. **Unregistered/Un-indexed Firms**. 5% of the quoted value subject to the maximum ceiling of Rs. 1 million.

7. 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.

8. **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 a firm 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.

9. **Evaluation of Firm / Qualification Criteria**. **Qualified Bidder, with Least Cost / Quality Cum Cost (as applicable) 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

10. **Documents**. Details of information to be furnished / attested copies of the documents to be attached with the bids are as under: -

- a. **Firms Registered with the HIT**. 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. **Local Firms**. A copy of the Registration Certificate issued by the Sales Tax Department, and a copy of the CNIC of MD of the firm. Local firms will mention "Income Tax Number" on the offer.
- d. **Foreign Firms**. 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.

11. 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	Required Documents
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 for CEO / Partners of in firm.
d.	Three PP size photographs for each member of management.
e.	Challan Form (*).
f.	Financial Standing / Audit Balance Sheet.
g.	Authorization letter from the MD/ CEO in case contract is being signed by another person on his behalf.
h.	Agency Agreement in case of trading house/ company/ exporter/ stockiest etc.

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.

12. Provisionally pre-qualified firm will apply to the Registration Section (Supply Chain Management 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.
13. **Liaison Office (in Pakistan)**. 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.
14. **Disqualification**. Offers are liable to rejection, if: -
 - a. Offer is made through Fax / Email / Cable / Telex.
 - b. Received later than appointed / fixed date and time or contradicting to binding terms.
 - 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. Bid Security NOT mentioned in the Technical Proposal.
 - h. If validity of offer is NOT quoted as specified in para-3 above or made subject to confirmation later.
 - i. Tender specifications / requirement not conforming in general (except **MANDATORY CONDITION**) which have to be agreed.
 - j. Multiple offers / Multiple rates are quoted against one item.
 - k. There is any deviation from General / Special / Technical Instructions provided.
 - l. Offers (Financial / Technical) containing non-initialed / unauthenticated amendments / corrections / overwriting.
 - m. If offer is found to be based on cartel action in connivance with other sources / participants of the tender.
 - n. In case breakup cost / conditions of offer are not as per IT conditions (refer to **Annexure C to Section - B**).
 - o. If the Agency Agreement is expired (for agent firms only) provided that OEM confirms 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. Authorization from the

OEM to the agent to sign the contract on his behalf (for agent firms only). Also see relevant clauses of the DPP&I-35 dealing with the registration of an agent firm and the Agency Agreement.

- p. If OEM and Principal's names and complete addresses are not mentioned.

Official Secret Act / Non-Disclosure Agreement

15. 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

16. 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. Procedure of the GRC is as under: -

a. Procedure

- (1) Bidder may lodge a written complaint addressed to (Director SCM) 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

17. **Address**. Address for submission of Bids and lodging complaints to the GRC is as under: -

a. Submission of Bid:-

Lieutenant Colonel Muhammad Shuja Chaudhry
 Assistant Director Procurement, SCM Directorate
 Gate No 05, Heavy Industries Taxila
 IT Number: **Bid No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated 31 Jul 2026**
 Tender / Bid Submission Date / Time: 10:30 hours 01 Sep 2026
 Tender / Bid Opening Date / Time: 11:00 hours 01 Sep 2026

PART – I**BID DATA SHEET (BDS)****(FIRMS WILL SUBMIT BDS DULY SIGNED AND STAMPED WITH TECHNICAL PROPOSAL)**

IT No:	Bid No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated 31 Jul 2026
Procuring Agency:	Supply Chain Management Directorate, Heavy Industries Taxila, Taxila Cantt
Description of Stores:	<i>Procurement of Tools and Store Items for MTI</i>

<u>General</u>			<u>Firm's Response</u>
1.	Description and quantity of stores:	As per “ Schedule of Requirement ” at Annexure A .	
2.	Delivery Period:	01x months after signing of contract <i>[In case it is not possible to deliver goods by given date, the Supplier shall indicate DP by which store can be delivered].</i>	
3.	Destination (consignee):	Tech Dte, HIT Taxila	
4.	Criteria for price quotation	See Price Schedule (Financial Proposal) at Annexure C	
<u>Status of Registrations</u>			
5.	Registered Firms	Bidders will attach attested a copy of “ Registration Letter ” and the valid Agency / Dealership / Distributor Agreement of the OEM, where applicable.	
6.	Unregistered Firms	Unregistered bidders will attach attested a copy of valid Agency / Dealership / Distributor Agreement of the OEM, where applicable. Firm will submit following forms as SVA-8121 as well as SVA-8121A in case of local firmsand forms SVA-8124 for foreign firms after qualification of technical bid.	
<u>Bidding Documents</u>			
7.	Bid validity period	120 x days extendable upto 90 x days	
8.	Copies of IT documents to be submitted	One original along with one copy of technical bid	
9.	Submission of offer	Firms shall submit offers in 2 x separate envelopes i.e. Technical Proposal envelope containing muted bid security / Earnest money and Commercial Proposalenvelope containing proper Bid Security / Earnest Money envelope , both duly sealed in one large size envelope.	

10.	Technical proposal	The “ Technical Proposal ” shall include muted bank draft of bid security / Earnest Money; complete documents as per Section - B and Section - C duly completed, signed and stamped on each page; original Agency Agreement or Manufacturing Certificate, complete technical data, literature, ATP, sketches, brochure, proposal including specification as per IT.				Section - B
11.	Bid Security / Earnest Money	Firm will provide Bid Security / Earnest Money as per format at Annexure F respectively. After acceptance of the Technical Offer (where applicable), the Bid Security / Earnest Money envelop will be opened. In case Bid Security / Earnest Money is found correct, only then the Financial Proposal will be opened. In case Bid Security / Earnest Money is not found as per requirement, the Financial Proposal will be returned un-opened.				
12.	Changes in bidding documents	After opening of technical offer, no request for change of OEM, principal, address, model, conditions,specifications, deletion of items, part no, nomenclature, quantity, A/U, banking details for LC opening will be accepted else legal action will be initiated against the firm including blacklisting of firm along-with its management.				
13.	Evaluation Criteria (detail scoring mentioned at Annexure B)	Ser	Description	Maximum Points	Passing Marks	
		a. Performance Evaluation				
		(1)	Financial Soundness	15	7.5	
		(2)	Past Experience / Record	15	7.5	
		(3)	Past Performance	20	10	
		Sub Total		50	25	
		b. Technical Evaluation				
		(1)	Technical Evaluation Parameters	50	35	
		Total		100	60	
Contractual Aspects and Life Cycle Support						
14.	Terms and Conditions of the contract	See Part II to Section – B.				
15.	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.				
16.	Details of samples to be submitted with bids, if required	Bidder to provide samples of indented items before TSR				
17.	Spare parts required	NIL				

18.	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 whole or 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.	Section - B
Award of Contract			
19.	Percentage of increase and decrease at the time of the award of contract	15% increase / decrease in quantities of stores at the time of signing of contract.	
20.	Additional requirement of stores after signing of contract	In case of additional requirement upto 15% of the contracted item(s) in any quantity(s) within 12 x months from the date of signing the contract/ before delivery of complete store, these will be completely supplied on rates not exceeding the ongoing contract rates.	
21.	Stamp Duty	As per Stamp Duty Act 1899, Firm is liable to pay stamp duty taxes @ 0.25% (25 Paisa per Rs.100/-). Firm will deposit the amount (head 22-A(b)) on account of Stamp duty through TR / Challan form to Bank of Punjab / National Bank of Pakistan and submit the deposit copy to procurement agency.	

