HEAVY INDUSTRIES TAXILA

INVITATION TO TENDER FORM 26/27

Bid No. 5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated 02 Nov 2026

Standard Bidding Document (SBD)

for

Procurement of Special Lab & Allied Chemicals

(Single Stage Two Envelope)

ON

FOR Basis

SUPPLY CHAIN MANAGEMENT DIRECTORATE HIT TAXILA

TAXILA CANTT

Bid Submission Date / Time: **23 Nov 2026 at 1000 hours**

Bid Opening Date / Time: **23 Nov 2026 at 1030 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 ofTender Documents	Tender Submission Date/ Time	Tender Opening Date/ Time
RT-6708	**Procurement of Special Lab & Allied Chemicals**	As Per Annexure 'A'		2 x months after signing of contract	Tender available on PPRA website.	23 Nov 26 at 1030 hours	23 Nov 26 at 1030 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. 5126/RT-6708/GF/ FOR (Gp-I)/ 2026-27/ SCM dated 02 Nov 2026

For

Procurement of Special Lab & Allied Chemicals

INVITATION TO TENDER / INVITATION TO BID

Date: ___Nov 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 Special Lab & Allied Chemicals.** 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: -

Ser	Activity	Response	Remarks
a.	Bid submission	10:30 hours 23 Nov 2026	Tender Box available at Gate No 5
b.	Bid opening (Technical)	11:00 hours 23 Nov 2026	Venue Supply Chain Management Directorate HIT Taxila
~~c.~~	~~Pre-bid meeting~~	~~11:00 hours_____ 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 **74 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 **180 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: Colonel Ali Fahad Sued

Deputy Director Procurement–Supply Chain Management Directorate
Gate No 05, Heavy Industries Taxila
RT Number:
Bid No. 5126/RT-6708/GF /FOR (Gp-I)/2026-27/SCM dated 02 Nov 2026
Tender Bid Submission Date/Time: 10:30 hours 23 Nov 2026
Tender/Bid Opening Date/Time: 11:00 hours 23 Nov 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 method 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 byanother person on his behalf.
h.	Agency Agreement in case of trading house/ company/ exporter/ stockiestetc.

Note:

*(*) Original copy of challan form for local suppliers / firms for **Rs 7500/-** is to be deposited in the Govt treasury against account no. Main Head-21, Sub Head-"A", Miscellaneous Code Head (0189407) in any of the branches of National Bank of Pakistan or the State Bank of Pakistan.*

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 signatoryand 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 asunder: -

a. **Submission of Bid**:-

Colonel Ali Fahad Syed
Deputy Director Procurement, SCM Directorate
Gate No 05, Heavy Industries Taxila
IT Number: **5126/RT-6708/GF /FOR (Gp-I)/2026-27/SCM dated 02 Nov 2026**

Tender / Bid Submission Date / Time: 10:30 hours 23 Nov 2026

Tender / Bid Opening Date / Time: 11:00 hours 23 Nov 2026

Section - B

PART – I

BID DATA SHEET (BDS)

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

IT No: **Bid No. 5126/RT-6708/GF /FOR (Gp-I)/2026-27/SCM dated 02 Nov 2026**

Procuring Agency: **Supply Chain Management Directorate, Heavy Industries Taxila, Taxila Cantt**
Description of Stores: **Procurement of Special Lab & Allied Chemicals**

General			**Firm's Response**
1.	Description and quantity of stores:	As per "**Schedule of Requirement**" at **Annexure A**.	
2.	Delivery Period:	**2 x months after signing of contract** [*In case it is not possible to deliver goods by given date, the Supplier shall indicate DP by which store can be delivered*].	
3.	Destination (consignee):	**Gun (Factory)**, HIT Taxila	
4.	Criteria for price quotation	See **Price Schedule** (Financial Proposal) at **Annexure C**	
Status of Registrations			
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.	
Bidding Documents			
7.	Bid validity period	180 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.	

<table>
<tr><td>10.</td><td>Technical proposal</td><td>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.</td><td>Section - B</td></tr>
<tr><td>11.</td><td>Bid Security / Earnest Money</td><td>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.</td><td></td></tr>
<tr><td>12.</td><td>Changes in bidding documents</td><td>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.</td><td></td></tr>
<tr><td>13.</td><td>Evaluation Criteria (detail scoring mentioned at Annexure B”)</td><td>
<table>
<tr><th>Ser</th><th>Description</th><th>Maximum Points</th><th>Passing Marks</th></tr>
<tr><td colspan="2">a. Performance Evaluation</td><td></td><td></td></tr>
<tr><td>(1)</td><td>Financial Soundness</td><td>15</td><td>7.5</td></tr>
<tr><td>(2)</td><td>Past Experience / Record</td><td>15</td><td>7.5</td></tr>
<tr><td>(3)</td><td>Past Performance</td><td>20</td><td>10</td></tr>
<tr><td colspan="2">Sub Total</td><td>50</td><td>25</td></tr>
<tr><td colspan="2">b. Technical Evaluation</td><td></td><td></td></tr>
<tr><td>(1)</td><td>Technical Evaluation Parameters</td><td>50</td><td>35</td></tr>
<tr><td colspan="2">Total</td><td>100</td><td>60</td></tr>
</table>
</td><td></td></tr>
<tr><td colspan="3">Contractual Aspects and Life Cycle Support</td><td></td></tr>
<tr><td>14.</td><td>Terms and Conditions of the contract</td><td>See Part II to Section – B.</td><td></td></tr>
<tr><td>15.</td><td>Technical specifications</td><td>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.</td><td></td></tr>
<tr><td>16.</td><td>Details of samples to be submitted withbids, if required</td><td>Bidder to provide samples of indented items before TSR</td><td></td></tr>
<tr><td>17.</td><td>Spare parts required</td><td>NIL</td><td></td></tr>
</table>

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 wholeor any part of the quantity offered. Please be notified that the tender does not constitute any obligation or commitments what-so-ever on the part of the Government of Pakistan to negotiate or conclude any or part thereof of the contract under any terms or conditions irrespective of the cost, lowest cost or any gradation of the cost. Government of Pakistan reserves the right to cancel the indent, tender or inquiry or to reject any offer or quotation without assigning grounds for its rejection.	**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.	

Section - B

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.	**Delivery Schedule**. Total duration of contract will be **2 x months** after signing of contract and percentage of payment will be linked with the value of deliverables against completion of respective milestones. Exact details of each milestone along with corresponding activities and delivery schedule are to be provided as per **Annexure A** (**Schedule of Requirement and Delivery**) and mutually finalized during contract negotiations.		
2.	**Terms of Payment** 2.1 **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.	**Security Deposit / Bank Guarantee (BG)**. 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.** **Performance Bank Guarantee (PBG)**. 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.	**Taxes / Duties Charges**. 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.	**Warranty/ Guarantee** 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.	**Failure / Termination (MANDATORY CONDITION)** 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, thePurchaser 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.	**Force Majeure** 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 itsagencies and disturbance directly affecting the parties and events or circumstances on which the parties has no control. In such an event occurring at the supplier's end, the supplier shall inform the purchaser within 15 days of the happening and within the same timeframe about the discontinuation of such circumstances/happening in writing. Non-availability of raw material for the manufacture of stores or of export permit for the export of the contracted stores from the country of its origin or any third party license and exchange rate fluctuations after signing of the contract shall not constitute force majeure. 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 timelineto 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.		

8.	**Liquidated Damages / Late Delivery (LD)**. 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: - a. 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. b. 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 withLD. c. 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. d. The purchaser's decision under this clause shall NOT be subjected to arbitration. ***Note:*** *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).*		**Section - B**
9.	**Penalty**. 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: - a. Supplier fails to obtain export licenses from its own government or any third party or the contract has become idle. b. In case the equipment does not meet the design parameters as defined in the contract or not pass the test/trials (FAT/PSI, PoSI/SAT etc) conducted by the Purchaser for consecutive two times, to ensure that the same has been manufactured as per specifications. In such case, the penalty will be 10% of the value of the relevant equipment/ items; and the Purchaser will also have the right to out rightly reject the equipment. c. The penalty shall not absolve the Supplier to undertake the repairs in 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.	**Offset / Transfer of Technology (ToT)**. The Supplier will offer offset / ToT, as per the policy of the Government of Pakistan, equivalent to 20-40% of the contract value and submit with the Technical Proposal for prior approval by the technical authority. The same will be made part of the contract or a sub-contract covering the offset / ToT will be signed subsequently with this Directorate.	~~Not Applicable~~	

