ऑयल इंडिया
OIL INDIA

MATERIALS DEPARTMENT
P.O. Duliajan, Dist. Dibrugarh
ASSAM, PIN – 786 602, INDIA

FORWARDING LETTER

Subject: Tender No. SDG0515P26/P7 dated 30.10.2025 for Multi-Purpose Pumping Unit, Qty = 1 No.

Dear Sir/Madam,

1.0 **OIL INDIA LIMITED (OIL)** is a premier National Oil Company engaged in the business of Exploration, Production and Transportation of Crude Oil and Natural gas. A Company under the Ministry of Petroleum and Natural gas, Government of India (GOI), with its Headquarters at Duliajan, Assam. Duliajan is connected by Air with nearest Airport at Dibrugarh, 45 km away.

2.0 In connection to its operations, OIL invites **INTERNATIONAL COMPETITIVE BIDS** from competent and experienced bidders through OIL's e-procurement site for the items mentioned below. One complete set of Bid Document for above is uploaded in OIL's e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL's e-procurement portal. For your ready reference, few salient points of the Tender are highlighted below:

	E-Tender No.	:	**SDG0515P26/P7 dated 30.10.2025**
	Type of Bidding	:	**SINGLE STAGE TWO BID SYSTEM**
	Bid Closing Date & Time	:	As mentioned in OIL's E- procurement portal at 11:00 HRS.
	Technical Bid Opening Date & Time	:	As mentioned in OIL's E- procurement portal at 13:00 HRS.
	Price Bid Opening Date & Time	:	To be decided later and shall be intimated separately to the technically qualified bidders only.
	Bid Security and Validity	:	**INR 35.00 Lakhs or USD 40,000.00 valid upto 30.06.2026**
	Bid Submission Mode	:	Bids must be uploaded online in OIL's E-procurement portal
	Bid Opening Place	:	Office of GM-MATERIALS, Materials Department, Oil India Limited, Duliajan -786602, Assam, India.
	Bid Validity	:	Bid should be valid for **120 days** from actual bid closing date.
	Performance Guarantee	:	Applicable @ 5% of Order value
	Integrity Pact	:	Applicable
	MSE Purchase Preference	:	Applicable
	Preference To Make In India) order (MII	:	Applicable

	Purchase Preference		
	Preference to domestically manufactured Iron and Steel product (DMI&SP Policy)	:	Not Applicable
	Document Verification by independent third party inspection agencies	:	Applicable *(Detailed in clause 47 of under CC: General Notes to Bidders of Annexure – A)*
	Restrictions on procurement from a bidder of a country which shares a land border with India	:	Applicable
	Sustainable Development (SD) and Environment, Social & Governance (ESG) Policy	:	Applicable
	OIL's Banning policy	:	Applicable
	Pre - despatch inspection	:	Applicable
	Third party inspection (TPI)	:	Applicable – By Supplier
	Installation & Commissioning	:	Applicable
	Training	:	Applicable
	Annual Maintenance Contract	:	Not Applicable
	Contact Details	:	Tuhin Roy, Deputy General Manager Materials (FP-07) E-MAIL: tuhin_roy@oilindia.in PHN: 0374-2808754
	E-Tender technical Support	:	TEL: 0374- 2804903, 2807171, 2807192, E-MAIL: erp_mm@oilindia.in
	Bids to be addressed to	:	GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India.
LIST OF ANNEXURES, APPENDICES & PROFORMAS			
PART - A	Annexure - A	:	Tender details and various notes to bidders
	Annexure - B	:	Item specifications and detailed scope of work
	Annexure - C	:	Bid Rejection Criteria/Bid Evaluation Criteria
	Annexure - D	:	Technical & Commercial Check List
	Annexure – E	:	Price Bid Format/Price Schedule – For Domestic & Foreign Bidders *(Attached in 'Notes & Attachments')*
PART - B	Annexure - F	:	AA: General Notes to Bidders BB: Additional Notes to Bidders
	Appendix - A1	:	Public Procurement (Preference To Make In