PART-II**TERMS AND CONDITIONS GOVERNING THE CONTRACT**
(LEGAL AND ADMINISTRATIVE)

Caution. You may say “**Complied / Not Complied**” to conditions / clauses mentioned in the succeeding **Part-II & III** of this Section - B and tick the relevant 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
1.	<u>Delivery Schedule.</u> Total duration of contract will be 01x 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.	<u>Terms of Payment</u> 2.1 100% payment on accepted goods within one month of delivery will be made by the / CMA (HIT) Taxila Cantt / CMA (DP) AFDP Sec Rawalpindi to firm on production of following documents:- a. Firm's pre-receipted bill duly affixed with revenue stamp. b. Consignment receipt certificate and acceptance inspection note from project. c. Professional Tax Payment and Active Tax Payer certificate of current fiscal year. 2.2. Partial payment against partial deliveries is not allowed.		
3.	<u>Security Deposit / Bank Guarantee (BG).</u> BG will be provided from the any scheduled Bank of the State Bank of Pakistan on judicial stamped paper / e-stamp paper worth Rs 100.00 in favour of CMA (HIT) / CMA (DP). Provision of following unconditional and irrevocable BGs is a MANDATORY CONDITION : - a. <u>Performance Bank Guarantee (PBG).</u> PBG equivalent to 5% of the contract value will be provided by the supplier along with the signed copy of the contract. The PBG will remain valid for upto 2x days beyond the delivery period of last CRC / CRV. Format of PBG is at Annexure G.		
4.	<u>Taxes / Duties Charges.</u> All taxes / duties including stamp duty / import / export license fee charges as applicable under the Government laws in Pakistan as well as country of Supplier shall be on Buyer / Supplier's account in accordance with the nature of contract.		

5.	<u>Warranty/ Guarantee</u> a. All goods/stores offered will be brand new, from the production year onwards in accordance with the approved drawing and specifications; and all the latest modifications/up-gradation will be incorporated in the equipment. The materials used, whether or not of his manufacture, should also be in accordance with the latest design and specifications. b. All goods/stores supplied under the contract shall have no defect, arising from design, materials, or workmanship. c. The warranty/guarantee will be provided on Warranty/Guarantee Form DPL- 15 / Letter of Guarantee (Annexure I) and will be applicable for 12x months after last CRC/CRV. d. This warranty period shall be covered by a Warranty Bank Guarantee as stipulated in para-4c above. e. Warranty period of all items except defective/non-operational shall commence after the issuance of CRV, whereas warranty of defective/non-operational equipment (at the time of commissioning/acceptance) shall commence after rectification of the defect. f. Warranty for the faulty equipment/system will be extended for the period from the occurrence of fault till its rectification to the satisfaction of the Purchaser as under: - (1) Warranty will freeze for the entire equipment/system in case any faulty component/sub-system etc renders the entire equipment/system non- operational. (2) If a defective component/sub-assembly, sub-system or assembly does not affect the operational capability of the entire equipment/system, warranty period of that specific component/ sub-assembly or assembly will be frozen till rectification of fault. (3) The Supplier shall, within the period specified in the contract and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the Procuring Agency. (4) If the Supplier fails to remedy the defect(s) within the period specified, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract. (5) The Supplier shall provide guarantee for through life supportability of the equipment for at least 12 x months after acceptance of the entire system. (6) Any additional feature, modification for improvement of the equipment introduced by the Supplier at any stage during the currency of the contract period shall be provided to the Purchaser.	Section - B	

6.	<u>Failure / Termination (MANDATORY CONDITION)</u> a. If at any time during the currency of the contract, the Purchaser decides to terminate the contract for any reason whatsoever, he shall have the right to do so by giving the Supplier a written notice to that effect. In that event, the Purchaser will accept delivery at the contract price and terms, of such stores/goods which are in actual process of manufacture that is completed and ready for delivery within thirty days after receipt by Supplier of such notice. b. In the case of remaining undelivered stores/ goods/ materials, the Purchaser may elect either: - (1) To have any part thereof completed and take the delivery thereof at the contract price, (2) To cancel the remaining quantity. c. Should the Supplier default i.e. fail to deliver goods in time or as per quality, the terms of the contract or fail to render Bank Guarantee within the stipulated time period or commit any breach of the contract, the Purchaser reserves the right to terminate/cancel the contract fully or any part thereof and the Supplier will be liable to return all the payments of undelivered stores at the rate of 1% above the KIBOR.	Section - B	
7.	<u>Force Majeure</u> a. The Parties (purchaser and supplier) will not be held responsible for any delay (e.g. delay in 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 its agencies 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. b. Where the case of force majeure causes delay in the delivery of respective stores, and/or 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 timeline to be rendered by Supplier in writing. c. Any of the above-mentioned event or pandemic etc already occurring before the signing of the contract will not be considered as force majeure.		

		Section - B	
8.	<u>Liquidated Damages / Late Delivery (LD).</u> In the event of delay for more than 21 days in delivery 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 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 may extend the delivery period without imposing the LD charges. Such extensions will only be limited to two times. Third extension will be with LD. - LD will be imposed when the Competent Purchase Officer is satisfied that the failure to supply 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. - 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_approved.pdf).		
9.	<u>Penalty.</u> The Purchaser will have the right to impose additional penalty of 10% of the contract value in 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: - - Supplier fails to obtain export licenses from its own government or any third party or the contract has become idle. - 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% of the value of the relevant equipment/ items; and the Purchaser will also have the right to out rightly reject the equipment. - The penalty shall not absolve the Supplier to undertake the repairs in Pakistan / abroad at his cost and expense including freight charges. This shall be in addition to the penalties and obligations covered in the contract like warranty/ guarantee obligations on Form DPL-15.		
10.	<u>Offset / Transfer of Technology (ToT).</u> 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.	Not Applicable	

	The ToT/Offset offered by the OEM in its Technical or Commercial Offer should not be subjected to the approval of its Govt (if applicable).	Section - B	
11.	<u>Effective Date of Contract (EDC) (MANDATORY CONDITION)</u> . EDC will preferably be established as date of signing of the contract. However, can be altered through mutual understanding between supplier and purchaser.		
12.	<u>Surviving Obligations</u> . All terms which, either by implication or expressly, survive the expiry of this contract, shall survive and in particular termination, intellectual property rights, secrecy, export control (if any); notices; applicable law and arbitration.		
13.	<u>Risk and Expense</u> . In the event of failure on the part of the Supplier to comply with the contractual obligation, the contract shall be cancelled at the risk and expenses of Supplier.		
14.	<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.		
15.	<u>Technical Assistance</u> . 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 (if applicable).		
16.	<u>Severability</u> a. The invalidity or unenforceability of any term or condition of the contract shall not 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 or unenforceability 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 and reach 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.		

		Section - B	
17.	<u>Indemnity.</u> 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 error or gross negligence of the Supplier or his agents and/or the Purchaser, the party involved shall bear alone the burden of the damage repairs.		
18.	<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.		
19.	<u>Subletting.</u> 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.		
20.	<u>Arbitration.</u> Disputes (if any) shall be ultimately settled in compliance with the laws of Pakistan.		
21.	<u>Applicable Law, Disputes and Arbitration.</u> 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. Chairman HIT will be considered as sole arbitrator. The arbitration proceedings will be held in Pakistan and under Pakistan Law. b. 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 except that part which is under arbitration. e. All proceedings under this clause shall be conducted in English language and in writing.		
22.	<u>Purchaser's Right (MANDATORY CONDITION).</u> 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 21x 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.		
23.	<u>Secrecy.</u> 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.		