	The ToT/Offset offered by the OEM in its Technical or Commercial Offer should not be subjected to the approval ofits Govt (if applicable).	**Section - B**	
11.	**Effective Date of Contract (EDC) (MANDATORY CONDITION)**. EDC will preferably be established as date of signing of the contract. However, can be altered through mutual understanding between supplier and purchaser.		
12.	**Surviving Obligations**. All terms which, either by implication or expressly, survive the expiry of this contract, shall survive and in particular termination, intellectual propertyrights, secrecy, export control (if any); notices; applicable law and arbitration.		
13.	**Risk and Expense**. In the event of failure on the part of the Supplier to comply withthe contractual obligation, the contract shall be cancelled at the risk and expenses of Supplier.		
14.	**Transfer of Title and Risk**. 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.	**Technical Assistance**. The Supplier shall be responsible for successful Setting-to- Work, commissioning and tests/trials of the system on-site in Pakistan. The technical assistance by the Supplier during warranty period shall be free of cost and on request basis to the satisfaction of Purchaser (if applicable).		
16.	**Severability** a. The invalidity or unenforceability of any term or condition of the contract shallnot affect the validity or enforceability of the remaining terms and conditions. These shall remain in full force and effect and the contract shall thereupon be interpreted and amended in compliance with the pertinent statutory terms and conditions to be mutually discussed between both the parties. Such discussions shall, as far as possible, ensure the defence needs/concerns of the Purchaser and commercial interest and intent of the Supplier in respect of the terms and conditions which are concerned. Provided that if the foregoing invalidity orunenforceability term and condition substantially alter the underlying intent of the contract or the invalid or unenforceable term or condition comprises an integral part of or is otherwise inseparable from the remainder of the contract, then the parties shall without further delay, meet to consult each other andreach agreement thereon. b. Failure by either party at any time to enforce any of the provisions of thecontract 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.		

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17.	**Indemnity**. In the framework of the implementation of this project, both the partiesshall 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 theirproperties. However, if these losses result from deliberate fault or unmistakable erroror gross negligence of the Supplier or his agents and/or the Purchaser, the party involved shall bear alone the burden of the damage repairs.		
18.	**Intellectual Property Rights**. 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.	**Subletting**. Supplier is not allowed to sublet wholly or part of the contract to any other firm/company without prior permission of the Purchaser. Firm found in breach of this clause will be dealt with as per Purchaser's right and discretion.		
20.	**Arbitration**. Disputes (if any) shall be ultimately settled in compliance with the laws of Pakistan.		
21.	**Applicable Law, Disputes and Arbitration**. Parties shall make their attempt that all disputes arising under this contract shall be resolved through mutual negotiation of both parties. In the event that either party shall perceive such mutual negotiation to be making insufficient progress towards settlement of dispute(s) at any time, then such party may by written notice to the other party refer the dispute(s) to final and binding arbitration as provided below: a. 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 exceptthat part which is under arbitration. e. All proceedings under this clause shall be conducted in English language and in writing.		
22.	**Purchaser's Right (MANDATORY CONDITION)**. The purchaser reserves the right of deletion, addition, and cancellation of the contract in part or full without assigning any reason whatsoever and without financial repercussion on either side within **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.	**Secrecy**. The Supplier(s) shall undertake that any information about the sale/purchaseof 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 H I T , 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.		

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24.	**Spare Supportability and Transfer of Technology**. The Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier: - a. Such spare parts as the Procuring Agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and b. In the event of termination of production of the spare parts: advance notification to the Procuring Agency of pending termination, in sufficient time to permit the Procuring Agency to procure needed requirements; and c. Following such termination, furnishing at no cost to the Procuring Agency, the blueprints, drawings, and specifications of the spare parts, if requested.		
25.	**Amendment in Contract (MANDATORY CONDITION)**. Amendment in contract, if required, shall be processed in writing and made with mutual agreement/consent ofboth the parties.		
26.	**Buy Back Clause**. Buy back clause for inactive spares will be included in the contract as under: - a. If the spares/GSE/special tools/tools remain unused/new after two years ofarrival in Pakistan, the Supplier/Seller will buy back these items at the prevalent international price list of the Supplier/Seller. b. The cost of transportation/freight and other allied charges will be borne by the Supplier/Seller. c. A joint team of the Purchaser's and the Seller's representatives will determine the condition of the spares/tools /GSE for buy back. d. 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 within60 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.	**Disclosure Clause (MANDATORY CONDITION)**. The Seller has to provide a disclosure certificate, duly signed, along with technical and commercial proposals asper prescribed format at **Annexure-D**, which shall consequently form part of the contract.		
28.	**Defence against Supply Chain Attacks on Army Cyber System**. In order to safeguard against Supply Chain Attacks on the Pakistan Army Cyber System, the Supplier(s) shall undertake following: - a. **EMC Compliance**. 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. **Hardware/ Software Vulnerability**. The contractor will ensure that supplied hardware/software does not contain back door advance persistent threat/logic bomb or any cyber security vulnerability causing this equipment to be compromised / used for data threat. In case of failure, the Purchaser will 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. **Country of Origin**. 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.		
29.	**Workmanship and Materials** a. All work to be done shall be executed in the manner set out in the Contract. Where the manner of manufacture and execution is not set out in the Contract, the work shall be executed in a proper and workmanlike manner in accordance with the recognized good practice. The Supplier shall submit for the approval of the purchaser, his detailed method statement(s) for the execution of such items of work as may be desired by the Purchaser. Approval of such method statement(s) shall neither relieve the Supplier of his responsibilities under the Contract nor form any basis for claiming additional costs. 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.		

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PART – III

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

Ser	Clause	Firm's Reply (Complied/ Not-Complied/ Partially Complied)	Firm's Reply /Remarks
1.	**Technical Specifications** a. The store/equipment should conform to the specification/service requirements and technical data/drawing (if applicable) as per **Annexure G**. Offer not conforming to the required services/specification or multi-offers will be rejected. Supplier shall further undertake to provide all the contracted services/stores/ goods as per the requirements/specification. b. All stores/items/goods delivered should be brand new, from the current production year, conforming to the Purchaser specifications/ satisfaction. **The supplier will provide all the OEM certificates, quality certification/inspection documents to the Purchaser confirming the quality of the products being supplied under this contract. Stores must bear the manufacturer's identification marking / monogram.**		
2.	**Inspection/Testing of Store** a. Inspection/testing will be carried out as per terms and conditions of the contract by an inspecting team/inspector as detailed by the inspecting authority on behalf of the Purchaser in accordance with the laid down **Acceptance Criteria/Acceptance Test Procedure (ATPs)/ drawings/test standards and specifications**. The Supplier will provide on his expenses to the inspection team/inspector, the required testing equipment/facilities. b. The Supplier will provide **ATPs** at the time of contract. 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.		
3.	**Change in Specification/Manufacturer/Model**. 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.	**Technical Documentation/ Manuals**. 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.	**Interchangeability**. 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.	**Checking of Store at Consignee End**. 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.		
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**		

Annexure A to Section - B

SCHEDULE OF REQUIREMENT AND DELIVERY

1. The delivery schedule expressed as under:-

Ser	Part No	Nomenclature	A/U	Qty Req	Justification	Remarks
a.	-	Procurement of Special Lab & Allied Chemicals	Details as per Appx-I to Anx- A		These are the special and allied chemicals are essentially required for chrome plating of 125 MM Tank Gun Barrels	

Additional Mandatory Documents: -

a. Supplier will provide all the OEM certificates.

b. Supplier will provide Quality certification / inspection documents.

c. Stores must bear the manufacturer’s identification marking / monogram.