			India) order (PPP- MII Order)
	Appendix - A2	:	Policy for providing preference to Domestically Manufactured Iron & Steel Products (DMI & SP)
	Appendix - A3	:	Amendment to DMI&SP vide Gazette notification No. S-13026/1/2020- IDD dated 31.12.2020 and amendments thereof, Ministry of Steel for certain amendment to DMI&SP policy
	Appendix - A4	:	Restrictions on procurement from a bidder of a country which shares a land border with India.
	General Terms & Conditions (GTC-1)	:	General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL /E-01/ 2005 for E-procurement (ICB tenders)
	General Conditions of Contract (GTC -2)	:	General Terms & Conditions for Services (Applicable for AMC cases)
	Proforma - 1	:	Format for Bid Security
	Proforma - 2	:	Format for Integrity Pact
	Proforma - 3	:	Format for Performance Security
	Proforma - 4	:	Format for undertaking towards submission of authentic information/ documents
	Proforma - 5	:	Format for undertaking towards compliance of restriction on procurement from a bidder of a country which shares a land border with India
	Proforma - 6	:	Form 10F
	Proforma - 7	:	Format for No Business Connection or Permanent Establishment Certificate
	Proforma - 8	:	Format for undertaking towards compliance of Financial Criteria
	Proforma - 9	:	Format for Annual Turn Over and Networth Certificate
	Proforma - 10	:	Format for Corporate Guarantee towards Financial Standing
	Proforma - 11	:	Format for Authorization letter For attending Tender Opening
	Proforma – 12	:	Format for Exception / Deviation
	Proforma – 13	:	Format for Undertaking For Local Content
	Proforma – 14	:	Format for Power of Attorney / Authorization letter (Regarding authority for submission of bid)
	Proforma – 15	:	Format for Bidders financial standing
	Proforma – 16 A Proforma – 16 B	:	Format for declaration that bidder is not under holiday list/delisted/blacklisted/debarred Format for declaration of NCLT / NCLAT /DRT / DRAT/ Court Receivership/ Liquidation
	Proforma – 17	:	Format for Inspection Certificate to be issued by Independent Inspection Agencies against

			Document Verification Clause
	Proforma - 18	:	Format for Bank Guarantee linked with Advance Payment
	Proforma -19	:	Format for Insurance surety bond for Bid security and Performance security
	Proforma -20	:	Format for Sustainable Development (SD) and Environment, Social & Governance (ESG) Policy

3.0 OIL looks forward to your active participation in the Tender.

Thanking You
Yours Faithfully,
OIL INDIA LIMITED

(Tuhin Roy)
DGM - Materials (FP-07)
For GM-Materials (HoD)
For Resident Chief Executive

PART – A

Annexure - A	**:**	**AA: Item Details and Quantities of Item** **BB: Pre-Bid Conference**
Annexure - B	**:**	**AA: Technical Specifications** **BB: Special Notes to Bidders** **CC: General Notes to Bidders**
Annexure - C	**:**	**Bid Evaluation Criteria**
Annexure - D	**:**	**Technical & Commercial Check List**
Annexure - E	**:**	**Price Bid Format/Price Schedule – For Foreign & Domestic Bidders *(Attached in 'Notes & Attachments')***

ANNEXURE – A

AA: ITEM DETAILS & QUANTITY OF ITEMS

SL NO.	ITEM DESCRIPTION	QUANTITY
10	Multi Purpose Pumping Unit (MPPU)	1 No.
20	Installation, Commissioning and Training	1 AU

BB: PRE-BID CONFERENCE:

a) Pre-Bid Conference is scheduled to be held at **OIL INDIA LIMITED, DULIAJAN, ASSAM 786602** tentatively on **10.11.2025 & 11.11.2025** to explain the requirements of OIL in details to the interested prospective Bidders and to understand bidders' perspective including exchange of views/clarifications, if any, on the Scope of Work, Bid Rejection/Bid Evaluation Criteria and other terms & conditions of the Tender.

Bidders interested to attend the pre-bid conference as above must send their confirmation to: Mr. Tuhin Roy, Deputy General Manager Materials (FD), Oil India Limited, P.O. Duliajan–786602, ASSAM, E-mail: tuhin_roy@oilindia.in at least 2 (Two) days prior to the date of pre-bid conference.

Those bidders who send their confirmation for participation at least 2 (Two) days prior to date of pre-bid conference shall be allowed to attend the pre-bid conference.

b) The prospective bidders shall submit their queries against tender conditions, through e-mail at least 2 (Two) days prior to the date of pre-bid conference. OIL expects that the Bidders should comply to the tender conditions in Toto. However, clarifications/exceptions /deviations, if required any, should be brought out by the bidders prior to or during the Pre-Bid Conference only. After processing these suggestions, as a sequel to the pre-bid conference, Company shall communicate the changes/modifications in this regard, if agreed any, through an addendum to tender document in e-portal and thereafter Company shall be at liberty to reject all such non-compliant Bids.

c) Maximum Two (2) representatives from each prospective bidder (authorized to participate in the tender), shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by Bidders representatives shall be borne by the interested Bidders.

d) Details :

Pre Bid Queries/ Clarifications on the Tender	To submit through e-mail to tuhin_roy@oilindia.in.
Date of Pre-bid Conference	**10-11-2025 & 11-11-2025**
Venue	**OIL INDIA LIMITED, DULIAJAN, ASSAM 786602**
Last date for receipt of Pre-bid participation confirmation	08-11-2025
Time of Pre-bid Conference	09.00 Hours (IST)

ANNEXURE – B

AA: TECHNICAL SPECIFICATIONS:

Details Technical Specifications as per Annexure-AAA enclosed.