24.	<u>Spare Supportability and Transfer of Technology.</u> 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: - - 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 - 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 - Following such termination, furnishing at no cost to the Procuring Agency, the blueprints, drawings, and specifications of the spare parts, if requested.	Section - B	
25.	<u>Amendment in Contract (MANDATORY CONDITION).</u> Amendment in contract, if required, shall be processed in writing and made with mutual agreement/consent of both the parties.		
26.	<u>Buy Back Clause.</u> Buy back clause for inactive spares will be included in the contract as under: - - If the spares/GSE/special tools/tools remain unused/new after two years of arrival in Pakistan, the Supplier/Seller will buy back these items at the prevalent international price list of the Supplier/Seller. - The cost of transportation/freight and other allied charges will be borne by the Supplier/Seller. - A joint team of the Purchaser's and the Seller's representatives will determine the condition of the spares/tools /GSE for buy back. - The lists of stores decided by both the parties for buy back by the firm will be prepared and signed by both the parties, and the firm will ensure payment of stores within 30 days from the day of signing the list of stores for buy back. The stores agreed by both parties for buy back, will be lifted by the firm within 60 days from the date of signatures of joint inspection. In case of failure of the Supplier/Seller to comply, storage charges at the rate of 1% of the value of stores will be paid by the firm. Total storage charges not to exceed 10% of the value of stores under buy back (if applicable as special condition).		
27.	<u>Disclosure Clause (MANDATORY CONDITION).</u> The Seller has to provide a disclosure certificate, duly signed, along with technical and commercial proposals as per prescribed format at Annexure-D, which shall consequently form part of the contract.		
28.	<u>Defence against Supply Chain Attacks on Army Cyber System.</u> In order to safeguard against Supply Chain Attacks on the Pakistan Army Cyber System, the Supplier(s) shall undertake following: - <u>EMC Compliance.</u> The contractor will render a certificate for EMC compliances, as per the GSR military/ international commercial standards included in the GSR from accredited EMC testing national/ international lab, failing which the Purchaser will have the right to impose penalties 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. <u>Hardware/ Software Vulnerability.</u> 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 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 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.	Section - B	
29.	<u>Workmanship and Materials</u> 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. b. 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.	<u>Technical Specifications</u> 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.	<u>Inspection/Testing of Store</u> 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. 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 the inspection 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. 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 reasonable facilities 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.	Section - B	
3.	<u>Change in Specification/Manufacturer/Model</u> . No alteration in make/brand and quality of stores will be entertained after opening of Bids. To the contrary, any change/improvement will require approval of the technical authority/ user.		
4.	<u>Technical Documentation/ Manuals</u>. Technical documents/ publications and manuals will be supplied free of cost by the Supplier unless otherwise stated in the contract. Supplier will also provide two copies of the compact discs and handmade drawings/blueprints, wherever applicable. The Supplier will provide three sets of following documents free of cost for technical scrutiny of the officer (as applicable): - a. Technical literature of each item. b. Manufacturer's specifications / technical data / drawings and packing details etc of each item. c. Acceptance Test Procedure / Acceptance criteria of each item. d. Country of Origin of each item and port of shipment.		
5.	<u>Interchangeability</u> . A certificate of complete interchangeability must be endorsed on the quotation for all substitutes / in lieu and superseded items. A copy of relevant page of publication must be attached to prove correctness of offered items.		
6.	<u>Checking of Store at Consignee End</u> . All stores will be checked at Consignee's end in the presence of Supplier's representatives. If for any 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 of the 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 arrival of 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.		

7.	Packing/Marking. The Supplier shall be responsible for proper packing of the stores in accordance with the relevant paper particulars under the conditions laid down in the contract or other relevant instructions on the subject in standard export 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 become the 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.		Section - B
8.	Relationship declaration. Participating bidder will provide certificate as per format attached at Page 56 for conflict of interest as per following:- Family members including an individual's spouse, siblings (whether of whole or half blood), children (natural or adopted), parents, grandparents, spouses of siblings (i.e brothers and sisters), children, grandchildren, great grandchildren and any member living in the same home as the individuals.		
9.	Conflict of Interest. Applicant shall be considered to have a conflict of interest, if they participated as a consultant in the preparation of the design or technical specifications or have been hired or proposed to be hired by the HIT for execution of subsequent contract or call off contract(s). Firm may be considered to have a conflict of interest if they have a close business or family relationship with such professional staff of the HIT (or a recipient of a part of the funds) who: a. Are directly or indirectly involved in the preparation of the prequalification documents or bidding documents or specifications of the bidding document / contract and or the prequalification or bid evaluation process of such contract; or b. Would be involved in the implementation or supervision of such contract, unless the conflict stemming from such relationship has been resolved throughout the procurement process, bidding process during the execution of the contract. c. Have any blood relation, or family member serving in HIT permanent basis or on contract that can directly or indirectly be involved in preparation of bidding documents or can amidst in any part of the bidding process is termed to have conflict of interest. d. An Applicant that has been declared debarred or blacklisted shall be ineligible to be prequalified to bid or enter into any contract for such period of time and for such type of procurement for which he has been declared debarred or blacklisted. The list of debarred firms and individuals is available PPRA's website. e. An Applicant shall provide such documentary evidence for determining the eligibility of the applicant to the reasonable satisfaction of the HIT. f. An Applicant may be ineligible if they are national of ineligible countries as indicated in section V. g. Declaration certificate attached at Annexure J to Section – B		

SCHEDULE OF REQUIREMENT AND DELIVERY

Ser	Nomen	Tech specs	A/U	Qty Req
1.	Refilling of Industrial Argon Gas Cylinder	Cylinder Capacity: 6 -7 m ³ (47 L) standard cylinder	Nos	1
		Application: For MIG / TIG welding shielding gas		
		Grade: Industrial Welding Grade		
2.	Refilling of Industrial Acetylene Gas Cylinder	Cylinder Capacity: 6.8 m ³ (Industrial Standard Cylinder) 250 bar	Nos	1
		Application: For oxy-acetylene welding & cutting		
		Grade: Industrial Welding Grade		
3.	Refilling of Industrial Oxygen Cylinder	Cylinder Capacity: 6–7 m ³ (47 L) standard cylinder, 2000 psi	Nos	2
		Application: For gas welding & cutting		
		Grade: Industrial Welding Grade		
4.	Industrial Cylinder with Valve for Argon Gas (DOT/ISO certified, Size: 6.8 m ³ , Valve Type: CGA580)	Cylinder Capacity: 6.8 m ³	Nos	1
		Valve type: CGA580		
		Type: DOT/ISO certified.		
5.	Valve for Industrial CO ₂ Cylinder (6.8 m ³)	Type: Industrial CO ₂ cylinder valve compatible with 6.8 m ³ CO ₂ cylinder	Nos	1
		Inlet: W21.8x1/14 LH or CGA320 equivalent Material: forged brass		
		Working pressure: Min 150 bar		
6.	Regulator for Industrial Oxygen Cylinder	Type: Two-stage oxygen cylinder pressure regulator.	Nos	1
		Inlet: CGA540 or equivalent.		
		Outlet pressure: 0-10 bar (adjustable).		
		Inlet pressure: up to 200 bar. Gauges: Dual pressure gauges (Cylinder Pressure & Working/Outlet Pressure)		
		Body: brass, Approved for industrial use.		
7.	Regulator for Industrial Acetylene Cylinder	Type: Two-stage acetylene cylinder pressure regulator.	Nos	1
		Inlet: CGA200 or equivalent.		
		Outlet pressure: 0-1.5 bar.		
		Inlet pressure: up to 25 bar.		
		Gauges: Dual pressure gauges (Cylinder Pressure & Working/Outlet Pressure)		
		Body: Brass, Left-hand thread on inlet, Approved for industrial use.		
8.	Regulator for Industrial Argon Cylinder	Type: Two-stage argon cylinder pressure regulator with integrated flow meter (0-30 LPM).	Nos	1
		Inlet: CGA580 or equivalent.		
		Outlet pressure: 0-10 bar.		
		Gauges: Dual pressure gauges (Cylinder Pressure & Working/Outlet Pressure)		
		Flow Meter Range: 0–25 L/min		
		Body: brass. Approved for TIG/MIG welding use.		
9.	Regulator for Industrial CO ₂ Cylinder	Type: Two-stage CO ₂ cylinder pressure regulator with integrated flow meter (0-25 LPM).	Nos	1
		Inlet: W21.8x1/14 LH or CGA320. Outlet pressure: 0-10 bar. Heated regulator preferred.		
		Gauges: Dual pressure gauges (Cylinder Pressure & Working/Outlet Pressure)		
		Flow Meter Range: 0–25 L/min		
		Body: Brass, For MIG welding.		
10.	HSS Tool Bit 12x12x150mm	Material: HSS	Nos	10
		Application: Lathe and Shaper Machine		