Appx-I to Anx- A

Details of Stores

Ser	Part No.	Nomenclature	Purpose / rational	A/U	Qty Req	Brand
1.	-	Sodium Hydroxide	Process chem utilized during CP Process	kg	1500	Sigma Aldrich/ Supelco/ Chemco or Equivalent
2.	-	Tri Sodium Phosphate .12 H_20	Process chem utilized during CP Process	kg	100	Sigma Aldrich/ Supelco/ Chemco or Equivalent
3.	-	Magnesium Sulphate 7 H_20	Process chem utilized during CP Process	kg	100	Sigma Aldrich/ Supelco/ Chemco or Equivalent
4.	-	Anode Detergent (Sodium Carbonate)	Process chem utilized during CP Process	kg	50	Sigma Aldrich/ Supelco/ Chemco or Equivalent
5.	-	Industrial alcohol	Process chem utilized during CP Process	Liter	100	Sigma Aldrich/ Supelco/ Chemco or Equivalent
6.	-	Redoline 338	Process chem utilized during CP Process	kg	100	Sigma Aldrich/ Supelco/ Chemco or Equivalent
7.	-	Chromic Acid	Process chem utilized during CP Process	kg	500	Sigma Aldrich/ Supelco/ Chemco or Equivalent
8.	-	Absolute Ethyl Alcohol (Chemical Pure)	For Lab use during chemical analysis and titration procedure	Lit	5	Sigma Aldrich/ Supelco/ Chemco or Equivalent
9.	-	Acetic Acid (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Lit	5	Sigma Aldrich/ Supelco/ Chemco or Equivalent
10.	-	Ammonia Water (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Lit	17.5	Sigma Aldrich/ Supelco/ Chemco or Equivalent
11.	-	Ammonium Chloride (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	1000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
12.	-	Ammonium Persulfate (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	2000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
13.	-	Barium Chloride (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Kg	1000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
14.	-	Bromocresol Green Indicator (Chemical Pure)	For Lab use during chemical analysis and titration procedure	gram	25	Sigma Aldrich/ Supelco/ Chemco or Equivalent
15.	-	Cupron (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	150	Sigma Aldrich/ Supelco/ Chemco or Equivalent
16.	-	Diphenylamine Sodium Sulphonate (AP)	For Lab use during chemical analysis and titration procedure	gram	25	Sigma Aldrich/ Supelco/ Chemco or Equivalent
17.	-	EDTA (Ethylenediamine Tetra-Acetic Acid Disodium) AP	For Lab use during chemical analysis and titration procedure	gram	1000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
18.	-	Eriochrome Black T (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	50	Sigma Aldrich/ Supelco/ Chemco or Equivalent
19.	-	Ferrous Ammonium Sulfate (Analytical Pure)	For Lab use during chemical analysis and titration procedure	kg	4	Sigma Aldrich/ Supelco/ Chemco or Equivalent
20.	-	Hydrochloric Acid (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Lit	5	Sigma Aldrich/ Supelco/ Chemco or Equivalent

Ser	Part No.	Nomenclature	Purpose / rational	A/U	Qty Req	Brand
21.	-	Methyl Orange Indicator (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	25	Sigma Aldrich/ Supelco/ Chemco or Equivalent
22.	-	Methyl Red Indicator (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	25	Sigma Aldrich/ Supelco/ Chemco or Equivalent
23.	-	PAN (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	15	Sigma Aldrich/ Supelco/ Chemco or Equivalent
24.	-	Phenolphthalein Indicator (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	100	Sigma Aldrich/ Supelco/ Chemco or Equivalent
25.	-	Phenyl Anthranilic-Acid Indicator (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	25	Sigma Aldrich/ Supelco/ Chemco or Equivalent
26.	-	Phosphoric Acid (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Lit	1	Sigma Aldrich/ Supelco/ Chemco or Equivalent
27.	-	Potassium Acid Phthalate Indicator	For Lab use during chemical analysis and titration procedure	gram	250	Sigma Aldrich/ Supelco/ Chemco or Equivalent
28.	-	Potassium Bichromate (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	500	Sigma Aldrich/ Supelco/ Chemco or Equivalent
29.	-	Potassium Permanganate (Analytical Pure)	For Lab use during chemical analysis and titration procedure	gram	250	Sigma Aldrich/ Supelco/ Chemco or Equivalent
30.	-	Reference Zinc Particle (Reference Reagent)	For Lab use during chemical analysis and titration procedure	gram	100	Sigma Aldrich/ Supelco/ Chemco or Equivalent
31.	-	Silica Gel	For Lab use during chemical analysis and titration procedure	gram	3000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
32.	-	Silver Nitrate (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Gram	50	Sigma Aldrich/ Supelco/ Chemco or Equivalent
33.	-	Sodium Carbonate	For Lab use during chemical analysis and titration procedure	Gram	500	Sigma Aldrich/ Supelco/ Chemco or Equivalent
34.	-	Sodium Chloride (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Gram	1000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
35.	-	Sodium Hydroxide (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Gram	1000	Sigma Aldrich/ Supelco/ Chemco or Equivalent
36.	-	Sulphuric Acid (Analytical Pure)	For Lab use during chemical analysis and titration procedure	Lit	10	Sigma Aldrich/ Supelco/ Chemco or Equivalent
37.		Spatula (Small)	For Lab use during chemical analysis and titration procedure	Nos	12	Pyrex
Eqpt / Instruments						
38.	-	Dropper with nipple rubber	For Lab use during chemical analysis and titration procedure	Nos	24	Pyrex
39.	-	Aspirator bottle (Transparent) 5L with stopper / tap	For Lab use during chemical analysis and titration procedure	Nos	6	Pyrex
40.	-	Aspirator bottle (Amber color) 5L with stopper / tap	For Lab use during chemical analysis and titration procedure	Nos	3	Pyrex

Ser	Part No.	Nomenclature	Purpose / rational	A/U	Qty Req	Brand
41.	-	Aspirator bottle (Transparent) 2.5L with stopper / tap	For Lab use during chemical analysis and titration procedure	Nos	3	Pyrex
42.	-	Aspirator bottle (Amber color) 2.5L with stopper / tap	For Lab use during chemical analysis and titration procedure	Nos	3	Pyrex
43.	-	Qualitative Filter Paper No.1	For Lab use during chemical analysis and titration procedure	Box (100)	6	Wattman
44.	-	Qualitative Filter Paper No.2	For Lab use during chemical analysis and titration procedure	Box (100)	6	Wattman
45.	-	Qualitative Filter Paper No.4	For Lab use during chemical analysis and titration procedure	Box (100)	6	Wattman
46.	-	Qualitative Filter Paper No.6	For Lab use during chemical analysis and titration procedure	Box (100)	6	Wattman
47.	-	Qualitative Filter Paper No.41	For Lab use during chemical analysis and titration procedure	Box (100)	6	Wattman
48.	-	Burette 25 ml	For Lab use during chemical analysis and titration procedure	Nos	4	Pyrex
49.	-	Burette 50 ml	For Lab use during chemical analysis and titration procedure	Nos	8	Pyrex
50.	-	Burette Stand	For Lab use during chemical analysis and titration procedure	Nos	4	Pyrex
51.	-	Plastic Jug With Handle 2000 ml	For Lab use during chemical analysis and titration procedure	Nos	4	Pyrex
52.	-	Plastic Jug With Handle 500 ml	For Lab use during chemical analysis and titration procedure	Nos	4	Pyrex
53.	-	Plastic Jug With Handle 250 ml	For Lab use during chemical analysis and titration procedure	Nos	4	Pyrex
54.	-	Plastic Jug With Handle 1000 ml	For Lab use during chemical analysis and titration procedure	Nos	4	Pyrex
55.	-	Graduated Cylinder 250 ml plastic	For Lab use during chemical analysis and titration procedure	Nos	2	Pyrex
56.	-	PPE Kit for Lap Complete	For Lab use during chemical analysis and titration procedure	Nos	3	Pyrex
57.	-	Pipette 10 ml	For Lab use during chemical analysis and titration procedure	Nos	6	Pyrex
58.	-	Long Rubber Gloves	For Lab use during chemical analysis and titration procedure	Pairs	120	Any
59.	-	K-95 Mask	For Lab use during chemical analysis and titration procedure	Box	500	Any

Note :Interested Bidder can approach Supply Chain Management Directorate for any technical clarification regarding specification/ drawing and samples which will be shown at the premises of concerned store section .

Appx-II to Anx- A

Parameters / Specifications

S/NO	Dep	Part No	Nomenclature	Tech Spec	Gen Data	Performance Parameters	Critical Parameters
					1	2	3
1	CP SHOP	-	Sodium Hydroxide	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
2	CP SHOP	-	Tri Sodium Phosphate .12 H_20	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
3	CP SHOP	-	Magnesium Sulphate 7 H_20	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
4	CP SHOP	-	Anode Detergent (Sodium Gluconate)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
5	CP SHOP	-	Industrial alcohol	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
6	CP SHOP	-	Redoline 338	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
7	CP SHOP	-	Chromic Acid	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
8	CP LAB	-	Absolute Ethyl Alcohol (Chemical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
9	CP LAB	-	Acetic Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
10	CP LAB	-	Ammonia Water (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
11	CP LAB	-	Ammonium Chloride (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
12	CP LAB	-	Ammonium Persulfate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
13	CP LAB	-	Barium Chloride (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
14	CP LAB	-	Bromocresol Green Indicator (Chemical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
15	CP LAB	-	Cupron (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs

16	CP LAB	-	Diphenylamine Sodium Sulphonate (AP)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
17	CP LAB	-	EDTA (Ethylenediamine Tetra-Acetic Acid Disodium) AP	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
18	CP LAB	-	Eriochrome Black T (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
19	CP LAB	-	Ferrous Ammonium Sulfate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
20	CP LAB	-	Hydrochloric Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
21	CP LAB	-	Methyl Orange Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
22	CP LAB	-	Methyl Red Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
23	CP LAB	-	PAN (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
24	CP LAB	-	Phenolphthalein Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
25	CP LAB	-	Phenyl Anthranilic-Acid Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
26	CP LAB	-	Phosphoric Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
27	CP LAB	-	Potassium Acid Phthalate Indicator	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
28	CP LAB	-	Potassium Bichromate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
29	CP LAB	-	Potassium Permanganate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs

30	CP LAB	-	Reference Zinc Particle (Reference Reagent)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
31	CP LAB	-	Silica Gel	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
32	CP LAB	-	Silver Nitrate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
33	CP LAB	-	Sodium Carbonate	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
34	CP LAB	-	Sodium Chloride (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
35	CP LAB	-	Sodium Hydroxide (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
36	CP LAB	-	Sulphuric Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	As per specs	As per Specs	As per Specs
37	CP LAB	-	Spatula (Small)	Pyrex	As per specs	As per Specs	As per Specs
38	CP LAB	-	Dropper with nipple rubber	Pyrex	As per specs	As per Specs	As per Specs
39	CP LAB	-	Aspirator bottle (Transparent) 5L with stopper / tap	Pyrex	As per specs	As per Specs	As per Specs
40	CP LAB	-	Aspirator bottle (Transparent) 2.5L with stopper / tap	Pyrex	As per specs	As per Specs	As per Specs
41	CP LAB	-	Qualitative Filter Paper No.1	Nil	As per specs	As per Specs	As per Specs
42	CP LAB	-	Qualitative Filter Paper No.2	Nil	As per specs	As per Specs	As per Specs
43	CP LAB	-	Qualitative Filter Paper No.4	Nil	As per specs	As per Specs	As per Specs
44	CP LAB	-	Qualitative Filter Paper No.6	Nil	As per specs	As per Specs	As per Specs
45	CP LAB	-	Burette 25 ml	25ml	As per specs	As per Specs	As per Specs
46	CP LAB	-	Burette 50 ml	50ml	As per specs	As per Specs	As per Specs

47	CP LAB	-	Burette Stand	dual holder, metal frame	As per specs	As per Specs	As per Specs
48	CP LAB	-	Plastic jug with handle 2000ml	2000ml	As per specs	As per Specs	As per Specs
49	CP LAB	-	Plastic jug with handle 500ml	500 ml	As per specs	As per Specs	As per Specs
50	CP LAB	-	Plastic jug with handle 250ml	250 ml	As per specs	As per Specs	As per Specs
51	CP LAB	-	Plastic jug with handle 1000 ml	1000 ml	As per specs	As per Specs	As per Specs
52	CP LAB	-	Graduated Cylinder 250 ml plastic	250 ml	As per specs	As per Specs	As per Specs
53	CP LAB	-	PPE Kit for Lab complete	Kit (Lab Coat, goggles, mask, Ear muff and helmet, respirator)	As per specs	As per Specs	As per Specs
54	CP LAB	-	Pipette 10ml	10 ml	As per specs	As per Specs	As per Specs
55	CP LAB	-	Long Rubber gloves	Acid prof / acid resistant	As per specs	As per Specs	As per Specs
56	CP LAB	-	k95 Mask	K95	As per specs	As per Specs	As per Specs
57	CP LAB	-	Qualitative Filter Paper No.41	Nil	As per specs	As per Specs	As per Specs

S/NO	Nomenclature	Tech Spec	Export - Grade Packing	Shock / Till Protection	Dis Assy / Marking	Handling of Destination	Site Readiness	Time Bound Inst	Commissioning	Trg	Life Cycle sp / Spare Parts	Any other
			1	2	3	4	5	6	7	8	9	10
1	Sodium Hydroxide	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
2	Tri Sodium Phosphate .12 H_20	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
3	Magnesium Sulphate 7 H_20	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
4	Anode Detergent (Sodium Gluconate)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
5	Industrial alcohol	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
6	Redoline 338	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
7	Chromic Acid	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
8	Absolute Ethyl Alcohol (Chemical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
9	Acetic Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
10	Ammonia Water (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be	NA

			packing								mentioned	
11	Ammonium Chloride (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
12	Ammonium Persulfate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
13	Barium Chloride (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
14	Bromocresol Green Indicator (Chemical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
15	Cupron (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
16	Diphenylamine Sodium Sulphonate (AP)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
17	EDTA (Ethylenediamin e Tetra-Acetic Acid Disodium) AP	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
18	Eriochrome Black T (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
19	Ferrous Ammonium Sulfate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
20	Hydrochloric Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
21	Methyl Orange	Specs availabe and	humidity	Yes	Yes,	with	NA	NA	NA	NA	Yes, Expiry	NA

	Indicator (Analytical Pure)	attached in Appendix v to Annexure A	proof and good packing		Chemical	extreme care					and shelf life must be mentioned	
22	Methyl Red Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
23	PAN (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
24	Phenolphthalein Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
25	Phenyl Anthranilic-Acid Indicator (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
26	Phosphoric Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
27	Potassium Acid Phthalate Indicator	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
28	Potassium Bichromate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
29	Potassium Permanganate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
30	Reference Zinc Particle (Reference Reagent)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
31	Silica Gel	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA

32	Silver Nitrate (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
33	Sodium Carbonate	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
34	Sodium Chloride (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
35	Sodium Hydroxide (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
36	Sulphuric Acid (Analytical Pure)	Specs availabe and attached in Appendix v to Annexure A	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
37	Spatula (Small)	Pyrex	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
38	Dropper with nipple rubber	Pyrex	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
39	Aspirator bottle (Transparent) 5L with stopper / tap	Pyrex	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
40	Aspirator bottle (Transparent) 2.5L with stopper / tap	Pyrex	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
41	Qualitative Filter Paper No.1	Nil	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
42	Qualitative Filter Paper No.2	Nil	humidity proof and good	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be	NA

			packing								mentioned	
43	Qualitative Filter Paper No.4	Nil	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
44	Qualitative Filter Paper No.6	Nil	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
45	Burette 25 ml	25ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
46	Burette 50 ml	50ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
47	Burette Stand	dual holder, metal frame	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
48	Plastic jug with handle 2000ml	2000ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
49	Plastic jug with handle 500ml	500 ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
50	Plastic jug with handle 250ml	250 ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
51	Plastic jug with handle 1000 ml	1000 ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
52	Graduated Cylinder 250 ml plastic	250 ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
53	PPE Kit for Lab complete	Kit (Lab Coat, goggles, mask, Ear muff and	humidity proof and	Yes	Yes, Chemical	with extreme	NA	NA	NA	NA	Yes, Expiry and shelf	NA

		helmet, respirator)	good packing			care					life must be mentioned	
54	Pipette 10ml	10 ml	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
55	Long Rubber gloves	Acid prof / acid resistant	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
56	k95 Mask	K95	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA
57	Qualitative Filter Paper No.41	Nil	humidity proof and good packing	Yes	Yes, Chemical	with extreme care	NA	NA	NA	NA	Yes, Expiry and shelf life must be mentioned	NA

Purity index of ammonia water (analytical pure)

Molecular formula	$NH_3 \cdot H_2O$	Molecular weight	35.03
Concentration	25% ~ 28%		
Max. Content of Impurities (%)			
Carbonate (CO_3)	0.001	Burnt residue	0.002
Chloride (Cl)	0.00005	Calcium (Ca)	0.0001
Sulfur compound (SO_4)	0.0001	Magnesium (Mg)	0.0001
Phosphate (PO_4)	0.0001	Ferrum (Fe)	0.00001
Heavy metal (Pb)	0.00005		
Reducible matters potassium permanganate			Qualified

Purity index of acetic acid (analytical pure)

Molecular formula	CH_3COOH	Molecular weight	60.05
Concentration	36.0 ~ 37.0%		
Max. Content of Impurities (%)			
Evaporated residue	0.001	Heavy metal (Pb)	0.00005
Chloride (Cl)	0.0001	Reducible matters potassium permanganate	Qualified
Sulfide (SO_4)	0.0001	Ferrum (Fe)	0.00005

Purity index of phosphoric acid (analytical pure)

Molecular formula	H_3PO_4	Molecular weight	98.00
Concentration	85.0% min.		
Max. Content of Impurities (%)			
Burnt residue	0.2	Sulphate (SO_4)	0.003
Chloride (Cl)	0.0003	Nitrate (NO_3)	0.0005
Arsenic (As)	0.0001	Ferrum (Fe)	0.002
Manganese (Mn)	0.0002	Heavy metal (Pb)	0.001
Volatile acid (as per H^+) mmol/100g	0.02	Reducing substance (as per H_3PO_4)	0.01

Purity index of sulphuric acid (analytical pure)

Molecular formula	H_2SO_4	Molecular weight	98.08
Concentration	95 ~ 98%		
Max. Content of Impurities (%)			

