HPOIL GAS PRIVATE LIMITED

(A Joint Venture of HPCL & OIL)

TENDER FOR SUPPLY OF PE100 MDPE PIPES FOR CITY GAS DISTRIBUTION AT AMBALA-KURUKSHETRA GA

TECHNICAL VOLUME

TENDER NO. HOGPL/2026-27/C&P/035
DATE: 05.11.2026

Digitally signed by Bivek Kumar Singh
Date: 2026.11.05 16:22:11 IST

MATERIAL REQUISITION
FOR
MDPE PIPE

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1. INTRODUCTION

HPOIL Gas Pvt Ltd (HOGPL) is a 50:50 Joint Venture Company (HOGPL) of Hindustan Petroleum Corporation Limited (HPCL) and Oil India Limited (OIL). HOGPL is authorized by Petroleum and Natural Gas Regulatory Board (PNGRB) for developing and operating City Gas Distribution network in districts of Ambala-Kurukshetra, Kolhapur and Entire State of Nagaland

2. PURPOSE

This document is for the design, manufacturing and purchase of MDPE Pipes for City gas distribution project in Ambala - Kurukshetra GA.

3. DOCUMENT PRECEDENCE

It shall be the responsibility of the MANUFACTURER/ VENDOR to inform the PURCHASER of any errors, ambiguities, inconsistencies, discrepancies or conflict of information that may be found to exist in any document, specification or drawing submitted by the PURCHASER.
In case of conflict, the order of precedence shall be as follows:

a. MR

b. Basic Documents (Specifications)

c. Codes and Standards

As a general rule in the event of any discrepancy between technical matter and local laws/ regulations (and documents above listed) the most stringent shall be applied.

MANUFACTURER/ VENDOR shall notify PURCHASER of any apparent conflicts between MR, specifications, any code and standards and any other specifications noted herein. (Resolution and/ or interpretation precedence shall be obtained from PURCHASER in writing before proceeding with the design/ manufacturer or completion of services.)

4. BILL OF MATERIAL

Design, engineering, manufacture, procurement, inspection, testing at manufacturer's works, packing, transportation/ shipping, transit insurance, handling, and delivery of PE100 MDPE Pipes at HOGPL's designated stores located in Ambala-Kurukshetra, Haryana including unloading as per stipulation made in tender documents.

SOR Item No.	Pipe Size	Grade	Total Qty. (Mtrs.)	Delivery Loction
1	MDPE PIPE 20MM	PE 100	3,481	Ambala-Kurukshetra GA
2	MDPE PIPE 125MM	PE 100	2,100	
3	MDPE PIPE 32MM	PE 100	100,767	
4	MDPE PIPE 63MM	PE 100	22,525	
5	MDPE PIPE 63MM	PE 100	8,000	Kolhapur GA

Notes: Quantities are indicative only.
Quantities will be finalized later after confirmation from client.

NOTES: -

1.0 Supplier shall submit his bid in full compliance with the requirements of this MR and attachments. Bidder shall include the following statement in his bid:

We certify that our bid is fully complying with your enquiry dated……and referenced ……

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Compliance with this material Requisition in any instance shall not relieve the Vendor of his Responsibility to meet the specified performance.

2.0 The supplier shall be completely responsible for the design, materials, fabrication, testing, and Inspection, preparation for shipment & transfer of above material to nominated delivery point strictly in accordance with the MR & all attachments thereto.

3.0 Supplier's scope of work includes manufacture of MDPE with all internals & accessories shown on the data sheets, specifications and all parts necessary for a satisfactory operation & testing except those which are indicated to be out of Supplier's supply.

4.0 Inspection shall be performed by a designated Third-Party Inspection agency and/or purchaser as set out & specified in the codes & particular documents forming this MR.

5.0 General descriptions, requirements and information are listed in Column-B, Table-1 of this Material Requisition.
Supplier shall supply the documentation as listed in Column-C, Table-1 of this Material Requisition.

All documents shall be supplied in English language.

5. DOCUMENTS & DATA REQUIREMENTS

The table hereunder specifies the quantities and the nature of the documents to be submitted by the Manufacturer to the HPOIL Gas Pvt Ltd (HOGPL).