		Make: China or equivalent.		
11.	Hand Hacksaw Blade Double Edge (300x25x0.6mm)	Type: 24 TPI Application: Hand Sawing/ cutting of Mild Steel Make: China or equivalent	Doz	10
12.	Engraving Tool for Milling Machine (Dia: 4mm)	Type: Solid carbide engraving cutter / V-groove engraving tool Diameter: 4mm Shank: 4mm straight. Flutes: Single or double flute Material: Solid tungsten carbide Purpose: For engraving and milling aluminium, brass and MS, Suitable for conventional machines	Nos	2
13.	Engraving Tool for Milling Machine (Dia: 6mm)	Type: Solid carbide engraving cutter / V-groove engraving tool Diameter: 6mm Shank: 6mm straight. Flutes: Single or double flute Material: Solid tungsten carbide Purpose: For engraving and milling aluminium, brass and MS, Suitable for conventional machines	Nos	2
14.	Grinding Wheel (Silicon Carbide, Size: 250x25x32)	Type: Straight grinding wheel Size: 250mm OD x 25mm width x 32mm bore Grit: 60 (medium) Grade: Medium (J–K or equivalent) Bond: Vitrified. Application: Grinding and sharpening of carbide tools, non-ferrous metals, cast iron, and other hard materials	Nos	6
15.	Knurling Tool (Diamond type) for Lathe Machine	Type: Push or scissor type with two knurl wheels Pattern: Diamond (crossed) Pitch: Medium (0.8 or 1.2 mm) Wheel Material: Hardened alloy steel / High-speed steel (HSS) Holder: Hardened tool steel. Shank: Compatible with standard lathe tool post.	Doz	1
16.	Power Saw Blade (Size: 14 inch)	Length: 14 inch Type: Abrasive cut-off or TCT tipped. For cutting mild steel, pipes, and structural sections. Material: High-Speed Steel (HSS), M2 grade or equivalent Teeth Type: Precision milled teeth Teeth per Inch (TPI): 14 TPI (general purpose)	Doz	6
17.	HSS Drill Bit Dia: 3mm	Diameter: 3mm Material: High-Speed Steel (HSS), M2 grade or equivalent Point angle: 118-degree standard Finish: Bright or black oxide. Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.	Nos	12
18.	HSS Drill Bit Dia: 4mm	Diameter: 4mm Material: High-Speed Steel (HSS), M2 grade or equivalent Point angle: 118-degree standard Finish: Bright or black oxide. Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.	Nos	12
19.	HSS Drill Bit Dia: 6mm	Diameter: 6mm Material: High-Speed Steel (HSS), M2 grade or equivalent Point angle: 118-degree standard Finish: Bright or black oxide. Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.	Nos	6
20.	HSS Drill Bit Dia: 8mm	Diameter: 8mm Material: High-Speed Steel (HSS), M2 grade or equivalent Point angle: 118-degree standard Finish: Bright or black oxide. Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.	Nos	6
21.	HSS Drill Bit Dia: 10mm	Diameter: 10mm Material: High-Speed Steel (HSS), M2 grade or equivalent	Nos	6

		Point angle: 118-degree standard		
		Finish: Bright or black oxide.		
		Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.		
22.	HSS Drill Bit Dia: 12mm	Diameter: 12mm	Nos	6
		Material: High-Speed Steel (HSS), M2 grade or equivalent		
		Point angle: 118-degree standard		
		Finish: Bright or black oxide.		
		Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.		
23.	HSS Drill Bit Dia: 14mm	Diameter: 14mm	Nos	6
		Material: High-Speed Steel (HSS), M2 grade or equivalent		
		Point angle: 118-degree standard		
		Finish: Bright or black oxide.		
		Purpose: For drilling mild steel, alloy steel, cast iron, aluminium and brass, Conform to DIN338 or equivalent.		
24.	Insulation Tape	Size: 8 yard	Nos	12
		Colour: Black		
		Make: Osaka or equivalent		
25.	Silicon Tube 80gm	Type: Transparent RTV Silicone Sealant	Nos	5
		Make: GMSA or equivalent		
26.	Samad Bond Tube 80gm	Type: Contact Adhesive	Nos	5
		Make: Samad rubber works ltd or equivalent		
27.	Lubrication Oil SAE 20W40	Application: For use as lubrication oil in machine tools like lathe, milling etc	Ltr	4
		Grade: SAE 20W50		
		Make: PSO, Hascol or equivalent good quality		
28.	Antirust Spray 330ml Bottle	Type: WD40 Antirust Spray Lubricant - Multi-use Product 200ml bottle	Nos	2
		Make: Adenwalla & Sons or equivalent good quality		
29.	Emery Paste 110g	Type: Lapping/ valve grinding compound (emery paste)	Nos	1
		Net weight: 110g		
		Grit: Double grade (Coarse & Fine)		
		Base: Grease/oil-based compound Application: Lapping and seating of engine valves and valve seats		
30.	Paper Gasket Sheet (Size: 1x1 meter, thickness: 1mm)	Type: Compressed cellulose fibre / gasket paper, oil-resistant	Nos	1
		Size: 1000x1000mm. Thickness: 1mm. Temp resistance: min 150 deg C. Application: Suitable for cutting custom gaskets for automotive engine and machinery applications		
31.	Air Quick Release Coupling Set incl All Accessories	Type: Pneumatic quick-release coupling set, push-to-connect.	Set	2
		Thread: 1/4 inch BSP male/female. Working pressure: Min 10 bar.		
		Body: steel or brass.		
		Includes: Male plug, female socket, and all required adaptors.		
		Compatibility:		
		Suitable for existing air compressor, pneumatic hose and pneumatic tools available at MTI – HIT		
32.	Air Hose Reel alongwith Quick Release Coupler (Outlet: 15m, Inlet: 5m)	Type: Automatic spring-loaded retractable hose reel	Nos	1
		Outlet hose length: 15m		
		Inlet hose length: 5m		
		Hose bore: 3/8 inch or 1/4 inch. Working pressure: Min 10 bar.		
		Hose Material: Hybrid polymer / PVC-rubber blend or polyurethane, abrasion-resistant		
		Mounting: Wall or ceiling mountable with swivel mounting bracket		
		Fittings: Complete with 1/4 inch BSP quick-release coupler and plug		
		Accessories Included: Quick-release coupler included, Wall mountable bracket included.		
		Make: Ingco or equivalent		

33.	Air Blower (Aspirator Blower) 800W, 4.5m3/min	Type: Electric air blower/aspirator. Power: 800W. Airflow: Variable 0 - 4.5 m3/min.	Nos	1
		No-load speed: 0-15000 rpm		
		Input Voltage: 220V AC, 50Hz.		
		Application: Portable with handle. For workshop ventilation, dust blowing, and cooling of machinery.		
		Make: Ingco AB8038 or equivalent		
34.	Pneumatic Paint Spray Gun with Quick Release Couplings (1000ml, Gravity Type)	Type: Pneumatic gravity-feed spray gun.	Nos	1
		Cup capacity: 1000ml.		
		Type: HVLP or conventional gravity-feed. Nozzle size: 1.4-2.0mm adjustable. Air inlet: 1/4 inch with quick-release coupling.		
		Pattern width: 180-250mm		
		Working pressure: 2-4 bar.		
		Application: For paints, primers, and lacquers.		
35.	Digital Clamp Multimeter (1200A True RMS AC/DC Current Tester)	Make: Ingco ASG2101 or equivalent	Nos	2
		Type: ANENG AN8802 or equivalent		
		Current Measurement Method: Clamp type (non-contact)		
		True RMS: Capable		
		Jaw Opening: Minimum 40 mm		
36.	Digital Earth Ground Tester	Application: For electrical lab practicals	Nos	1
		Make: China or Equivalent		
		Type: UNI-T UT522 or equivalent		
		Application: Measurement of earth/ground resistance and earth voltage		
37.	Universal Thimble Clamper (Crimping Press Pliers)	Test Method: 2-wire and 3-wire earth resistance testing	Nos	2
		Make: China, Pakistan or equivalent		
		Type: UNI-T TU-190-07 or equivalent		
38.	One Way Electric Switch	Application: Crimping/ punching of cable thimbles (terminal lugs/ ferrules)	Nos	24
		Make: China or equivalent		
		Material: Industrial quality Plastic		
39.	Two Way Electric Switch	Application: Indoor electrical wiring and practical training	Nos	24
		Make: China, Pakistan or equivalent		
		Material: Industrial quality Plastic		
40.	Electric Push Button	Application: Indoor electrical wiring and practical training	Nos	12
		Make: China, Pakistan or equivalent		
		Material: Industrial quality Plastic		
41.	Simple Electric Socket	Application: Indoor electrical wiring and practical training	Nos	24
		Make: China, Pakistan or equivalent		
		Material: Industrial quality Plastic		
42.	Electric Door Bell	Application: Indoor use for electrical wiring demonstrations and installations	Nos	2
		Make: China, Pakistan or equivalent		
		Material: Industrial quality Plastic		
43.	Digital Volt Indicator (range upto 500V)	Type: Digital Voltmeter, Panel Mounted, 4-digit LED digital display, Range upto 500V	Nos	5
		Application: For digital indication of voltage in any circuit.		
		Make: Pakistan, China or equivalent		
44.	Digital Ampere Indicator (range upto 20A)	Type: Digital Ampere indicator, Panel Mounted, 4-digit LED digital display, Range upto 20A	Nos	5
		Application: For digital indication of amperes in any circuit.		
		Make: Pakistan, China or equivalent		
45.	Electric Bulb Holder	Material: Industrial quality Plastic	Nos	12
		Base: E27 Edison Screw		
		Application: Indoor use for electrical wiring demonstrations and installations		
		Make: China, Pakistan or equivalent		