Burnt residue (sulphate)	0.001	Ferrum (Fe)	0.00005
Chloride (Cl)	0.00003	Selenium (Se)	0.0005
Nitrate (NO_3)	0.0002	Arsenic (As)	0.000003
Ammonium (NH_4)	0.0003	Substances for reducing potassium permanganate	Qualified
Heavy metal (Pb)	0.0002		

Purity index of triethanolamine (chemical pure)

Molecular formula	$(HOCH_2CH_2)_3N$	Molecular weight	149.19
Concentration	75% min.	Content of amine	99%
Specific gravity γ^{20}_4	1.120 - 1.130		
Refraction ratio n^{20}_D	1.482 - 1.485		
Max. Content of Impurities (%)			
Ethanol dissolving test	Qualified	Burnt residue (sulphate)	0.1%

Purity index of absolute ethyl alcohol (Analytical pure)

Molecular formula	CH_3CH_2OH	Molecular weight	46.07
Content	99.7% min.		
Density (20℃)		(g/ml)	0.789 ~ 0.791
Mixing test water			Qualified
Mass fraction of after evaporation residue			0.001% max
Acidity (as per H^+)		(mmol/100g)	0.04 max
Alkalinity (as per OH^+)		(mmol/100g)	0.01 max
Mass fraction of moisture		%	0.3 max
Mass fraction of methanol		%	0.05 max
Mass fraction of Isopropanol		%	0.01 max
Mass fraction of carbonyl compound (as per CO)		%	0.003 max
Matters liable to carburize			Qualified
Mass fraction (as per oxygen) of potassium permanganate reducible matters, %		0.00025 max	

Purity index of hydrochloric acid (analytical pure)

Molecular formula	HCl	Molecular weight	36.45
Content	36 ~ 38%		
Max. Content of Impurities (%)			
Burnt residue (sulphate)	0.001	Ferrum (Fe)	0.00005
Free chlorine (Cl_2)	0.0001	Arsenic (As)	0.000005
Sulphate (SO_4)	0.0002	Stannum (Sn)	0.0002
Sodium sulfite (SO_3)	0.0005	Heavy metal	0.0001

Purity index of hydrogen peroxide (analytical pure)

Molecular formula	H_2O_2	Molecular weight	34.01
Content	30% min.		
Max. Content of Impurities (%)			
Non-volatile matter	0.005	Chloride (Cl)	0.001
Nitric compound (N)	0.001	Sulphate (SO_4)	0.0003
Ferrum (Fe)	0.00002	Cuprum (Cu)	0.00001
Arsenic (As)	0.00005	Plumbum (Pb)	0.00002
Acidity (H_2SO_4)	0.005		

Purity index of PAN (analytical pure)

Name	1-(2-Pyridylazo)-2-Naphthol
Range of melting point	136 ~ 140 at 2℃
Dissolving test in methanol	Qualified
Zinc and cuprum sensitivity test	Qualified
Burnt residue	0.1% max

Purity index of starch indicator (analytical pure)

Molecular formula:	$(C_6H_{10}O_5)_x$	Molecular weight :	$(162)_x$
Mass Criteria (%):			
Dry weightlessness	12	Burnt residue (sulphate)	0.3
Acidity of drying matter	Qualified	Iodine sensitivity test	Qualified
Inorganic acid	Qualified	Reducing matters	Qualified
Water-solubility test	Qualified	Chloride (Cl)	0.01
Dextrine	Qualified		

Purity index of diphenylamine sodium sulphonate (analytical pure)

Molecular formula:	$C_{12}H_{10}O_3NSNa$	Molecular weight:	271.27
Solubility	Qualified		
Sensitivity	Qualified		

Purity index of phenolphthalein indicator (analytical pure)

Molecular formula:	$C_{20}H_{14}O_4$	Molecular weight:	318.33
Range of pH value:	7.4 (colourless) ~ 10.0 (red)		
Max. Content of Impurities			
Solving test of ethanol		Qualified	

Color of ethanol solution	Qualified
Burnt residue (sulphate)	0.05%

Purity index of methyl orange indicator (analytical pure)

Molecular formula:	$C_{14}H_{14}N_3NaO_3S$	Molecular weight:	327.35
Range of pH value		3.0 (red) ~ 4.4 (yellow)	
Sensitivity test		Qualified	
Max. Content of Impurities			
Hydrolyzing test		Qualified	
Burnt residue (sulphate)		18.5 ~ 22.0 %	
Oxide test		Qualified	

Purity index of methyl red indicator (analytical pure)

Molecular formula	$C_{15}H_{15}N_3O_2$	Molecular weight	269.31
Range of pH value	4.2 (red) ~ 6.2 (yellow)		
Range of melting point	172.0 ~ 182.0℃ at 2℃		
Max. Content of Impurities			
Bromine oxidized test		Qualified	
Solving test in ethanol		Qualified	
Burnt residue (sulphate)		0.2%	

Purity index of bromocresol green indicator (chemical pure)

Molecular formula	$C_{21}H_{14}O_5Br_4S$	Molecular weight	698.05
Range of pH value		3.8 (yellow) ~ 5.4 (blue)	
Solubility		Qualified	
Sensitivity		Qualified	
Burnt residue		0.35%	

Purity index of eriochrome black T (analytical pure)

Molecular formula	$C_{20}H_{12}O_7N_3SNa$	Molecular weight	461.38
Sensitivity test		Qualified	

Purity index of cupron (analytical pure)

Name	Diethyl dithiocarbamic acid, sodium salt trihydrate		
Molecular formula	$(C_2H_5)_2NCS_2Na\cdot 3H_2O$	Molecular weight	225.31
Concentration	99.0% min.		

Applicability test	Qualified
Max. Content of Impurities(%)	
Hydrolyzing test	Qualified
Burnt residue (sulphate)	30.5～32.5

Purity index of reference sodium oxalate (analytical pure)

Molecular formula	$Na_2C_2O_4$	Molecular weight	134.00
Concentration	99.8% min.		
Hydrolyzing reaction	Qualified		
Max. Content of Impurities (%)			
Elutriation test	Qualified	Nitric compound (N)	0.002
Water-fast matrers	0.01	Potassium (K)	0.01
Dry weightlessness	0.02	Ferrum (Fe)	0.0005
Chloride (Cl)	0.002	Heavy metal (Pb)	0.002
Sulfur compound (as per SO_4)	0.004	Sulfuric acid test	Qualified

Purity index of reference reagent--zinc acetate (analytical pure)

Molecular formula	$Zn(CH_3COO)_2 \cdot 2H_2O$	Molecular weight	219.50
Concentration	97% min.		
Max. Content of Impurities (%)			
Water-fast matters	0.005	Water-fast matters with addition of ammonium sulfide (sulphate)	0.2
Chloride (Cl)	0.002	Sulphate (SO_4)	0.01
Lead, bismuth and cuprum	Qualified	Ferrum (Fe)	0.001
Arsenic (As)	0.00005		

Purity index of potassium acid phthalate indicator as reference reagent (analytical pure)

Molecular formula	$KHC_8H_4O_4$	Molecular weight	204.22
Concentration	99% min.	Hydrolyzing reaction	Qualified
Max. Content of Impurities (%)			
Elutriation test	Qualified	Water-fast matters	0.003
Chloride (Cl)	0.002	Sulphate compound (SO_4)	0.006
Ammonium (NH_4)	0.003	Sodium (Na)	0.005
Ferrum (Fe)	0.0005	Heavy metal (Pb)	0.0005

Purity index of reference zinc particle (reference reagent)

Molecular formula	Zn	Molecular weight	65.37
Concentration	99.999%		
Content of Impurities (%)			
Cadmiun (Cd)	3×10^{-4}	Molybdenum (Mo)	5×10^{-6}
Arsenic (As)	1.1×10^{-5}	Vanadium (V)	5×10^{-6}
Ferrum (Fe)	5×10^{-5}	Aluminum (Al)	2×10^{-5}
Cuprum (Cu)	2×10^{-5}	Bismuth (Bi)	5×10^{-6}
Plumbum (Pb)	5×10^{-6}	Chromium (Cr)	5×10^{-6}
Nickel (Ni)	5×10^{-6}	Magnesium (Mg)	2×10^{-5}
Cobalt (Co)	5×10^{-6}	Thallium (Tl)	2×10^{-5}
Argentum (Ag)	5×10^{-6}	Manganese (Mn)	5×10^{-6}
Indium (In)	5×10^{-6}	Stibium (Sb)	2×10^{-5}
Stannum (Sn)	5×10^{-6}		

Purity index of potassium permanganate (analytical pure)

Molecular formula	$KMnO_4$	Molecular weight	158.04
Concentration	99.5% min.		
Max. Content of Impurities (%)			
Water-fast matters	0.02	Ferrum (Fe)	0.002
Chloride (Cl)	0.002	Arsenic (As)	0.00005
Sulphate (SO_4)	0.005	Heavy metal (Pb)	0.003
Content of nitrogen, max	0.005		