BB: Special Notes to Bidders

As per Annexure-AAA enclosed.

CC: General Notes to Bidders:

1. PAYMENT TERMS: 80% of cost of materials will be paid against supply through Letter of Credit (LC) for Foreign bidders and balance 20% of cost of materials after satisfactory installation & commissioning at site along with the installation & commissioning charges through Sight Draft after adjustment of liquidated damages, if any. Bidders must confirm acceptance of the payment term while quoting. Payment towards pre-despatch inspection and training will be released through Sight Draft after successful completion of pre-despatch inspection & training and against submission of invoice.

   For Domestic bidders, 80% of cost of materials will be paid after receipt of items at site against submission of despatch documents to OIL and balance 20% of cost of materials after satisfactory installation & commissioning at site along with the installation & commissioning charges after adjustment of liquidated damages, if any. Bidders must confirm acceptance of the payment term while quoting. Payment towards pre-despatch inspection and training will be released after successful completion of pre-despatch inspection & training and against submission of invoice

   Note:

   i) Request for payment/part payment to third party (i.e., other than the party on whom the order has been placed) will not be entertained by OIL under any circumstances. The offers stipulating payment/part payment to such third party will be considered as non-responsive and such offers will be rejected.

   ii) Any other payment term other than above shall be considered as Advance Payment for which bidder(s) must refer to Clause no. 33.1 of part: CC of Annexure-A.

2. Advance Payment:

   A) Request for advance payment shall not be normally considered. However, depending on merit and at the sole discretion of OIL, advance payment may be agreed at an interest rate of 1% above the prevailing Bank rate (CC rate) of State Bank of India compounding on quarterly basis from the date of payment of the advance till recovery/refund.

   B) Advance payment if agreed to by OIL shall be paid only against submission of an acceptable Bank Guarantee [PROFORMA-A7] whose value should be equivalent to the amount of advance plus the amount of interest estimated by OIL on the basis of contractual delivery period without further reference.

C) Bank Guarantee shall be valid for 3 (three) months beyond the delivery period incorporated in the order and same shall be invoked in the event of Seller's failure to execute the order within the stipulated delivery period.

D) In the event of any extension to the delivery date, seller shall enhance the value of the bank guarantee to cover the interest for the extended period and also shall extend the validity of bank guarantee accordingly.

E) Advance paid, if any along with the interest amount (as mentioned above) shall be recovered from supplier's first bill/invoice.

F) In no case, total value of advance payment shall exceed 10% of the purchase order value towards supply.

G) Advance payment if agreed to by OIL shall be paid after approval of drawings by OIL.

3. Domestic bidders are to quote and accept their payment in INR only; Indian agents of foreign suppliers are to receive their agency commission in INR; costs of imported goods, which are directly imported against the contract, may be quoted in foreign currency (currencies) and paid accordingly in that currency; and the portion of the allied work and services, which are to be undertaken in India (like installation and commissioning of equipment) are to be quoted and paid in INR.

4. Any statutory variation (increase/decrease) in the rate of Excise duty/Sales tax/ GST / Customs Duty or any statutory levy and Exchange rate after the closing date of tenders/revised priced bid, as the case may be, but within the contractual delivery/completion period will be to the account of OIL subject to documentary evidence. However, any increase in Excise duty/Sales tax/ GST / Customs Duty or any statutory levy and Exchange rate after the expiry of the scheduled date of delivery shall be to the supplier's account. Any decrease in Excise duty/Sales tax/ GST / Customs Duty or any statutory levy and Exchange rate shall be passed on to OIL.

5. The item shall be brand new, unused and of prime quality. Bidder shall warrant (in the event of order) that the product supplied will be free from all defects & faults in the material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 12 (twelve) months from the date of successful field commissioning of the entire equipment. The defective materials, if any rejected by OIL shall be replaced by the supplier at their own expense. Bidder must confirm the same in the quotation.

6. The Bidder should indicate the dimensions and weight of the offered items, the name of the manufacturer, the country of origin, Local / Import content and place of dispatch of the materials.

7. In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export Benefit Scheme (as per Govt. Policy in vogue), where import content is declared by the bidder for availing Custom Duty benefit on the import content. The PAC will be issued in the name of the indigenous bidder including the name of the sub-vendors as declared in their offer or as per the format issued by competent authority at time of placement of order.