46.	Filament Lamp 200W	Type: Incandescent (Filament) Lamp 200 Watt	Nos	6
		Base: E27 Edison Screw		
		Application: Practical demonstrations		
		Make: China, Pakistan or equivalent		
47.	LED Bulb 12W	Type: 12Watt	Nos	12
		Application: Practical demonstrations		
		Make: Philip or Osaka		
48.	PVC Board (06 Slot)	Type: Industrial quality Plastic with 06 Slots	Nos	5
		Application: For making different circuits and practical demonstration.		
		Make: China, Pakistan or equivalent		
49.	PVC Board (Single Slot)	Type: Industrial quality plastic with single slot	Nos	10
		Application: For making different circuits and practical demonstration.		
		Make: China, Pakistan or equivalent		
50.	PVC Pipe, 1 Inch Dia (10 ft length)	Type: Rigid Electrical PVC Conduit pipe 1" diameter	Nos	10
		Application: For electrical wiring demonstrations		
		Make: China, Pakistan or equivalent		
51.	PVC Elbow, 1 Inch Dia	Type: Rigid Electrical PVC elbow 1" diameter	Nos	24
		Application: For electrical wiring demonstrations		
		Make: China, Pakistan or equivalent		
52.	PVC Socket, 1 Inch Dia	Type: Rigid Electrical PVC socket 1" diameter	Nos	24
		Application: For electrical wiring demonstrations		
		Make: China, Pakistan or equivalent		
53.	Light Plug with PVC Board (10 Ampere)	Type: 3-Pin Socket Outlet with PVC Modular Board	Nos	4
		Rated Current: 10 A		
		Application: For electrical wiring demonstrations		
		Make: China, Pakistan or equivalent		
54.	Soldering Iron with Stand (100W)	Rated Power: 100 W	Nos	5
		Heating Element: High-efficiency ceramic or nichrome heating element		
		Tip Material: Copper with iron-plated, replaceable tip		
		Stand: Metal stand with spring holder and cleaning sponge		
		Application: Soldering and desoldering of electrical and electronic components, wires and terminals		
		Make: Pakistan, China or equivalent		
55.	MCB Circuit Breaker (Single and Double Pole)	Make: Schneider MCB-20A or equivalent	Nos	6
		No of Poles: Single Pole (Qty-03)		
		Double Pole (Qty-03)		
		Tripping Characteristic:		
		Type C		
		Application: Practical demonstration for Protection against overload and short circuit in electrical circuits		
56.	MCCB Circuit Breaker, 3 Pole 100 Ampere	Type: Thermal-Magnetic MCCB	Nos	3
		No of Poles: Three Pole		
		Rated Current Capacity: 100 A		
		Tripping Mechanism:		
		Thermal overload and magnetic short-circuit protection		
		Make: Schneider or equivalent		
		Application: Practical for		
		Protection of three-phase electrical circuits against overload and short-circuit faults		
57.	RCBO Circuit Breaker, 20 Ampere	Type: Thermal-Magnetic RCBO	Nos	4
		Rated Current Capacity: 20 A		
		No of Poles: Single Pole + Neutral (1P+N)		
		Make: Schneider or equivalent		
58.	RCCB Circuit Breaker, 25 Ampere	Application: Practical for Earth leakage, overload and short-circuit protection	Nos	2
		Type: RCCB (Residual Current Device)		
		Rated Current Capacity: 25 A		

		No of Poles:		
		2 Pole (2P)		
		Make: Schneider or equivalent		
		Application: Practical for Protection against earth leakage and electric shock		
59.	MPCB Circuit Breaker, 20 Ampere	Type: Motor Protection Circuit Breaker (MPCB)	Nos	4
		Rated Current Capacity: 20 A		
		No of Poles:		
		3 Pole		
		Make: Schneider or equivalent		
60.	Distribution Board for MCCBs (3 Phase with 24 Slots)	Application: Practical for Protection of three-phase motors against overload, phase loss and short circuit	Nos	1
		Type: Industrial Grade Three-Phase Distribution Board (with metal enclosure)		
		Capacity: 24-Way (24-Module)		
		System: 3-Phase, 4-Wire		
		Enclosure Material: Powder-coated CRCA steel sheet, minimum 1.2 mm thick		
		Busbar: Tinned copper busbar with neutral and earth bars		
		Mounting: DIN rail for MCBs, RCCBs and other modular devices; suitable provision for MCCB mounting		
61.	Heavy Duty Extension Lead (Single Phase 15A with 5 Meter Cable)	Finish: Powder-coated, corrosion-resistant	Nos	3
		Make: Schneider Electric, Siemens, Chint or equivalent		
		Type: Single Phase Heavy Duty Extension Lead		
		Rated Current: 15 A		
		Cable Length: 5 meters		
		Cable Type: 2-core flexible copper cable (1.5mm ²)		
		Body Material: High-impact, flame-retardant ABS/polycarbon		
62.	Cable Roll 3/0.029, 90 Meter Length	Application: Power supply for soldering stations, soldering irons and other portable electrical equipment	Nos	3
		Preferred Make: Master, Pakistan Cables, Fast Cables, Hi-Tech, Ingco or equivalent		
		Type: PVC Insulated Copper Cable Roll		
		Conductor Size: 3/0.029 (approximately 2.0 mm ²)		
		Cable Length: 90 metres roll		
63.	Cable Roll 7/0.029, 90 Meter Length	Application: Electrical wiring, preparation of practical circuits and training installations	Nos	2
		Preferred Make: Pak Muzaffar, Pakistan Cables, Fast Cables or equivalent		
		Type: PVC Insulated Copper Cable Roll		
		Conductor Size: 7/0.029 (approximately 4 mm ²)		
		Cable Length: 90 metres roll		
64.	Cable Roll 7/0.036 (4mm ²), 90 Meter Length	Application: Electrical wiring, preparation of practical circuits and training installations	Nos	1
		Preferred Make: Pak Muzaffar, Pakistan Cables, Fast Cables or equivalent		
		Type: PVC Insulated Copper Cable Roll		
		Conductor Size: 7/0.036 (approximately 6 mm ²)		
		Cable Length: 90 metres roll		
65.	Cable Roll 1mm ² , 2 Core, 90 Meter Length	Application: Electrical wiring, preparation of practical circuits and training installations	Nos	1
		Preferred Make: Pak Muzaffar, Pakistan Cables, Fast Cables or equivalent		
		Type: 2-Core Flexible PVC Insulated Copper Cable		
		Conductor Size: 1 mm ²		
		Cable Length: 90 metres roll		