The documents required at the inquiry stage and to be included in the bid are listed under column A.

The documents required after award of the AGREEMENT and subject to the written approval of the PMC are listed under column B.

The final and certified documents are listed under column C.

Any document, even when preliminary, shall be binding and therefore duly identified and signed by the Manufacturer. It shall bear the HOGPL Project reference, the Material Requisition number and the identification number.

The documents are fully part of the supply which shall be complete only if and when the documents complying fully with the material requisition requirements are received by the engineer.

Table-1: DOCUMENTS & DATA REQUIREMENTS

Sr. No.	Documents and Data	A	B		C	
		Number of Copies	Number of Copies	Required Date	Number of Copies	Required Date
1	Detailed Data Sheet as per Tender Specifications with Sizing Calculation for each type.	~	~	1 Week	~	1 Week

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2	Detail Raw Material Manufacturer with Contact Details	~	2	1 Week	2	1 Week
3	GA & Fabrication Drawings, Document Submittal Schedule, Testing & Delivery Schedule	~	~	1 Week	~	1 Week
4	Standard / Code Compliance Certificate as mentioned in Tender Document	2	~	1 Week	2	1 Week
5	Compliance Certificate to Quality Assurance Plan as mentioned in Tender Documents	2	~	1 Week	2	1 Week
6	Tag Number & Name Plate Format	~	~	1 Week	~	1 Week
7	List of Special Test Equipment's / Tools required for Maintenance	~	~	1 Week	~	1 Week
8	Spare Parts List for 2 Years Normal Operation	~	~	1 Week	~	1 Week
9	Inspection & Test Procedure (ITP)	~	2	2 Weeks	2	2 Weeks
10	Material / Equipment Test / Calibration / Inspection Certificates & Reports	~	2	1 Week after Test	2	1 Week
11	Installation, Operation & Maintenance Manuals, Catalogues with Part List	~	~	2 Weeks before shipping	~	1 Week
12	Painting System Description & Procedure	~	~	2 Weeks before shipping	~	1 Week
13	Packing / Shipping List with Weights & Dimensions	~	2	2 Weeks before shipping	2	1 Week
14	Final Technical File (containing All Final / Approved Drawings & Documents listed in Hard & Soft Copies)	~	~	2 Weeks before shipping	2	1 Week

NOTES:

1. Duration in column B (required date) are weeks after purchase order date.
   Duration in column C (required date) are weeks after document approval.
   Due date of each document may be proposed.
2. Final technical file shall be supplied in hard copy as indicated, and in electronic format (pdf acrobat) on two (2) CD-ROMS.

6. LIST OF ATTACHMENTS

1. Standard Specifications of Medium Density Polyethylene Pipes (MDPE)
2. Quality Assurance Plan for MDPE Pipes -: VPC-SS-PL-0029
3. Checklist
4. Compliance sheet
5. Instruction to Bidders
6. Vender drawing document schedule.

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STANDARD SPECIFICATION

FOR

MEDIUM DENSITY POLYETHYLENE (MDPE)LINE PIPE

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2.0 DEFINITIONS

Where used in this document, the following terms shall have the meanings indicated below, unless clearly indicated by the context to this order

PROJECT	:	CITY GAS DISTRIBUTION PROJECT OF AMBALA-KURUKSHETRA GA
OWNER	:	HPOIL Gas Pvt Ltd (HOGPL)
MANUFACTURER	:	The party, which manufactures and supplies equipment and services to the OWNER or to CONTRACTOR
MR	:	Material Requisition.

3.0 TERMINOLOGY

- Maximum Allowable Operating Pressure (MAOP): The maximum effective pressure of gas in a piping system, expressed in bars, which is allowed in continuous use. It takes in account physical & mechanical characteristics of the components of piping system.

  The equation for MAOP = 20 x MRS/(C X (SDR- 1))

- Minimum Required Strength (MRS) — Minimum value in MPa, for long-term hydrostatic strength (LTHS) of the material.

- Nominal Outside Diameter (d_n): A convenient round number (in millimeters) for reference purposes which is common to all components in all thermoplastic systems, except for flanges and components which are designated by thread size.