8. In case the bidder has satisfactorily executed development order (i.e. including satisfactory inspection and Field Trial Testing) for each of similar tendered item of same or higher capacity in the past in OIL/ONGCL, then the bidder does not have to satisfy past supply experience criteria of BEC /BRC in OIL provided the specification of items matches to that of OIL.

9. Delivery: Materials must be delivered within delivery date mentioned in the tender.

10. For payment through LC, Supplier shall submit following documents within 30 days of receipt of PO. Letter of credit (LC) shall be opened within 30 days of receipt of following documents:

- Receipt and subsequent verification of Performance Security to be submitted to Materials Deptt, Duliajan.

- Receipt of current year TRC, PE, Form 10F, bank details, Payment Favouring, HSN Code. to be submitted to Shipping office, Kolkata.

11. Sustainable Development (SD) and Environment, Social & Governance (ESG) Policy -

Consequent to the implementation of Sustainable Development (SD) and Environment, Social & Governance (ESG) Policy in OIL, effective from 28.08.2024. For purchase orders value INR 20 Crores and above the successful bidder shall be required to submit a duly filled ESG Questionnaire in the prescribed format within fifteen (15) calendar days from the date of issue of purchase order. Failure to submit the completed ESG Questionnaire within the stipulated timeline may be treated as non-compliance with contractual obligations and dealt with accordingly.

The ESG Questionnaire, along with an Explanatory Note for guidance, is provided as Proforma - 20 of the tender document.

12. Liquidated Damages (LD):

i) LD shall be applicable @ 0.5% per week or on part thereof of the value of the goods in respect of which default in delivery/completion time takes place subject to a maximum of 7.5 % of the total supply order value of the delayed goods.

ii) In case of package items (ordered as a complete system including site works, if any), LD shall be applicable on the entire order value of that package and not on the value of the undelivered portions (even though a billing breakup has been approved).

iii) In case of purchase of bulk items where tolerance limit is specified (e.g. pipes, cables etc.), LD shall be applicable on the actual quantity supplied, within the tolerance limit, instead of Purchase Order quantity.

iv) In case of orders where installation and commissioning is involved, LD shall be applicable on delivery as well as Installation and Commissioning.

v) Both Seller and Purchaser agree that the above percentages of LD are genuine pre estimates of the loss/damage which the Purchaser would have suffered on account of delay/breach on the part of the Seller and the said amount will be payable on demand without there being any proof of the actual loss or

damage caused by such breach/delay. Decision of the Purchaser in the matter of applicability of price reduction shall be final and binding.

13. GST- The items covered in this Tender shall be used by Oil India Limited in the Petroleum Exploration License (PEL) and Mining Lease (ML) areas and hence GST @18% will be applicable as per Govt. Policy in vogue.

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ANNEXURE - C

BID EVALUATION CRITERIA (BEC)

The bids shall conform to the specifications and terms & conditions given in the Tender. Bids shall be rejected in case the items offered do not conform to the required parameters stipulated in the technical specifications and to the relevant international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms & conditions, the following requirements must be particularly met by the bidders, without which the offer shall be considered as non-responsive and rejected:

EVALUATION MATRIX FOR BEC-TECHNICAL (TO BE DULY FILLED IN BY BIDDER AND SIGNED)			
Clause Number	**DESCRIPTION**	**BIDDER'S RESPONSE (TO BE FILLED BY THE BIDDER)**	
		(Confirmed/Confirmed/Complied / Not Complied / Deviation / Not Applicable)	**Relevant Location of their Bid to support the remarks / compliance** (Reference of Document name / Serial number / Page number of bid for documentary evidence)
(A.1)	**BEC-TECHNICAL:**		
1.0	**BIDDER'S QUALIFICATION:**		
1.1	The bidder shall be an Original Equipment Manufacturer (OEM) i.e., Designer & Manufacturer of Multi-Purpose Pumping Unit (MPPU) and shall be in the business for at least seven (07) years preceding original bid closing date (BCD) of this tender. Note: a. Documentary evidence in this regard must be submitted as per Para 2.3. along with the bid. b. The date of Purchase Order submitted should be prior to seven (07) years preceding original bid closing date (BCD) of this tender.		
	OR		
1.2	The bidder shall be a Sole Selling Agent/Dealer/Distributor/Supply House of an Original Equipment Manufacturer (OEM) of Multi-Purpose Pumping Unit (MPPU) and the proposed OEM should meet the qualification as per Clause 1.1.		