66.	Cable Roll 1mm ² , 3 Core, 90 Meter Length	Type: 3-Core Flexible PVC Insulated Copper Cable	Nos	1
		Conductor Size: 1 mm ²		
		Cable Length: 90 metres roll		
		Application: Electrical wiring, preparation of practical circuits and training installations		
		Preferred Make: Pak Muzaffar, Pakistan Cables, Fast Cables or equivalent		
67.	Cable Roll 4mm ² , 2 Core, 90 Meter Length	Type: 2-Core Flexible PVC Insulated Copper Cable	Nos	1
		Conductor Size: 4 mm ²		
		Cable Length: 90 metres roll		
		Application: Electrical wiring, preparation of practical circuits and training installations		
		Preferred Make: Pak Muzaffar, Pakistan Cables, Fast Cables or equivalent		
68.	Flexible Cable Roll 40/0.076, 45 Meter Length	Type: Single-Core Flexible PVC Insulated Copper Cable	Nos	1
		Conductor Size: 40/0.076 (approximately 16 mm ²)		
		Cable Length: 45 metres roll		
		Application: Electrical wiring, preparation of practical circuits and training installations		
		Preferred Make: Pak Muzaffar, Pakistan Cables, Fast Cables or equivalent		
69.	Phase Failure Relay, 380-480V AC	Type: Three-Phase Voltage Monitoring Relay	Nos	3
		Rated Voltage: 380–480 V AC Three phase		
		Mounting: DIN Rail Mount		
		Indication: LED indication for power and fault status		
		Reset Mode: Automatic/manual reset (as per manufacturer)		
		Application: Practical demonstration of three-phase supply monitoring, phase failure detection and motor protection		
		Make: Schneider, Siemens, ABB, Lovato, CHINT, Autonics or equivalent.		
70.	Overload Relay	Type: Three-Phase Motor Overload Protection Relay	Nos	4
		Rated Voltage: Up to 690 V AC		
		Protection: Overload and phase failure protection		
		Mounting: Direct mounting with contactor or DIN rail mounting		
		Application: Practical demonstration and assembly of motor control circuits, starters and protection circuits		
		Preferred Make: Schneider, Siemens, ABB, CHINT, LS or equivalent.		
71.	CT Transformer (500/5A, 15 VA)	Type: Ring/Core Type Current Transformer	Nos	3
		Ratio: 500/5 A		
		Burden: 15 VA		
		Mounting: Panel mounting / busbar mounting (as applicable)		
		Application: Current measurement in Star/Delta and Forward/Reverse motor control circuits and practical demonstrations		
		Preferred Make: FICO, Schneider, Siemens, ABB, CHINT or equivalent		
72.	Fuse 15A	Type: Electrical Cartridge Fuse / Rewireable Fuse	Nos	6
		Rated Current: 15 A		
		Mounting: Suitable for fuse holder/training board installation		
		Application: Protection of electrical circuits against overcurrent and short-circuit faults during practical demonstrations		
		Make: Pak Elektron (PEL), Schneider Electric, Chint or equivalent		
73.	Insulated Tweezer	Type: Precision Electronics Insulated Tweezer	Nos	5
		Tip Type: Fine pointed, straight tip		
		Application: Holding, positioning and handling of electronic components during soldering, assembly and repair work		
		Preferred Make: Ingco or equivalent		
74.	Combination Pliers 7 inch	Type: Heavy Duty Combination Pliers	Nos	2
		Size: 7 inch (180 mm)		

		Preferred Make: Ingco or equivalent		
75.	Wire Stripping Pliers 6 inch	Type: Manual Wire Stripper / Stripping Pliers	Nos	4
		Size: 6 inch (150 mm)		
		Application: Stripping, cutting and preparation of electrical wires		
		Preferred Make: Ingco or equivalent		
76.	Diagonal Cutting Pliers 7 inch	Type: Heavy Duty Diagonal/ Side Cutting Pliers	Nos	4
		Size: 7 inch (180 mm)		
		Application: Cutting electrical wires, cables and conductors		
		Preferred Make: Ingco or equivalent		
77.	Analog Indicators (for Current and Voltage Indication)	Type: Analog Panel Indicator (Ammeter/Voltmeter) Qty-5 of each	Nos	10
		Display Type: Pointer type with graduated scale		
		Current Range: 0–10 A DC/AC		
		Voltage Range: 0–300 V AC/DC		
		Accuracy Class: Class 1.5 or better		
		Application: Practical demonstration of current and voltage measurement in electrical circuits		
		Preferred Make: Schneider/Siemens/CHINT or equivalent		
78.	Battery Lead Acid (12V, 180AH)	Type: Rechargeable Lead Acid Battery	Nos	4
		Capacity: 12V, 180AH		
		Construction: Maintenance-free / low-maintenance lead acid		
		Application: Power supply for practical demonstrations		
		Make: AGS, Daewoo or equivalent		
79.	Battery Connecting Leads and Thimbles	Type: Heavy Duty Flexible Copper Battery Cable Assembly	Nos	12
		Cable Size: Suitable for 12 V, 180 AH battery application (min 35 mm ²)		
		Cable Length: Approx. 1.5–2.0 metre each lead		
		Set Configuration: Complete set of Positive (+) and Negative (–) leads		
		Terminals: Heavy-duty copper/brass thimbles/lugs with proper crimping		
		Make: Pakistan Cables, Fast Cables, General Cables, AGS/Daewoo accessories or equivalent		
80.	VFD Delta (Single Phase and 3 Phase, 2hp-10hp)	Series: Delta or equivalent	Nos	1
		Type: AC Drive / Variable Speed Drive		
		Power Rating:		
		2 HP to 10 HP		
		Output: Three Phase AC output for motor control		
		Application: Controlling motor speed and frequency, practical demonstration of industrial motor drives and automation applications		
		Preferred Make: Delta, Schneider, Siemens, ABB, INVT or equivalent.		
81.	Transformer Set (Single Phase, 500VA)	Type: Step-Up / Step-Down Demonstration Transformer	Nos	2
		Capacity: 500 VA		
		Input Voltage (Primary): 220 V AC		
		Output Voltage (Secondary): 24 V AC and 48 V AC		
		Terminals: Accessible input/output terminals		
		Application: Practical demonstration of voltage step-down/step-up principles		
		Preferred Make: T&C Transformers, Pak Elektron (PEL), Schneider Electric, CHINT or equivalent		
82.	PLC Relay Modules (Generic 8-Channel, 12V)	Type: 8-Channel Electromechanical PLC Interface Relay Module	Nos	4
		Coil Voltage: 12V / 24V DC		
		Input Signal: Compatible with 12V/24V DC PLC/Controller outputs		
		Output Terminals: NO, NC and COM for each channel		
		Relay Contact Type:		
		SPDT (NO, NC, COM for each channel)		
		Application: Switching and control of electrical loads during PLC and automation practicals		

		Preferred Make: Waveshare, DFRobot, SainSmart, Keyestudio or equivalent		
83.	PLC Proximity Sensor (PNP Type)	Type: Inductive Proximity Sensor, PNP, Normally Open (NO)	Nos	4
		Sensing Distance: 4–8 mm		
		Supply Voltage: 10–30 V DC		
		Connection: 3-wire, 2 m PVC cable		
		Indicator: Built-in LED output status indicator		
		Application: Object detection and position sensing in PLC, relay module and industrial automation practicals		
		Preferred Make: Autonics, Omron, Delta, FOTEK, DADISICK, CHINT or equivalent		
84.	PLC Proximity Sensor (NPN Type)	Type: Inductive Proximity Sensor, NPN, Normally Open (NO)	Nos	4
		Sensing Distance: 4–8 mm		
		Supply Voltage: 10–30 V DC		
		Connection: 3-wire, 2 m PVC cable		
		Indicator: Built-in LED output status indicator		
		Application: Object detection and position sensing in PLC, relay module and industrial automation practicals		
		Preferred Make: Autonics, Omron, Delta, FOTEK, DADISICK, CHINT or equivalent		
85.	PLC Temperature Sensor (PT100 4-20mA) with Display Unit	Sensor Type: PT100 RTD Temperature Sensor	Nos	2
		Input Type: PT100 (3-wire preferred)		
		Output Signal: 4–20 mA Analog Output		
		Supply Voltage: 12–24 V DC		
		Temperature Range: 0 to 200°C (minimum)		
		Display Unit: Digital LED/LCD Temperature Indicator		
		Display Range: Compatible with PT100 sensor (programmable)		
		Application: Temperature measurement, monitoring and PLC analog input practicals using 4–20 mA instrumentation		
		Preferred Make: Autonics, Omron, Delta, WIKA, Dwyer, CHINT or equivalent		
86.	PLC Pressure Sensor with Display Unit	Sensor Type: Electronic Pressure Transmitter	Nos	2
		Pressure Range: 0–10 bar (preferred)		
		Output Signal: 4–20 mA Analog Output		
		Supply Voltage: 12–24 V DC		
		Display: Built-in Digital LED/LCD Pressure Display		
		Pressure Connection: G1/4" BSP Male (preferred)		
		Application: Pressure measurement, monitoring and PLC analog input practicals using 4–20 mA instrumentation		
		Preferred Make: Autonics, WIKA, Danfoss, Omron, SMC, CHINT, Delta or equivalent		
87.	PLC Flow Sensor with Display Unit	Sensor Type: Electronic Flow Sensor / Flow Transmitter	Nos	2
		Measuring Medium: Water (preferred for training applications)		
		Flow Range: 1–30 L/min (preferred)		
		Output Signal: 4–20 mA Analog Output		
		Supply Voltage: 12–24 V DC		
		Display: Built-in Digital LED/LCD Flow Display		
		Process Connection: G1/2" BSP Male (preferred)		
		Application: Flow measurement, monitoring and PLC analog input practicals using 4–20 mA instrumentation		
		Preferred Make: Autonics, IFM Electronic, SMC, Omron, WIKA, CHINT, Delta or equivalent		
88.	PLC Level Sensor with Display Unit	Sensor Type: Electronic Level Transmitter	Nos	2
		Measuring Medium: Water (preferred for training applications)		
		Measuring Range: 0–1 metre (preferred)		
		Output Signal: 4–20 mA Analog Output		
		Supply Voltage: 12–24 V DC		
		Display: Built-in Digital LED/LCD Level Display		
		Probe Type: Submersible or threaded level transmitter (as required)		