- Out of roundness (Ovality): The absolute out of roundness is the difference between the measured maximum outside diameter and the measured minimum outside diameter in the cross - section of pipe.

- Nominal Wall Thickness(e_n): The wall thickness in millimeter
  Corresponding to minimum wall thickness at any point around circumference of the pipe

- Resin: A material (solid or semi-solid) which has a high molecular weight and is a product of polymerization.

- Melt Flow Rate (MFR): is a value relating to the viscosity of the molten material at a specified temperature and a rate of shear.

- Standard Dimension Ratio (SDR). The ratio of nominal outside diameter of a pipe to its nominal thickness.

For any other terminology, IS-14885-2022 (latest) and/ or other applicable National International codes/Standard can be referred.

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4.0 DESIGN CODES/STANDARDS REFERENCES

The following National & international codes/ standards/ references (Latest edition) shall be applicable for PE- 100 material as well as Polyethylene pipe.

IS0-14885	Polyethylene pipes for supply of Gaseous Fuels
ISO-4437	Buried Polyethylene pipe for supply of Gaseous fuels – metric Series- Specification
IS-2530	Methods of test for PE moulding materials and PE compound
ISO-11830	Plastic: Methods for determining the density of non-cellular plastic
IS0-1872- 28	Plastic: polyethylene (PE) moulding and extrusion material.
ISO- 527	Plastics: Determination of tensile properties.
IS0-1133	Plastics - determination of the melt-mass flow rate (MFR) and melt volume flow rate (MVR) of thermoplastic.
EN 1555-7	Gaseous fuels supply polyethylene (PE)

5.0 RAW MATERIAL GRADE AND PROPERTIES

- Raw material grade classification shall conform to Cl.4.2.1 of IS-14885: 2022.
- The raw material of polyethylene pipes shall be PE- 100.
- The properties of PE - 100 shall conform to the table 2 of IS-14885: 2022.
- Other materials /additives such as, anti-oxidant, UV stabilizer, pigment dispersion etc. shall conform to IS-14885: 2022.
- Raw material of polyethylene pipes shall be of virgin quality. PE compound shall be Cadmium free pigment compound.
- Anti-oxidant & UV stabilised used in PE resin shall not exceed 0.3 and 0.5 % by mass of Finished resin respectively.
- Raw material supplier to supply the certificate for percentage use of U.V. stabilizer in the raw materials (PE compound).
- Following are forbidden:
  a) use of recycled materials;
  b) mixture of different materials;

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➢ Properties of PE-100

Property	Unit	Test Method	PE-100
Conventional Density	Kg/m3	IS 7328 : 1992	≥ 928.4 at 23°C ≥930.0 at 27°C
Tensile Yield strength	MPa	IS-14885: 2022	10 minimum.
Elongation at break	%	IS-14885: 2022	350 minimum
Melt-mass Flow Rate	g /10 min.	IS-2530:1963 IS-14885: 2022	± 20% of value nominated by compound producer@ 190°, 5.0kg. (load)
Thermal stability	Minute	Annexure-D of IS-14885-2022	≥ 20@ 200°C
Oxidation Induction time	Minute	IS-14885: 2022	≥ 20
Volatile Matter Content	(mg/kg)	IS-14885: 2022	≤ 350
Pigment Dispersion	Grade	IS-14885 : 2022	≤ 3
Resistance to gas constituents	h	IS-14885: 2022	≥ 20@ 80°C

The above requirements are also same for the final product.

- PE compound quality evaluation shall be as per IS-14885: 2022.

6.0 APPROVED MANUFACTURER FOR RAW MATERIAL (PE-100)

1. INEOS
2. BOREALIS
3. TOTAL PETROCHEMICALS
4. DOW
5. BASELL
6. BOROUGE

7.0 PIPE SIZE/ DIMENSION

- Wall Thickness

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S. NO.	NOMINAL DIA. Mm	MINIMUM WALL THICKNESS, (e) mm	SDR	OVALITY
1	20	3.0	11	IS-14885: 2022
2	32	3.0	11	IS-14885: 2022
3	63	5.8	11	IS-14885: 2022
4	125	11.4	11	IS-14885: 2022

- Length of Pipes

The required minimum length of straight pipes and coils reels shall be as Follows:

Nominal Diameter (mm)	Packing Length
20	200,Roll
32	200,Roll
63	100,Roll
125	50,Roll

- Method of Measurement

The method of measurement of outside diameter, wall thickness, length, ovality etc. of pipe shall conform to IS-14885: 2022 or equivalent code/standards.