Purity index of ammonium persulfate (analytical pure)

Molecular formula	$(NH_4)_2S_2O_8$	Molecular weight	228.20
Concentration	98.0% min.		
Max. Content of Impurities (%)			
Elutriation test	Qualified	Water-fast matters	0.005
Burnt residue (sulphate)	0.02	Ferrum (Fe)	0.0005
Chloride and chlorate (Cl)	0.001	Manganese (Mn)	0.00005
Heavy metal (Pb)	0.0005		

Purity index of ferrous ammonium sulfate (analytical pure)

Molecular formula	$Fe(NH_4)_2(SO_4)_2\cdot6H_2O$	Molecular weight	392.14
Concentration	99.5% min.	pH (50g/l solution at 25℃	3～5
Max. Content of Impurities (%)			
Water-fast matters	0.005	Ferrum (Fe)	0.01

Chloride (Cl)	0.001	Copper (Cu)	0.002
Phosphate (PO_4)	0.0005	Zinc (Zn)	0.005
Manganese (Mn)	0.05	Plumbum (Pb)	0.002
Water-fast matters with addition of ammonia (sulphate)			0.1

Purity index of ammonium chloride (analytical pure)

Molecular formula	NH_4Cl	Molecular weight	53.49
Content	99.0% min.		
Hydrolyzing reaction	Qualified		
Max. Content of Impurities (%)			
Burnt residue (sulphate)	0.02	Sulphate (SO_4)	0.005
Phosphate (PO_4)	0.0005	Sodium (Na)	0.005
Water-fast matters	0.005	Kalium (K)	0.005
Ferrum (Fe)	0.0005	Arsenic (As)	0.00005
Heavy metal (Pb)	0.0005	Thiocyanate (CNS)	0.005
Calcium and manganese (Ca)	0.001		

Purity index of barium chloride (analytical pure)

Molecular formula	$BaCl_2 \cdot 2H_2O$	Molecular weight	244.26
Content	99.5% min.		
Max. Content of Impurities (%)			
Elutriation test	Qualified	Water-fast matters	0.01
Content of nitrogen (N)	0.002	Sodium (Na)	0.01
Potassium (K)	0.005	Calcium (Ca)	0.05
Ferrum (Fe)	0.0001	Strontium (Sr)	0.05
Heavy metal (Pb)	0.0005		

Purity index of sodium chloride (analytical pure)

Molecular formula	NaCl	Molecular weight	58.44
Concentration	99.5% min.	Hydrolyzing reaction	Qualified
Max. Content of Impurities (%)			
Elutriation test	Qualified	Manganese (Mg)	0.002
Water-fast matters	0.005	Potassium (K)	0.02
Dry weightlessness	0.5	Calcium (Ca)	0.005
Iodine compound (I)	0.002	Ferrous cyanide $Fe(CN)_6$	0.0001

		)	
Sulphate (SO_4)	0.002	Ferrum (Fe)	0.0002
Nitrogen compound (N)	0.001	Arsenic (As)	0.00005
Phosphate (PO_4)	0.001	Barium (Ba)	0.001
Heavy metal (Pb)	0.0005	Bromid (Br)	0.01

Purity index of sodium hydroxide (analytical pure)

Molecular formula	NaOH	Molecular weight	40.00
Concentration	96% min.		
Max. Content of Impurities (%)			
Chloride (Cl)	0.005	Calcium (Ca)	0.01
Sulphate (SO_4)	0.005	Ferrum (Fe)	0.001
Silicate (SiO_4)	0.01	Aluminium (Al)	0.002
Phosphate (PO_4)	0.001	Potassium (K)	0.05
Heavy metal (Pb)	0.003	Nitrogen (N)	0.001
Carbonate (Na_2CO_3)	1.5	Elutriation test	Qualified

Purity index of EDTA (ethylenediamine tetra-acetic acid disodium) (analytical pure)

Molecular formula	$C_{10}H_{14}N_2O_8Na_2 \cdot 2H_2O$	Molecular weight	372.24
Concentration	99.0% min.	Hydrolyzing reaction	Qualified
Complexing-power test	Qualified		
Max. Content of Impurities (%)			
Elutriation test	Qualified	Chloride (Cl)	0.004
Sulphate (SO_4)	0.01	Ferrum (Fe)	0.001
Heavy metal (Pb)	0.001		

Purity index of potassium bichromate (analytical pure)

Molecular formula	$K_2Cr_2O_7$	Molecular weight	294.18
Concentration	99.8% min.		
Max. Content of Impurities (%)			
Water-fast matters	0.005	Calcium (Ca)	0.005
Chloride (Cl)	0.002	Sodium (Na)	0.05
Sulphate (SO_4)	0.01	Aluminium (Al)	0.005
Ferrum (Fe)	0.003		

Purity index of iodine (analytical pure)

Molecular formula	I_2	Molecular weight	253.80
Concentration	98.0% min.		
Max. Content of Impurities (%)			
Non-volatile matters	0.005	Chloride and bromine (Cl)	0.003

Purity index of tin bichloride (analytical pure)

Molecular formula	$SnCl_2 \cdot 2H_2O$	Molecular weight	225.63
Concentration	98.0% min.		
Max. Content of Impurities (%)			
Elutriation test	Qualified	Water-fast matters with addition of hydrochloric acid	0.005
Sulphate (SO_4)	0.003	Ferrum (Fe)	0.003
Cuprum (Cu)	0.002	Arsenic (As)	0.0001
Plumbum (Pb)	0.005	Alkali metals and alkaline-earth metals (sulphate)	0.02

Purity index of mercuric chloride (analytical pure)

Molecular formula	$HgCl_2$	Molecular weight	271.50
Concentration	99.5% min.		
Max. Content of Impurities (%)			
Water-fast matters	0.01	Elutriation test	Qualified
Ferrum (Fe)	0.0003	Burnt residue	0.02

Purity index of phenyl anthranilic-acid (analytical pure)

Molecular formula	$C_{13}H_{11}O_2N$	Molecular weight	213.23
Range of melting point		134 ~ 136℃ (1℃)	
Redox sensitivity		Qualified	
Max. content of impurities (%)			
Dissolving test in 1% sodium carbonate solution	Qualified	Burnt residue (sulphate)	0.1
Heavy metal (Pb)	0.001	Ferrum (Fe)	0.001

Purity index of tiron (analytical pure)

Molecular formula	$C_6H_4Na_2O_8S_2 \cdot H_2O$	Molecular weight	332.21
Complexing test	Qualified	Sensitivity to Ferrum	Qualified
Sensitivity to titanium	Qualified		
Max.Content of Impurities			
Water dissociation test	Qualified	Burnt residue (sulphate)	40.2 ~ 50.2%
Sulphate (SO_4)	0.2%	Dry weightlessness	Below 5%

Purity index of sodium thiosulfate (analytical pure)

Molecular formula	$Na_2S_2O_3 \cdot 5H_2O$	Molecular weight	248.17
Concentration	99.0% min.	Hydrolyzing reaction	Qualified
Max. Content of Impurities (%)			
Elutriation test	Qualified	Water-fast matters	0.005
Sulphate and sulphite (as per SO_4)	0.05	Sulfide (S)	0.0005
Calcium (Ca)	0.005	Ferrum (Fe)	0.001
Arsenic (As)	0.001	Heavy metal (as per Pb)	0.001

Purity index of potassium iodine (analytical pure)

Molecular formula	KI	Molecular weight	166.00
Concentration	98.5% min.		
pH (50g/l solution 25℃) : 6.0 ~ 8.0			
Max. Content of Impurities (%)			
Elutriation test	Qualified	Water-fast matters	0.01
Iodate and iodine (IO_3)	0.002	Chloride and bromid (Cl)	0.02
Sulphate (SO_4)	0.005	Phosphate (PO_4)	0.002
Content of nitrogen (N)	0.002	Sodium (Na)	0.1
Manganese (Mg)	0.002	Calcium (Ca)	0.002
Ferrum (Fe)	0.0003	Arsenic (As)	0.00002
Barium (Ba)	0.002	Heavy metal (as per Pb)	0.0005
Reducing materials	Qualified		

Purity index of silver nitrate (analytical pure)

Molecular formula	$AgNO_3$	Molecular weight	169.87
Concentration	99.8% min.	Hydrolyzing reaction	Qualified
Appearance	Qualified		
Max. Content of Impurities (%)			

Elutriation test	Qualified	Water-fast matters	0.005
Sulphate (SO_4)	0.004	Chloride (Cl)	0.001
Ferrum (Fe)	0.0004	Water-fast matters with addition of hydrochloric acid	0.02
Cuprum (Cu)	0.001	Plumbum (Pb)	0.001

I. **INDUSTRIAL SODIUM HYDROXIDE**

1. Subject and Scope

This standard gives out the specification for the industrial sodium hydroxide and the requirements for marking, packing, transport and storage of it.