	Note: a) A valid Authorization Letter with back-up warranty from the OEM, confirming the bidder's status as their authorized Sole Selling Agent/Dealer/Distributor/Supply House (as the case may be), should be submitted with the bid. The Authorization letter must be duly sealed & signed by the OEM on their official letter head. b) The authorization certificate / letter shall be valid for the entire period of execution of the order. The Bidder shall categorically confirm in their technical bid that there will be no change of the proposed OEM after submission of the bid.		
1.3	The bidder/OEM must submit an undertaking along with the Technical Bid that their offered equipment is not going to become obsolete during the next ten (10) years from the date of successful Commissioning of the Unit. The bidder/OEM must also guarantee uninterrupted supply of spares and availability of services for at least ten (10) years with effect from the successful Commissioning of the equipment.		
2.0	**BIDDER'S EXPERIENCE:**		
2.1	**In case the Bidder is an Original Equipment Manufacturer (OEM):**		
2.1.1	The bidder shall have the experience of successfully executed order for design, manufacture, supply, and commissioning of one (01) number of Tendered item or similar item, in last seven (07) years reckon from the original bid closing date of this tender to any E&P company or service provider to an E&P company, either by themselves or through their Sole Selling Agent/ Dealer/ Distributor/ Supply House. Documentary evidence in this regard must be submitted as per Para 2.3. along with the bid. **Similar item: Fluid Pumping Unit with inbuilt Tank having provision of blender**		
2.2	**In case the Bidder is a Sole Selling Agent/Dealer/Distributor/Supply House of an Original Equipment Manufacturer (OEM):**		
2.2.1	The bidder shall have the experience of successfully executed order for supply and commissioning of one (01) number of Tendered item or similar item, in last seven (07) years reckon from the original bid closing date of this tender to any E&P company or service provider to an E&P company, as a Sole Selling Agent/ Dealer/ Distributor/ Supply House of an OEM. Documentary evidence in this regard must be submitted as per Para 2.3. along with the bid. **Similar item: Fluid Pumping Unit with inbuilt Tank having provision of blender**		

2.2.2	Their Original Equipment Manufacturer (OEM) must meet the experience criteria set out in para 2.1 above and documentary evidence in this regard must be submitted along with the Technical Bid as per para 2.3.		
2.3	**NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA**		
2.3.1	The following documents shall be submitted by the bidder in support of the above clause 2.1 & 2.2, as applicable along with the technical bid, failing which the Bid shall be treated as incomplete and rejected: i. Copy of Purchase order(s)/contract(s) awarded by Client(s) ii. Copy of Commercial Invoice/Payment Certificate iii. Copy of Bill of Lading Copy of Commissioning Report or any other document from the client which confirms successful execution of the order.		
2.3.2	The date of purchase order(s)/contract(s) need not be within seven (07) years preceding the original bid closing date of the Tender, but execution/ supply of required quantity must be within seven (07) years preceding the original bid closing date of this tender.		
2.3.3	The service provider to an E&P company shall mean company who has bought the tender item and has provided service to an E&P company utilising the tender item.		
2.3.4	In case experience credentials is submitted for past supply to a service provider, the submitted documents (as per para 2.3.1) should clearly indicate name of the E&P Company for which the tender item has been utilized. On the contrary, a declaration from the service provider (on their official letter head with signature & stamp) is required to be submitted stating the name of the E&P Company for which the tender item has been utilized for providing service.		
2.3.5	In case of any extension to the scheduled Bid Closing date of the tender, the Original scheduled Bid Closing Date shall be considered for evaluation of Bids.		
2.3.6	Against all supporting documents submitted by the bidder along with the technical bid, originals must be kept ready and to be produced for verification of OIL, if called for.		

(A.2) BEC - FINANCIAL:

1.0 The bidder shall have an annual financial turnover from Operations of minimum **INR 8.72 Crores or USD 991,000.00** during any of the preceding 3 (Three) financial/accounting years reckoned from the original bid closing date of the tender.

{Annual Financial Turnover of the bidder from operations shall mean -''Aggregate value of the realization of amount made from the sale, supply or distribution of goods or on account of services rendered, or both, by the company (bidder) during a financial year" as per the Companies Act, 2013 Section 2 (91). }

2.0 "Net Worth" of the bidder must be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender.

{ Net worth shall mean: "Share capital + Reserves created out of profits and securities Premium - Aggregate value of accumulated losses (excluding revaluation reserves) - deferred expenditure - Miscellaneous Expenditure to the extent not written off and carried forward Loss - Reserves created out of write back of depreciation and amalgamation".}

3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial/accounting years excluding the preceding financial/accounting year will be considered. In such cases, the Net worth of the previous financial/accounting year excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an affidavit/ undertaking **(PROFORMA - 8)** certifying that 'the balance sheet/Financial Statements for the financial year (as applicable) has actually not been audited so far'.

Note:

a) For proof of Annual Turnover & Net worth any one of the following documents must be submitted along with the technical bid:-

(i) A certificate issued by a practicing Chartered/ Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual Turnover & Net worth as per format prescribed in (PROFORMA –9).