8.0 TOLERANCE

❖ Tolerances for Random Length of Pipes

- Tolerances for each rolled pipes - 0/+0.5m
- Tolerances for each straight pipes - 0/+0.05m

❖ Tolerances on Nominal wall thickness at any points of pipe shall be in accordance with IS-14885: 2022 or equivalent codes / standards.

9.0 Color

The pipe shall be of ORANGE colour, when the pipe shall be manufactured from PE-100 grade of raw material.

10.0 MARKING

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- Owner's name as HOGPL to be marked on each pipe.

  - All pipes shall be permanently and legibly marked along their length with a legend, which shall be impressed to a depth of not more than 0.15 mm.

  - Marking details shall be formed in such a way that marking does not initiate cracks or other type of failure and in such a way that with normal storage weathering and processing and permissible method of installation use legibility shall be maintained for the pipe

- The embossing for orange pipe shall have black base. Height of character shall be uniform and at least as given below:

  a) 3 mm for pipe less than 90 mm nominal size.

  b) 5 mm for pipe greater than 90 mm nominal size.

- Legend shall be repeated at intervals of 1 m and shall consist of following Information's:

  a) Manufacturer's identity name or trade name,

  b) Material and designation

  c) Batch no. or lot no

  d) Internal fluid

  e) SDR

  f) Reference of standard

11.0 QUALITY ASSURANCE PLAN (QAP)

Vendor to submit their own QAP along with offer based on indicative QAP enclosed in this tender. However, the same QAP shall be submitted for approval to the Owner I Owner's representative.

12.0 TYPE TEST CERTIFICATE

Vendor to submit Type Test Certificates as per IS-14885: 2022 along with the offer.

13.0 FINISH / DEFECT LIABILITY

The internal and external surfaces of the pipes shall generally be smooth, clean and free from cavities and other surface defects, which may affect pipe performance. The pipe ends shall be cut cleanly and square to the axis of the pipe and shall be within the tolerances of ends. Defect liability period shall be 24 months from last date of delivery of pipes.

14.0 First lot / FIRST consignment LIABILITY

Vendor shall supply 1st Lot / 1st Consignment from their Warehouse / Store subject to following tests of at least one sample from that lot / consignment duly witnessed by Client / PMC's Representative:

- Hydrostatic Strength at 80°C for at least 165 hr. as per Cl. 8.1, IS-14885.
- Elongation at break 350 percent (Min.), as per Cl. 8.7, IS-14885.

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15.0 SUPPLY, PACKAGING, HANDLING TRANSPORTATION AND UNLOADING OF PE-100 PIPES

Packaging shall be done in Hessian cloth (Jute) with polyethylene sheet wrapped around the pipe to avoid direct sunlight and facilitate out-door storage. Packing size to be mentioned to ensure uniformity in delivery conditions of the pipe being procured Bidder shall submit the packaging details during offer and also complied with at the time of delivery. Manufacturer shall make an arrangement for unloading of pipes at Owner's premises.

16.0 DOCUMENTS TO BE SUBMITTED ALONG WITH BID

All Relevant Documents like BIS Certification, Catalogue Etc. to be Submitted Along With the Bid.

REFERENCES: AMENDMENTS TO THE CLAUSES OF IS-14885:2022

1. TERMINOLOGY

1.1 Lot of Batch of Compound

By lot of batch of compound is meant a homogeneous quantity of PE compound of same origin of particular brand.
The lot must be registered under a single identification number (lot No.) which leaves no doubt as to the origin, identity & date of manufacture of the compound.

2. MATERIAL

2.1 Polyethylene Compound

Polyethylene compound used in manufacture of pipes shall not contain following:-

Recycled Materials

Mixture of different material

3. Other Materials

Addition of complementary materials and I or mixture of different materials by the pipe manufacturer is forbidden.