This standard covers all sodium hydroxide made by mercury method, diaphragm method or causticization method.

2. Technical Specification

2.1 Appearance

The industrial solid sodium hydroxide shall wholly look white and glossy, with slight colority permitted.

2.2 The industrial solid sodium hydroxide, including flaky alkali, shall be as specified in Table 1.

Table 1. Specification for industrial solid NaOH

Item	Content, %								
	By Mercury Method			By Causticization Method			By Diaphragm Method		
	High class	First rate	Qualified, ▲	High class	First rate	Qualified ▲	High class, ▲	First rate	Qualified
NaOH, ≥	99.5	99.5	99.0	97.0	97.0	96.0	96.0	96.0	95.0
Na_2CO_3, ≤	0.40	0.45	0.90	1.5	1.7	2.5	1.3	1.4	1.6
NaCl, ≤	0.06	0.08	0.15	1.1	1.2	1.4	2.7	2.8	3.2
Fe_2O_3, ≤	0.003	0.004	0.005	0.008	0.01	0.01	0.008	0.01	0.02
Ca+Mg, ≤ (To be calculated by weighing as Ca),	0.01	0.02	0.03	---	---	---	---	---	---
SiO_2, ≤	0.02	0.03	0.04	0.50	0.55	0.60			
Hg, ≤	0.0005	0.0005	0.0015	---	---	---	---	---	---

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

II. INDUSTRIAL ALCOHOL

1. Subject and Scope

This standard specifies the classification of the industrial alcohol and gives out the specification for it and the requirements for transport and storage of it.

This standard covers the industrial hydrous alcohol made by fermenting and distilling some raw materials such as corn, potato, sweet, honey, etc. This standard does not cover any potable spirit.

2. Classification of Commodity

Depending upon different grades, the industrial alcohol is classified as 4 kinds as below:

2.1 High-class alcohol

2.2 First-rate alcohol

2.3 Qualified alcohol

2.4 Rough alcohol

3. Technical Specification

3.1 The industrial alcohol shall be as specified in Table 1.

Table 1. Specication for industrial alcohol

Item	Index			
	High class	First Rate ▲	Qualified ▲	Rough
Appearance	Colorless and transparent liquid			Light yellow liquid
Colority, level No.	≤ 10			---
Odor	No unusual odor			---
Ethanol content at 20°C, V/V	≥96.0%	≥95.5%	≥95.0%	≥95.0%
Sulfuric-acid test, level No.	≤10	≤80	---	---
Oxidization test, min	≥30	≥15	≥5	---
Content of aldehyde (To be calculated by weighing as acetic aldehyde), mg/l	≤5	≤30	---	---
Content of fusel oil (To be calculated by weighing as isobutanol or isopentanol), mg/l	≤10	≤80	≤400	---
Methanol content, mg/l	≤800	≤1,200	≤2,000	---
Acid content (To be calculated by weighing as acetic acid), mg/l	≤10	≤20		---
Ester content(To be calculated by weighing as ethyl acetate), mg/l	≤30	≤40	---	---
Content of non-volatile matter, mg/l	≤20	≤25	≤25	---

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

IV. SULFURIC ACID AS A CHEMICAL REAGENT

This standard is based on the international standard ISO6353/2-1983, R37 Sulfuric Acid, Lot No.1, Specification, Section 2, Reagents for Chemical Analysis.

This reagent, which is a kind of colorless and transparent liquid, can be mixed with water or ethanol, discharging great heat. When it is exposed to air, it will rapidly absorb moisture. Its density is 1.84 g/ml.

The molecular formula: H_2SO_4

1. Scope

This standard gives out the specification for the sulfuric acid as a chemical reagent and the requirements for packing and marking of it.

2. Technical Specification

2.1 Content of H_2SO_4 : 95-98%

2.2 Appearance: Qualified

2.3 The maximum contents of impurities, calculated in percent, are given in Table 1.

Table 1. Max.contents of impurities in sulfuric acid in %

Name	G.R	A.P ▲	C.P ▲
Ignited residue (To be calculated by weighing as sulphate), ≤	0.0005	0.001	0.005
Chloride(Cl^-), ≤	0.00002	0.00003	0.00005
Nitrate(NO_3^-), ≤	0.00002	0.00005	0.0005
Ammonium salt(NH_4^+), ≤	0.0001	0.0002	0.001
Ferrum (Fe^{2+}), ≤	0.00002	0.00005	0.0001
Cuprum(Cu^{2+}), ≤	0.00001	0.00001	0.0001
Arsenic(As), ≤	0.000001	0.000003	0.000005
Lead(Pb), ≤	0.00001	0.00001	0.0001
Potassium permanganate reducible matters (To be calculated by weighing as SO_2^{2-}), ≤	0.0002	0.0005	0.001

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

V. INDUSTRIAL CHROMIC ANHYDRIDE

1. Scope

This standard gives out the specification for the industrial chromic anhydride and the requirements for packing, transport, storage and safety of it.

This standard covers industrial chromic anhydride which finds a wide use in electroplating, making pigment and producing the raw materials, oxidizer and textile mordant for developing oxidization catalytic agent.

The molecular formula: CrO_3

2. Technical Requirements

2.1 Appearance: Something purplish red and flaky

2.2 The industrial chromic anhydride shall be as specified in Table 1.

Table 1. Technical requirements for industrial chromic anhydride

Item	Content, %		
	High Class ▲	First Rate	Qualified
CrO_3, ≥	99.7	99.5	99.0
Water-fast matters, ≤	0.02	0.05	0.10
Sulfate (To be calculated by weighing as SO_4^{2-}), ≤	0.06	0.15	0.30
Na, ≤	0.05	-	-

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

VII. INDUSTRIAL PHOSPHORIC ACID

1. Scope

This standard gives out the specification for the industrial phosphoric acid and the requirements for marking, packing, transport and storage of it.

This standard covers the phosphoric acid, made from industrial yellow phosphorus as raw material, which finds its use in electroplating, polishing and phosphate industries in general.

The molecular formula: H_3PO_4

2. Classification of Commodity

The industrial phosphoric acid is delivered in two specifications: phosphoric acid (85% in mass fraction) and phosphoric acid (75% in mass fraction).

3. Technical Specification

3.1 Appearance: Colorless and transparent or somewhat light yellow liquid consistent

3.2 The industrial phosphoric acid shall be as specified in Table 1.

Table 1. Mass fractions of phosphoric acid and impurities in %

Item	Index					
	Phosphoric acid (85%)			Phosphoric acid(75%)		
	High class	First rate ▲	Qualified ▲	High class	First rate	Qualified
H_3PO_4, ≥	85.0	85.0	85.0	75.0	75.0	75.0
Cl^-, ≤	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
SO_4^{2-}, ≤	0.003	0.005	0.01	0.003	0.005	0.01
Fe^{2+}, ≤	0.002	0.002	0.005	0.002	0.002	0.005
As, ≤	0.0001	0.005	0.01	0.0001	0.005	0.01
Heavy metals (To be calculated by weighing as Pb), ≤	0.001	0.001	0.05	0.001	0.001	0.05

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

Ⅷ. INDUSTRIAL TRISODIUM PHOSPHATE

1. Subject and Scope

This standard gives out the specification for the industrial trisodium phosphate and the requirements for marking, packing, transport and storage of it.

This standard covers the trisodium phosphate made by crystallizing out phosphoric acid which has been neutralized by sodium carbonate and caustic soda. This commodity is widely be used as water softener, boiler cleaner or rinsing agent, along with metalloid rust-inhibitor and fabric silkiness intensifier.

The molecular formula: $Na_3PO_4 \cdot 12H_2O$

2. Technical Specification

2.1 Appearance: White or somewhat yellow crystalloid

2.2 The industrial trisodium phosphate shall be as specified in Table 1.

Table 1. Specification for industrial trisodium phosphate

Item	Index, in %		
	High grade	First rate ▲	Qualified
Content of trisodium Phosphate (To be calculated by weighing as $Na_3PO_4 \cdot 12H_2O$), ≥	98.5	98.0	95.0
Alkalinity of methyl orange (To be calculated by weighing as Na_2O)	16.5-19.0	16.0-19.0	15.5-19.0
Content of insoluble matter, ≤	0.05	0.10	
Content of sulfate (To be calculated by as SO_4^{2-}), ≤	0.50		0.80
Content of Chloride (To be calculated by weighing as Cl^-), ≤	0.30	0.40	0.50
Content of iron(Fe^{2+}), ≤	0.01	---	---
Content of arsenic(As), ≤	0.005	---	---

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

Ⅸ. INDUSTRIAL MAGNESIUM VITRIOL

1. Subject and Scope

This standard gives out the specification for the industrial magnesium vitriol and the requirements for marking, packing, transport and storage of it.