OR

(ii) Financial Statements (Audited Balance Sheet & Profit & Loss account **along with all the schedules/notes forming part of the Balance sheet & Profit and Loss Account**) audited by the auditors appointed under the statute like Companies Act etc. wherever applicable. In cases where the bidding/ supporting company (as applicable) are not required to prepare Audited Financial Statements as per the Law of the Land of the country of the bidding/supporting company as applicable, the bidder shall provide documentary evidence for the same along with a certificate from a practicing Chartered Accountant or equivalent to this effect. The bidder must also submit the financial statement as per the accounting standards of the country of the bidding/supporting company as the case may be, duly certified by the practicing-chartered accountant or equivalent.

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/ State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US$, the bidder shall have to convert the figures in equivalent INR or US$ considering the prevailing

conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US$.

5.0 In case the Bidder is subsidiary company (should be a wholly owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ultimate parent/holding company, then following documents need to be submitted:

(i) Turnover of the parent/ultimate parent/holding company (supporting company) should be in line with Para A.2 (1.0) above.

(ii) Net Worth of the parent/ultimate parent/holding company (supporting company) should be positive in line with Para A.2 (2.0) above

(iii) Corporate Guarantee (PROFORMA - 10) on parent/ultimate parent/holding company's (supporting company) letter head signed by an authorized official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them.

(iv) A certificate from the Statutory Auditor of the bidding company to establish the relationship and equity percentage holding between bidding company and the supporting company. The certificate should be duly concurred/endorsed by the Company Secretary or one of the Directors of the company concerned.

The above certificate should not be more than 30 days old as on the original bid closing date.

(A.3) BEC – COMMERCIAL:

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/E-01/2005) with following Special Bid Rejection Criteria.

1.0 Bids are invited online under **SINGLE STAGE TWO BID SYSTEM**. Bidders must prepare the Techno-Commercial Bid (Unpriced) as well as the Priced Bid separately and upload both these bids in OIL's e-procurement portal at the designated fields separately assigned. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid**. The "Unpriced Bid" shall contain all techno-commercial details except the prices/costs. The rate and amount columns in the unpriced technical bid must be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions. Bidder not complying with above submission procedure will be rejected.

2.0 The prices/rates offered against the tender must remain firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price condition shall be treated as non-responsive and rejected. No discount whatsoever should be quoted separately. Rates/prices quoted must be net of all discount.

3.0 Bids received in physical form against online invitation shall be rejected (except the documents specifically called for in hard copies, if any). Also, modifications to bids received after the bid closing date & time shall not be entertained.

4.0 Bids containing incorrect/false/misleading statement(s) shall be rejected.

5.0 Validity of the bid shall be **minimum 120 days** from the date of actual Bid Closing Date. Bids with lesser validity shall be straightway rejected.

6.0 Bid Security in ORIGINAL amounting to INR 35.00 Lakhs or USD 40,000.00 valid upto 30.06.2026 shall be submitted by the Bidder as a part of their Technical Bid. The amount of Bid Security & its validity shall be specified in the covering letter of this bid document. **Any bid not accompanied by a proper bid security in ORIGINAL shall be rejected without any further consideration**. A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

6.1 For exemption for submission of Bid Security please refer Clause No. 9.8 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).

7.0 Successful bidder will be required to furnish a Performance Bank Guarantee **@ 5 %** of the order value after receipt of PO. The Performance Security specified above must be valid for 3(three) months beyond the Warranty period indicated in the Purchase Order/contract agreement *[Please refer "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to "General Terms & Conditions" for e-Procurement)]*. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

8.0 Online Bid must be uploaded together with the Integrity Pact and the same must be duly signed digitally. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

9.0 Bidders are to quote for all the items in full quantity as indicated in the NIT.

10.0 Bidders shall accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:

i) Liquidated Damages
ii) Warranty/Guarantee of material
iii) Arbitration / Resolution of Dispute
iv) Force Majeure
v) Applicable Laws.

11.0 A bid shall be rejected straightway if it does not conform to any one of the following clauses:

a) Validity of bid shorter than the validity indicated in the Tender.
b) Incase the party refuses to sign Integrity Pact.
c) Original Bid Security not received within the stipulated date & time mentioned in the Tender.

d) Bid Security with (i) validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

12.0 PRICE SCHEDULE:

Bidder shall submit the Price Break up as per Price Bid Format (ANNEXURE - E). Bidders should fill up the annexure(s), sign and upload under "Notes & Attachments" > "Attachments" only.