		Cable Length: 3 metres (minimum) Application: Liquid level measurement, monitoring and PLC analog input practicals using 4–20 mA instrumentation Preferred Make: Autonics, WIKA, Siemens, Endress Hauser, Omron, CHINT, Honeywell or equivalent		
89.	PLC Programming Kit for Operation of Sensors	Type: PLC Programming & Sensor Interface Training Kit Supply Voltage: 220 V AC input, 24 V DC output PLC Operating Voltage: 24 V DC Digital Inputs: Minimum 8 × 24 V DC Digital Outputs: Minimum 8 × 24 V DC (Relay/Transistor) Analog Inputs: Minimum 4 × (4–20 mA / 0–10 V) Analog Outputs: Minimum 2 × (4–20 mA / 0–10 V) Relay Interface: Compatible with 8-Channel Electromechanical PLC Interface Relay Module (12/24 V DC) Sensor Compatibility: Compatible with PNP & NPN Proximity Sensors, PT100 Temperature Sensor, Pressure Sensor, Flow Sensor and Level Sensor (4–20 mA) Programming Software: Licensed PLC programming software with programming cable Communication: USB, RS-485 (Ethernet preferred) Mounting: Bench-top training panel Accessories: Programming cable, software, user manual and experiment manual, wiring accessories and cables for sensor connections Application: PLC programming, digital/analog I/O interfacing, sensor integration and industrial automation practicals Preferred Make: Delta, Siemens, Omron, Mitsubishi Electric, Schneider Electric or equivalent	Nos	1
90.	DC Motor (12V, 60W, 7000 rpm)	Type: Permanent Magnet DC (PMDC) Motor Power: 60W, 12V DC, 7000 RPM (approx) Direction of Rotation: Reversible (by polarity change) Application: Practical demonstration of DC motor operation, speed control, motor characteristics and electrical drive applications Preferred Make: Mabuchi, Johnson Electric, Bosch, Maxon, VEVOR or equivalent.	Nos	2
91.	Servo Motor (1kW, 3 Phase)	Type: AC Servo Motor Power: 1 kW 3 Phase Rated Speed: Approx. 2000–3000 RPM (as per manufacturer) Torque: As per manufacturer's standard (approx. 3–5 Nm) Mounting: Flange/foot mounted Application: Motion control, automation systems, CNC and industrial control practicals Preferred Make: Siemens, Schneider or equivalent	Nos	2
92.	Dye Penetrant Testing Kit for Non-Destructive Testing (NDT)	Type: Visible Red Dye Penetrant Inspection Kit Kit Contents: 450ml can each of Cleaner (treatment), Penetrant and Developer Make: Nabakam Mega check Coloring Penetrant Detection Agent for Crack Detection or equivalent	Nos	2
93.	Digital IC Tester Kit	Type: Digital IC Tester Kit Preferred Model: D2260 or equivalent Supported IC Types: TTL, CMOS and standard digital logic ICs Test Parameters: Logic function verification, pin status and device identification Accessories: Power adapter, user manual and carrying case (preferred) Application: Testing and verification of digital integrated circuits during practical training and repair work Make: Gecu, FNIRSI, Sunshine, GW Instek or equivalent.	Nos	1
94.	Digital Cable	Type: Digital Cable Tester and Wire Tracer	Nos	1

	Tester/Tracer (UT25CL or equivalent)	Preferred Model: UT25CL or equivalent. Functions: Cable tracing, wire identification, continuity testing, open/short circuit detection and line status indication		
		Supported Cable Types: Twisted pair (UTP/STP), telephone cable, coaxial cable and general electrical cables		

Note: **Delivery Period will be 01x Month after signing of Contract.**

*(Complete Name of Bidder)

Name and Signature:

*(Complete name of the person authorized to sign the Bid on behalf of the Bidder) Date:

EVALUATION CRITERIA

1. Evaluation will be carried out on Least Cost method as under: -

Ser	Evaluation Criteria	Total Marks	Minimum Passing Marks
a.	Performance Evaluation (SCM Directorate)	50	25
b.	Technical Evaluation (User Factory)	50	35
c.	Price Evaluation	100	1 st Lowest

2. **Performance Evaluation (SCM Directorate) – 50 Marks**

- a. **Financial Soundness**. Following parameters will be used:-

Ser	Description	Max Marks	Calculation Procedure	Remarks
(1)	Annual turnover of last 3 x Financial Years	5	Marks will be calculated as per the formula: - $\text{Score} = \frac{(Y1+Y2+Y3)}{(3 * X)} * 5$ - 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) 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.
(2)	Working Capital of last three years	10	Marks will be calculated as per the formula: - $\text{Score} = \frac{(Y1+Y2+Y3)}{(3 * X)} * 10$ - 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.	
(3)	Litigation history	-	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 Marks	Calculation Procedure
(1)	Projects of similar nature and complexity	10	3 years (1.3 mark per contract Max 3.3 marks per year) - New Firms will be awarded 2.5 gratis marks
(2)	Status of enlistment with Govt Organization (<i>Attested copies of Registration certificate to be enclosed</i>)	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.** Marks for past performance shall be awarded on the basis of following criteria (New firms will be awarded passing marks):-

Ser	Description	Max Marks	Calculation Procedure
(1)	Contracted store supplied beyond DP in last 3 years	2.5	- X1 = Total value of last 3 years' contracts. - X2 = Total value of stores delivered within Delivery Period (last 3 years' contracts). 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 items accepted in first go (last 3 years' contracts). Formula: Score= $\frac{X2}{X1} * 2.5$
(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= $\frac{X2}{X1} * 2.5$
(4)	No of contracts / items still pending beyond DP	5	One mark would be deducted for each contract in hand, whose deliveries are over due for more than 2 months
(5)	Risk and Expense action against firm approved	2.5	Half mark will be deducted against each Risk and Expense action approved / done within last 3 years
(6)	Response to HIT Procurement queries /problems (last 3 years)	5	- Half mark will be deducted for each advice letter issued to firm - One mark will be deducted for each warning letter issued to the firm
Total		20	

- d. **Project Technical Evaluation Parameters (50 Marks)**

Tech Evaluation Criteria		
Proc of Stores (Raw Material / Parts/ New Machinery/ Eqpt)		
Ser	Criteria	Total Marks
1.	Tech Specs / Parameters Compliance (Meeting specification, performance and critical parameters is mandatory)	30
2.	Tech data package (Tech/ User/ Maint manuals, drawings, reports)	10
3.	Past Performance	10
Total		50
Note: Minimum qualifying threshold: 35/50 for commercial opening		

SCHEDULE OF PRICE - SUMMARY

Ser	Part Number	Nomenclature	Description / Specifications	A/U	Quantity	Price Per Unit (Rs)	Total Price (Rs)	Total Price in Words
1.								
2.								
3.								
.								
.								
.								
Total Price without Taxes:							Rs. ----- -	
Details of applicable Taxes:					GST	@ 18 %	Rs. -----	
Total Price with Taxes GST:							Rs. ----- -	
Total Price in words								

Annexure D to Section - B

IT No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated Aug 2026

NON DISCLOSURE AGREEMENT

1. The Recipient _____ (Name of CEO/Director) of _____ (Name of firm) desires to have business interactions with _____ (Department/Sponsor) for _____ (Purpose).
2. 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 future business 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 Information as 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 Confidential Information from the Disclosing Party.
 - b. **Disclosure of Confidential Information**. 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. **Term.** 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 efforts by 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 to the 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 hereunder may 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 given and 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.