4. PERFORMANCE REQUIREMENTS

4.1 THERMAL STABILITY TO OXIDATION

The Maximum admissible decrease in the oxidation induction time measured on a pipe sample compared to that measured on the raw material shall not exceed 20% of the latter.

5. SAMPLING, FREQUENCY OF TEST AND CRITERIA FOR CONFORMITY

5.1 Acceptance Tests

5.1.1 LOT

All pipes of the same size, same pressure rating and also manufactured essentially under similar conditions of manufacture i.e. made in a continuous process by the same extrusion machine and from the same Lot of

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batch of compound shall constitute a lot.

6. ANNEXURE – K, (CLAUSE – 11 OF IS-14885): SUPPLY, PACKAGING, HANDLING AND TRANSPORTATION OF POLYETHYLENE PIPES FOR GAS TRANSMISSION

K.1 SUPPLY

Prior to execution of the order, the manufacturer must submit to the company the seals which it intends to use for all the types of pipes ordered. The seals shall preferably be made of PE or material which does not adulterate polyethylene. Metal and PVC seals are not permitted. The seals must be able to withstand storage terms as guaranteed in Clause K6: STORING (of MDPE Pipe) of this Annexure-K and also to withstand handling during installation. They must not be brittle or sharp and the materials, shapes and dimensions thereof most are such that they cannot fully penetrate inside the pipes. They are of the internal plug type for all pipes supplied in straight lengths, and or pipes rolled in coils or on reels, the seals may be caps.

All seals are fitted with valve to prevent pressurization or depressurization of the pipes, depending on climatologically temperature cycles. In theory, they are placed on the pipes immediately after completion of the manufacturing tests, but before storage of the pipes. In the event of acceptance, the pipe plugs are removed and replaced by the supplier. The seals cannot be recycled after the pipes have been installed. Their removal on site should not require the use of special tools.
PE can be delivered in straight length or coils, transported and stored. Care should be taken to maintain the coil diameter at or above the specified minimum to prevent deformation. Coiled pipe should be contained on a dispensing reel. The pipe should be wrapped with non- transparent PE films of 100 mm gauge to protect from ultra violet rays.

K.2 HANDLING

PE pipe is relatively light and flexible however, it is susceptible to damage from sharp objects and stones. It should not be dragged, dropped or subjected to rough handling during loading or unloading,transport, storage or actual installation.

K.3 TRANSPORTATION

When being transported, care should be taken to ensure pipes are not restrained in such a manner as to cause damage to them. Sharp sections bearing against the pipes should be avoided so as to minimize the chance of indentation or scoring of the pipe wall.

Pipes with end treatment should be stacked or supported in such a way that the ends are free from loading. Pipe ends, particularly ends cut for jointing, should be given special attention at all times to ensure they arefree from damage.