This standard covers the industrial magnesium vitriol. This commodity is mainly used for fertilizing, leather making, printing & dyeing, catalyzer commodityion, papermaking and plastics molding & processing.

The molecular formula: $MgSO_4 \cdot 7H_2O$

2. Technical Specification

2.1 Appearance: White or colorless crystallized grains or powder

2.2 The industrial magnesium vitriol shall be as specified in Table 1.

Table 1. Contents of magnesium vitriol and impurities

Item	Content, % (m/m)	
	First rate ▲	Qualified
Magnesium vitriol(To be calculated by weighing as $MgSO_4 \cdot 7H_2O$), ≥	98.0	95.0
Ferrum (Fe^{2+}), ≤	0.005	0.01
Chloride(To be calculated by as Cl^-), ≤	0.30	0.50
Matters insoluble in water, ≤	0.10	0.15

Note: The mark ▲ is referred to as a purity grade applicable to the chrome-plating process for gun barrel.

X. METHYLSULFONIC ACID

1. Subject and Scope

This standard gives out the specification for the methylsulfonic acid and the requirements for marking, packing, transport and storage of it.

This standard covers the methylsulfonic acid applicable to electrolytic plating.

2. Technical Specification

2.1 Appearance: Colorless and transparent liquid

2.2 The methylsulfonic acid shall be as specified in Table 1.

Table 1. Physical and chemical specification for methylsulfonic acid

Item	Content, %		Density, g/cm^3	
	First grade	Second grade	First grade	Second grade
Methylsulfonic acid	70±0.5	60±0.5	1.330-1.360	1.270-1.300
Chloride(To be calculated by weighing as Cl^-)	≤ 0.005	≤ 0.005		
Sulfate(To be calculated by weighing as SO_4^{2-})	≤ 0.02	≤ 0.02		
Iron(To be calculated by weighing as Fe^{3+})	≤ 0.001	≤ 0.001		

XI. TIN BIMESYLATE

1. Subject and Scope

This standard gives out the specification for the tin bimesylate and the requirements for marking, packing, transport and storage of it.

This standard covers the tin bimesylate applicable to terne plating or pure-tin plating.

2. Technical Specification

2.1 Appearance: Light-yellow to yellow and transparent liquid

2.2 The tin bimesylate shall be as specified in Table 1.

Table 1. Physical and chemical specification for tin bimesylate

Item	Content	Density
Tin bimesylate		≥1.38 g/cm^3
Divalent tin	200±10 g/l	
Free acid (To be calculated by weighing as methylsulfonic acid)	≥ 10%	

XII. LEAD MESYLATE

1. Subject and Scope

This standard gives out the specification for the lead mesylate and the requirements for marking, packing, transport and storage of it.

This standard covers the lead mesylate applicable to terne plating or pure-lead plating.

2. Technical Requirements

2.1 Appearance: Colorless and transparent liquid

2.2 The lead mesylate shall be as specified in Table 1.

Table 1. Physical and chemical specification for lead mesylate

Item	Content	Density
Lead mesylate		≥1.56 g/cm^3
Lead	400±10 g/l	
Free acid (To be calculated by weighing as methylsulfonic acid)	≥ 0.5%	

VIII. REDOLION 338

Inspection Criterion of Finished Commodity

Nomenclature: Parco Cleaner 338 (Redolion 338)

This standard specifies the technical criterion and test program of the Parco cleaner 338.

Technical criterion:

Item	Criterion
Free alkalinity (P value)	9.7-11.7

1. Reagents

1.1 Standard hydrochloric acid (1.0 N)

1.2 Phenolphthalein (1% ethanol solution)

2. Main meter and apparatus

pH meter: Model PHS-3C made by the Shanghai Leici Factory

It is allowed to test with volumetric analysis method when no pH meter is available.

3. Test Procedure

Test of free alkalinity (P value)

3.1 Transfer 4 g of sample, to the nearest 0.01 g, to a 100-ml volumetric flask and dissolve it. Dilute to the mark and mix thoroughly by shaking vigorously.

3.2 Pipet 25 ml of sample into a 100-ml beaker.

3.3 Add 40 ml of deioned water. Control the end point with pH meter or phenolphthalein indicator.

3.4 When the solution is titrated with standard hydrochloric acid (1.0 N) to pH = 8.2 or to a colorless color, the volume of consumed standard solution is regarded as the free alkalinity (P value).

Annexure B to Section – B

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	1st lowest Bidder

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 (*Attested copies of Registration certificate to be enclosed*)	5	• Full marks will be given on provision of at least 1 x Registration certificate • Non-registered firms will be awarded 2.5 gratis Marks
	Total	**15**	

c. **Past Performance.** 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)**

Ser	Types	Description	Max Points
(1)	Procurement of Special Lab & Allied Chemicals	Tech specifications / parameters compliance (Meeting critical Parameters is mandatory)	30
		Technical data package (Technical / user / Maintenance manuals, drawing reports	10
		Past performance	10
		Total	**50**

Annexure C to Section - B

FINANCIAL PROPOSAL

SCHEDULE OF PRICE - SUMMARY

Description of Stores

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 PST	@ 18 % @ 16%	Rs. -------	
Total Price with Taxes (all applicable):							**Rs. ----------**	
Total Price in words								

Annexure D to Section - B

RT No. 5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated _____ 2026

NON DISCLOSURE AGREEMENT

1. The Recipient _____ (Name of CEO/Director) _____ of _____(Name of firm) _____ hereto 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 Informationas trade secrets.

      (2) Notwithstanding anything in the foregoing to the contrary, Confidential Information shall not include information which was known by the Receiving Party prior to receiving the 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 inaccordance 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. 5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated _____ 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 _____

Annexure G to Section - B

IT No. 5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated _____ 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 thisGuarantee.
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 ofthe 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:* _____

Annexure H to Section - B

RT No. 5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated _____ 2026

PL-15

MINISTRY OF DEFENCE PRODUCTION

HEAVY INDUSTRIES TAXILA

SUPPLIER'S WARRANTY/GUARANTEE

Firm's Name: _____

Contract No.: _____

We hereby guarantee that the articles supplied under the terms of this contract are new production in conformance with approved drawings in all respect in accordance with the terms of the contract, and that the material used, whether or not of our manufacture, are in accordance with the latest appropriate standard specification, and also in accordance with the terms of the contract complete of good workmanship throughout.

We also guarantee and that we will replace free of cost (FOB/CIF/C&F/FOR/DDP) as the case may be every article or part hereof which before use or in use shall be found defective or is found not within the limits and tolerance of specification requirement or if any way are not in accordance with the requirements of the contract.

In case of our failure to replace the defective stores free of cost within three months of reporting by the consignee, we will refund the relevant cost (FOB/CIF/C&F/FOR) as the case may be in the currency/currencies in which received plus freight charges, upto consignees end and the purchaser shall have the right to purchase the stores declared defective at our risk and expense from elsewhere.

The supplier also undertakes to make good the deficiency in supply if any.

The warranty will remain valid 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.*

Annexure I to Section - B

RT No. 5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated _____ 2026

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 **180 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. **5126/RT-6708/GF/FOR (Gp-I)/2026-27/SCM dated _____ 2026**

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 withoffer	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 afteropening 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 areattached with offer:- a. MoDP / HIT letter indicating Registration / Indexation Status (Registered firms only)	Yes/ No Anx NA
	b. Valid Manufacturer License by Ministryof Health	NA
	c. Production Registration Letter of Ministry of Health indicating Registration No ofStore	NA
	d. Valid agency Agreement	Yes/ No
	e. DGDP Letter indicating Financial Capability (Registered firms only)	Yes/ No
	f. Bank Statement of Last One Year (Unregistered firms only)	Yes/ No
	g. Income Tax Registration Certificate byCBR NTN	Yes/ No
	h. Sale Tax Registration Letter/No	Yes/ No
	i. Trade/Retail Price List	Yes/ No
	j. Interchangeability certificate attached.	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.	**Black listing certificate.** 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

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 180x 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**.
   (4) CD/USB enclosed in 'The offer' envelop soft copies (pdf files) of all submitted documents.

   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 CEO or authorized signatory of the firm.
   (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.
   (6) CD/ USB enclosed in 'Commercial offer' envelope containing locked (non editable) Excel file which is strictly as per given format (no change in column/ rows/ serial number).

ACKNOWLEDGEMENT SLIP

Bid No: _____

Date of Receipt: _____

Name of Firm: _____

Signature ___ (Authorized Person)