Signature: _____
 Name: _____
 Appointment: _____
 Organization/Firm: _____
 Name: _____
 Date: _____ 2026

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. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated Aug 2026

BID SECURITY / EARNEST MONEY FORM

To: _____ [name of the Procuring Agency]

Whereas [name of the Bidder] (hereinafter called "the Bidder") has submitted its Bid dated [date of submission] for the delivery of [name and/or description of the goods] (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE [name of Financial Institution] of [country], having our registered office at [address of Financial Institution] (hereinafter called "the Bank"), are bound unto [name of PA] (hereinafter called "the Procuring Agency") in the sum of [amount] for which payment well and truly to be made to the said Procuring Agency, the Bank binds itself, its successors, and assigns by these presents.

Sealed with the Common Seal of the said Bank this ____ day of ____ 20 ____.

The conditions of this obligation are:

1. If the Bid
 - a. have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;
 - b. Disagreement to arithmetical correction made to the Bid price; or
 - c. having been notified of the acceptance of our Bid by the Procuring Agency 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.
2. We undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency states the amount claimed by it is due to it, owing to the occurrence of one or both of the conditions, specifying the occurred condition or conditions.
3. This guarantee shall remain in force up to and including twenty-eight (28) days after the period of Bid Validity, and any demand in respect thereof should reach the Bank not later than the above date.

Name: _____ in the capacity of _____
 Signed: _____ [Signature of the Bank]
 Dated on _____ day of _____ 20 _____

IT No. 4615/IT-7860/26-27/MTI/FOR-B/SCM Dte dated Aug 2026

**BANK GUARANTEE FOR PERFORMANCE/WARRANTY ON JUDICIAL STAMP PAPER /
E-STAMP PAPER OF Rs. 100/- OR AS SUITABLE TO THE AMOUNT OF BG**

Contract No. _____ Date. _____

Name of Firm/Contractor _____

Address of Firm/Contractor _____

Name of Guarantor _____

Address of Guarantor _____

Amount of Guarantee Rs. _____ (in words)

Date of Expiry of Guarantee _____

To : The President of the Islamic Republic of Pakistan

Through : The Controller of Military Accounts (Defence Purchase), Rawalpindi /
CMA (HIT), Taxila Sir,

Whereas your good-self have entered into a Contract with Messrs _____
[name of Supplier] (hereinafter referred to as our "Customer") pursuant to the Contract
No. _____ dated _____ (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you good-self in the said Contract as
one of the conditions that our customer shall furnish your good-self with an unconditional
Bank Guarantee by a reputable bank for the sum specified therein as security for
compliance with our customer's performance obligations in accordance with the
Contract.

AND WHEREAS we have agreed to give our customer a guarantee:

THEREFORE, WE hereby affirm that we are the Guarantors and responsible to
your good-self, on behalf of our customer, for a sum of Rs [amount of the
guarantee in words and figures]. In compliance with this stipulation of the Contract, we
hereby agree and undertake as under: -

- a. To pay you unconditionally upon your first demand and/or without any reference
to our customer, declaring our customer to be in default under the Contract
and without cavil or argument, any sum not exceeding Rs ___ [amount of the
guarantee in words and figures] as would be mentioned in your written Demand
Notice, without your needing to prove or to show grounds or reasons for your
demand or the sum specified therein.
- b. To keep this Guarantee in force till ___ [date]
- c. That the validity of this Bank Guarantee shall be kept one clear year ahead of the
original/extended delivery period or the warrantee of the stores which so ever is
later in duration on receipt of information from our customer i.e. M/S ___ or ___ from
your office. Our liability under this Bank Guarantee shall cease on the closing of
banking hours on the last date of the validity of this Bank Guarantee. Claim
received thereafter shall not be entertained by us whether you suffer a loss or
not. On receipt of payment 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 right to 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.

Signature and seal of the Guarantors [name of bank or financial institution]

Date: _____ Address: _____ Name of Bank: _____

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 for _____ months/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.*

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 Number _____ dated _____

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 Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.
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 give to anyone within or outside Pakistan either directly or indirectly through any natural or 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 expressly declared pursuant hereto.
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 it on account of its corrupt business practices and further pay compensation to GoP in 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]

Annexure J to Section - B**DECLARATION CERTIFICATE**
CONFLICT OF INTREST

1. It is certified that M/s _____ is participating for tender no _____ FY _____. There is no Filial relationship of this company/ firm employed in Heavy Industries Taxila as per following details:-

“Family members including an individual’s spouse, siblings (whether of whole or half blood), children (natural or adopted), parents, grandparents, spouses of siblings (i.e brothers and sisters) siblings, children, sibling’s grandchildren, sibling’s great grandchildren and any often relative not covered above living in accommodation of HIT”.

2. I also certify that none of my near relatives (father, mother, brother, sister, uncle, son, daughter or any other near relative) or any other person who is participating in this tender in a manner that may amount to cartelization. In case any such person attempts to do so, I undertake to inform Heavy Industries Taxila, Ministry of Defence, Pakistan of this fact without any loss of time.

3. I therefore certify that the information given in this proforma is correct to the best of my knowledge, I understand that in case it is found at any stage that information is incorrect or contrary to the facts/ information given in the application form, the authorities concerned has the right to cancel the registration of the firm and alongwith blacklisting and cross debarring for upto ten years to do any business with the Defence Establishment and Government Agencies in Pakistan. I also undertake and accept that any disciplinary action taken against the firm or its management will not be challenged in any court of Law.

4. This Certificate is signed by CEO / MD of this Company.

Signature of the Applicant

Place: _____

Name: _____
(In block letters)

Office Stamp:

Designation: _____

Date: _____

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 _____

Date _____

Telephone No _____

To: Supply Chain Management 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. **No Reservations**. 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. **State-Owned Enterprise or Institution**: *[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. **Conformity**. 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. **Bid Validity Period.** Our Bid shall be valid upto **120 x 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 before this date; and it shall remain binding upon us, and may be accepted at any 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. **One Bid per Bidder.** 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;
 - l. **Fraud/Corruption and Offering Gifts/Favours.** We hereby certify that we 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 Dir (SCM) is attached with Technical Bid.
 - b. The OEM part number and its interchangeability with demanded part number have been indicated and relevant catalogue/ extract have been attached. (In case the OEM products are offered).
 - c. Bank draft No _____ as Bid Security. We understand the conditions governing the return and forfeiture/encashment of 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 K**).

Yours faithfully, _____
(Signature of Tenderer)

Address: _____

Date: _____

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 second 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 _____

To:

Supply Chain Management Directorate
 Heavy Industries Taxila
 Taxila Cantt

Dear Sir,

I / We, the undersigned Bidder, hereby submit the second part of our Bid, the Financial Proposal. In submitting our Financial Proposal, we make the following declarations: -

- 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)
 Address: _____
 Date: _____

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.

CHECK LIST

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

Tender 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	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 b. Validity of our offer is 180 days after opening of commercial offer	Yes/No Yes/No
18.	We confirm Warranty/Guarantee of Stores For	_____ Years
19.	Terms of Payment as per IT	Yes/No
20.	Sales Tax	Yes/No
21.	a. Agent Commission b. We agree for percentage of agent commission as per DGDP policy	Nil / Included / Excluded/ NA 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) b. Valid Manufacturer License by Ministry of Health c. Production Registration Letter of Ministry of Health indicating Registration No of Store d. Valid agency Agreement e. DGDP Letter indicating Financial Capability (Registered firms only) f. Bank Statement of Last One Year (Unregistered firms only) g. Income Tax Registration Certificate by CBR NTN h. Sale Tax Registration Letter/No i. Trade/Retail Price List j. Interchangeability certificate attached.	Yes/ No NA NA Yes/ No Yes/ No Yes/ No Yes/ No Yes/ No Yes/ No Yes / No

	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
	l. Undertaking to provide all the contracted stores/goods/ as per the specification.	Yes/No
23.	Certificate that there is not Deviation from IT conditions/three is deviation from IT conditions as per following details:-(Please delete the not applicable statement) a. _____ b. _____	
24.	<u>Black listing certificate.</u> It is certified that our firm is neither defaulter nor black listed by any government organization directly or indirectly	

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

Signature of Firm Auth Signatory

ACKNOWLEDGEMENT SLIP

Bid No: _____

Date of Receipt: _____

Name of Firm: _____

Signature _____ (Authorized Person)

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 120x days extendable to 90x days.**
- 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 documents without 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. Submission of Technical, Commercial Offer and Earnest Money Bank Draft/Pay Order

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 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.