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	QUALITY ASSURANCE PLAN FOR MDPE PIPE				PROJECT: CITY GAS DISTRIBUTION PROJECT OF AMBALA - KURUKSHETRA GA		
S.No.	**Activity**	**Quantum of Check**	**Acceptance Criteria (IS-14885:2022 or and SS-71127/D/31/0398)**	**Format of Record**	**Vendor**	**TPIA**	**Remarks**
1	**Raw Material Inspection**						
1.1	Test result of PE compound	Per Lot of Batch of Compound	PE - 100 Cl. No. 5 of IS & SS	MTC of manufacturer	R	R	Witness may be done by CA to insure use of compound material
2	**Type approval test for long term hydrostatic strength & Others**	-	@ 80 º C for 1000 hours @ 20 º C for more than100 hours As per Table 7 of IS	TPIA approved certificate	R	R	
3	**In-Progress Inspection**						
3.1	**Raw Material Identification at the time of pouring the bags in Hopper.**	Each Bag	PE - 100 Cl. No. 5 of IS & SS	Consumption Report	P	H	TPI to verify MTC of each batch for consumption
4	**Final Inspection**						
4.1	Visual Apperance						
	a) Smoothness & Cleanliness	One out of 10 Pipes or As per IS: 14885 (latest edition), whichever is higher	Smooth & clean or as specified in CL no. 7 of IS 14885	--	P	W	
	b) Surface Defects		Free from grooves, scoring etc. or as specified in CL no. 7 of IS 14885	--	P	W	
	c) Cuttings		Cleanly cut ends & square to axis or as specified in CL no. 7 of IS 14885	--	P	W	
4.2	Dimension						
	a) Outside diameter	One out of 10 Pipes or As per IS: 14885 (latest edition), whichever is higher	Cl no. 6 /Table 4 of IS:14885	Inspection Report	P	W	
	b) Wall Thickness		Cl no. 6 of IS:14885	Inspection Report	P	W	
	c) Ovality		Cl no. 6 of IS:14885	Inspection Report	P	W	
	d) Length		As per technical volume of Tender Document	Inspection Report	P	W	
4.3	Hydraulic Characterstics						
	80^{O}C for 165 hrs	Table 9 & Table 11 of IS: 14885 (latest edition)	Cl 8.1, Annexure A & B & Table 7 of IS	Hydrotest Report	P	W	Preferably random witness by CA
4.4	Heat reversion test	Table 12 & Table 1 of IS 14885 (latest edition)	CL 8.2, Annexure C of IS / Not more than 3%	Inspection Report	P	W	
4.5	Density (matl. From pipe)		@ 23 º C ≥ 928.4 kg/m3 & '@ 27 º C ≥ 930 kg/m3	Inspection Report	P	W	
4.6	Melt Flow Rate - Pipe		Cl 5.3 of SS/ Cl 8.4 of IS	Inspection Report	P	W	
4.7	Thermal Stability to Oxidation		Cl 8.5, Annexure D of IS / OIT ≥ 20 minutes	Inspection Report	P	W	
4.8	Volatile Matter Content Test	-	Cl 8.7, Annexure H of IS / ≤ 350 mg/kg	Inspection Report	P	W	

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S.No.	Activity	Quantum of Check	Acceptance Criteria (IS-14885:2022 or and SS-71127/D/31/0398)	Format of Record	Vendor	TPIA	Remarks
4.9	Tensile Test & Elongation at break	Table 11 of IS: 14885 (latest edition)	Cl 8.8 & Annexure J of IS / Tensile Yield Strength = 15 MPa (min.), Elongation = 350% (Min.)	Inspection Report	P	W	Preferably random witness by CA
4.10	Resistance to weathering	-	Cl 8.8 & Annexure B of IS	Inspection Report	P	R	
4.11	Squeeze Off Test	-	Cl 8.11 & Annexure C of IS	Inspection Report	P	W	
4.12	Pigment Dispersion		Cl 8.5 of IS, the grading shall be ≤ 3.	Inspection Report	P	W	
5	**Marking Information**						
	1. Legibility	Table 10	Visual / Should be legible	Inspection Report	P	R	
	2. Depth	Table 10	As per Cl 10 of SS, Depth < 0.15 mm	Inspection Report	P	RW	
	3. Marking Strip	Table 10	Cl 10 of IS, Single Strip for Pipes with Nominal Size <=32mm & two strips on opposite side of pipe for other pipes.	Inspection Report	P	RW	
	4. Colour or Marking	Table 10	As per Cl 10 of SS, Black colour	Inspection Report	P	RW	
	5. Height of Character	Table 10	As per Cl 10 of SS, Min.3 mm for < 90mm pipe sizes & Min. 5 mm for > 90mm pipe sizes.	Inspection Report	P	RW	
	6. Legends	Table 10	As per Cl 10 of SS, At interval of 1 mtrs. And should contain information as specified in SS	Inspection Report	P	RW	
6	Final Documentation	-	P.O. / SS	Compliance Certificate	p	H	

LEGENDS: R - Review, W - Witness, RW - Random Witness, H - Hold, P - Perform, TPIA - Third Party Inspection Agency , CA - Control Authority (Owner / owner's representative) , P.O. - Purchase order