13.0 The bidder shall submit an undertaking/declaration as per Proforma 16A confirming that they have read and understood OIL's Banning Policy and that, neither they nor any of their allied concerns or partners or associates or directors, or proprietors involved in any capacity, are currently on OIL's Holiday/Banning List. Further, the bidder shall confirm that neither they nor any of their aforementioned entities have, during the last three years, been involved in any transgression with any company conforming to the Transparency International (TI) approach or with any Public Sector Enterprise of India that could justify exclusion from the tender process. The bidder shall also disclose details of all such allied entities, if any, as required under the Banning Policy.

14.0 Document Verification by independent third party inspection agencies (Applicable for tenders above INR 5.0 Crores only):

Oil India Limited (OIL) has engaged 17 (Seventeen) Independent Inspection Agencies to verify and certify various documents submitted by the bidders required against BEC/BRC of the tender (Details already provided in Part B of Tender, Clause 47.0)

14.1 Bidders are required to have their documents, as mandated under the Bid Evaluation Criteria (BEC) / Bid Rejection Criteria (BRC) of the tender, verified and certified by any one of the empanelled Independent Third-Party Inspection Agencies listed above. The Inspection Certificate, duly issued by the selected agency, must be submitted along with the Technical Bid. All costs related to verification and certification by the Third-Party Inspection Agencies shall be borne solely by the respective bidders. Payments in this regard shall be made directly by the bidders to the Inspection Agencies. OIL shall not be held responsible for any payment-related dispute between the bidders and the inspection agencies.

14.2 The verified and certified documents must be submitted along with the Technical Bid. Any bid submitted with un-verified supporting documents shall not be considered. However, in case a bidder submits its bid along with all relevant supporting documents as per BEC/BRC without getting all/some of them verified by the designated Independent Inspection agency, such bid can be provisionally considered, provided it is accompanied by an Undertaking by the Bidder on their official letterhead towards submission of the duly verified and certified copies/ Inspection Certificate within 07 (Seven) days from the actual date of bid opening to be sent to address **Office of GM-MATERIALS, Materials**

Department, Oil India Limited, Duliajan -786602, Assam, India and copy of the verified documents to email id : tuhin_roy@oilindia.in. No reminders or clarifications will be issued by the Company in this regard, and failure to submit the verified/ certified documents within the stipulated time shall result in outright rejection of the bid, at the sole risk and responsibility of the bidder. If a bidder does not submit the undertaking towards submission of third party certification within 7 days from date of Bid Closing date, but certified document reaches us within the cut-off date of above seven (7) days, then such bids shall be considered.

14.3 An Undertaking from Independent Inspection Agencies for Document Verification as per (Proforma – 17) should be submitted alongwith the Technical bid.

DD: PRICE EVALUATION CRITERIA:

1.0 Items will be evaluated totalwise. Bidders must submit prices as indicated in the Price Bid Format (Annexure E). In case, any charges (except basic material value) are not indicated item wise specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder. Hence, bidders are requested to quote accordingly.

2.0 The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:

(i) Price Bid Format (SUMMARY) for Foreign Bidders:

(1) Basic Material Value including cost of all accessories (to indicate HSN code):
(2) Pre-despatch Inspection Charges, if any
(3) Packing & FOB charges
(4) FOB Value (1+2+3)
(5) Ocean Freight Charges upto Kolkata, India
(6) Insurance, @0.5% of Total FOB Value (4)
(7) Banking Charges @1 % of Total FOB Value (4) above in case of payment through Letter of Credit. If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value(4) will be loaded)
(8) CIF Landed Value (4+5+6+7)
(9) Basic Custom Duty (including cess, if any) on (8)
(10) CIF Landed Value + CD (8+9)
(11) IGST (including cess, if any) on (10)
(12) Compensatory Cess on (11), if any:
(13) CIF+CD+GST Landed Value, (10+11+12)
(14) Training Charges, if any:
(15) GST on Training Charges (14):
(16) Installation & Commissioning Charges, if any:
(17) GST on Installation & Commissioning Charges (16):
(18) Grand Total Value (13+14+15+16+17)

(ii) <u>Price Bid Format (SUMMARY) for Indigenous Bidders:</u>

(1) Basic Material Value including cost of all accessories (to indicate HSN code)
(2) Pre-despatch Inspection Charges, if any inclusive of GST
(3) Packing & Forwarding charges, if any
(4) Total Ex-Works Value (1+2+3)
(5) GST on Ex-Works Value (4)
(6) Compensatory Cess, if any
(7) Total FOR Despatching Station Value (4+5+6)
(8) Inland Freight Charges upto Duliajan, Assam
(9) GST on Inland Freight (8)
(10) Transit Insurance Charges, if any including GST
(11) Training Charges, if any
(12) GST on Training Charges (11)
(13) Installation & Commissioning Charges, if any
(14) GST on Installation & Commissioning Charges (13)
(15) **Grand Total Value** (7+8+9+10+11+12+13+14)

3.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections/adjustments given herein.