Notes: -

1. The Above Testing and acceptance critera are minimum requirements, however, manufacturer shall ensure that the product shall also comply to the additional requirements as per Standard Specification (SS)
2. The supplier shall submit their own detailed QAP prepared on the basis of above / Standard specification for approval of Owner/Owner's representative.
3. Owner/Owner representative shall review/approve all the documents related to QAP/Quality manuals/Drawings etc.submitted by supplier.
4. Contractor shall in coordination with Supplier/Sub vendor shall issue detailed Production and Inspection schedule indicating the dates and the locations to facilitate Owner/Owner's representative and TPIA to organise Inspection.
5. Special manufacturing procedures have to be specially approved or only previously approved procedures have to be used, in case of conflict between specifications more stringent condition shall be applicable.
6. Owner / Owner's representative including TPIA will have the right to inspect any activity of manufacturing at any time.
7. All reference Codes/ Standards, Documents, P.O. Copies shall be arranged by vendor / supplier for reference of TPIA/HPCL&OIL at the time of Inspection
8. At the time of deleivery of materail in stores, vendor will submit copy of all related document of inspection along with release note & MTC.

Prepared By: Name - Signature - Date - Stamp

Reviewed By: Name - Signature - Date - Stamp

Approved By: Name - Signature - Date - Stamp

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CHECKLIST – TECHNICAL

Bidder confirms following, as a minimum, has been enclosed in the offer.

S.No	Requirements	Compiled by Bidder(Tick)
1	Reference List of previous supply of Procured item	☐
2	Filled – up Data Sheets, duly signed and stamped by bidderenclosed.	☐
3	List of recommended commissioning spares and accessories forProcured item.	☐
4	List of recommended spares and accessories for two yearnormal operation for procured item.	☐
5	Compliance statement duly filled and stamped enclosed.	☐
6	GA & assembly drawings, cross section drawings including partlist & material list enclosed.	☐
7	Other technical details & vendor's product catalogues enclosed.	☐

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COMPLIANCE STATEMENT

S.No	Requirement	Bidder's Confirmation
1	Bidder confirms that all materials proposed by the bidder are same/ superior to those specified in specification/ data sheets enclosed.	
2	Bidder confirms that the offer is in total compliance with the Technical requirements of the Material Requisition. Bidder confirms that deviation expressed or implied anywhere else in the offer shall not be considered valid.	
3	Bidder confirms that all spares and accessories required for two years of normal operation have been quoted separately.	
4	Bidder confirms that prices for start-up/commissioning spares and accessories have been included in the quoted items.	
5	Bidder confirms that in the event of securing order for the requisitioned item(s), good for manufacturing drawings of ordered item(s) shall have complete details with dimensions, part list and material list including back-up calculations in the first submission, failing which the vendor shall be solely responsible for any likely delay in delivery of item(s).	

Bidder's Signature with Stamp

INSTRUCTION TO BIDDERS

1. Bidder to note that no correspondence shall be entered into or entertained after the bid submission.
2. Bidder shall furnish quotation only in case he can supply material strictly as per this Material Requisition and specification/data sheet forming part of Material Requisition.
3. If the offer contains any technical deviations or clarifications or stipulates any technical specifications (even if in line with MR requirements) and does not include complete scope & technical / performance data required to be submitted with the offer, the offer shall be liable for rejection.
4. Bidder must submit all documents as listed in checklist with his offer.
5. Supplier must note that stage wise inspection for complete fabrication, testing including the raw material inspected to be carried out.
6. Vendors for bought out items to be restricted to the approved vendor list attached with bid document. Approval of additional vendor if required, for all critical bought out items shall be obtained by the supplier from the purchaser before placement of order. Credentials/PTR of the additional vendor proposed to be submitted by supplier for review and approval of Purchaser/ Purchaser's representative.

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VENDOR DRAWINGS

DOCUMENT SCHEDULE

	Vendor Drawing/ Document Submission Schedule						Status: Date:	
Client	Project			Vendor Name				
Item Description	PR No.			Address				
	FOA No.							
	Date of LOA							
	PO No.			Contact Person:			Fax:	
VCS Department			Contact Person (VCS)		Phone:		Email:	
S. No.	Equipment Number	Drg./Doc. Nomenclature	Vendor Drg./ Doc. Number	Vendor Drg./Doc. Title	Category Review (R) / Records	Scheduled date of 1st submission (Rev.0)	Form Electronic / Print	Remarks

Digitally signed by Bivek Kumar Singh
Date: 2026.11.05 16:22:11 IST