(I) **When only foreign bidders are involved:**
Comparison will be done on Total value vide SI. no 18.

(II) **When both foreign & Domestic bidders are involved:**
Comparison will be done on total value vide SI no 18 of foreign bidder and total value vide SI. no 15(excluding SI no 8, 9, 10) of domestic bidder.

(III) **When only domestic bidders are involved:**
Comparison will be done on Total value vide SI no 15 of Domestic bidder.

<u>Note</u>:

(a) Domestic bidders must quote inland freight charges upto Duliajan. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

4.0 Customs Duty:

The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99. In terms of Sl. No. 404 of the Customs Notification No.50/2017- Cus dated 30.06.2017 (including amendments thereof), imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty subject to conditions specified therein.

Similarly, the domestic supply of such goods would attract GST @ 18% as per Gazette Notification No. No. 3/2017- Central Tax (Rate) dated 28.06.2017 (and as amended from time to time).

Bidders shall take note of the prevailing customs notifications including the latest amendment vide gazette Notification No. 30/2024-Customs dated 23.07.2024 while

quoting their prices. Bidder should consider concessional Customs Duty only for those items appearing in List-33 therein. Items of their import other than those appearing in List-33 of the said gazette notification shall be considered as duty payable on merit basis in their respective bid. OIL shall issue the requisite undertaking/certificate on request from Contractor for availing concessional rate of customs duty only against the items explicitly covered under List-33 of Customs Notification No. 30/2024-Customs dated 23.07.2024 or against any other item(s) subsequently declared by the competent authority during the tenure of the contract to be duty exempted/concessional. However, in the event of refusal/denial by Customs Authority to accord exemption/ concession of Customs Duty against import of items which are explicitly covered under List-33 of Notification No. 30/2024-Customs dated 23.07.2024, such applicable customs duty shall be reimbursed at actual by OIL to the Contractor on submission of documentary evidence.

Similarly, the items other than those appearing in List-33 of the said gazette notification, if to be imported by the Contractor for the purpose of execution of contract against this tender, the same shall be considered as duty payable on merit basis and the applicable customs duty thereof must be included by the bidder in their respective bid value. OIL will not issue any Undertaking/Certificate towards customs duty concession/exemption for those items (not included in List-33 of Notification) and the duty payable on merit shall be borne by the Contractor. However, any other item if subsequently notified by the competent authority to be Duty free/concessional during the tenure of the contract, OIL will issue requisite Certificate/Undertaking for Contractor to avail the Customs Duty benefit and the duty benefit must be passed on to OIL. Additionally, for all those items against which the bidder considers the Customs Duty on merit, the list specifying the Customs Duty Rate (percentage) may be furnished, so that subsequent increase/decrease in Customs Duty, if any shall be reimbursed/recovered by OIL as the case may be on documentary evidence.

Bidders should submit the list of items which are to be imported for execution of the contract against this tender prudently along with their bid. Undertaking/Certificate for availing concessional rate of Customs Duty shall be issued by OIL only for the eligible items, provide the same are included in the Proforma-A submitted by the bidder.

Notes:

a. The above stipulations shall prevail over other clauses if stipulated otherwise elsewhere in the original tender document/previous amendments. However, the aforementioned notifications are subject to change as per Government guidelines and the provisions ruling at the time of Bid Closing will be applicable.

5.0 Purchase Preference Clause:

Purchase Preference to Micro and Small Enterprises (MSE) falling within the price band of L1+15% and Purchase Preference Policy Linked with Local Content (PP-LC) falling within the price band of L1+20% shall be applicable to this tender.

5.1 Purchase Preference to MSE Bidders:

Purchase Preference to Micro and Small Enterprises is applicable to this tender. Bidders seeking benefits, under Purchase Preference Policy (MSE) shall have to be registered for that item under the NIC group code under Udyam Registration or UAM.

(i) In case participating MSE Quote price within price band of L1+15%, such MSE shall be considered for award of contract by bringing down their price to L1 price in a situation where L1 price is from someone other than an MSE.

(ii) In case of more than one such MSE qualifying for 15% purchase preference, the contract shall be awarded to lowest eligible MSE amongst the MSEs qualifying for 15% purchase preference.

Documentation required to be submitted by MSEs: Categorization and various criteria applicable to MSE bidders shall be guided by the Gazette Notification No. **CG-DL-E-26062020-220191** dated **26.06.2020** and Amendment vide Gazette Notification no. CG-**DL-E-16062021-227649 dated 16.06.2021** and **No. CG-DL-E-19012022-232763 dated 19.01.2022** and **CG-DL-E-06052022-235600 dated 06.05.2022** issued by MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES, and any amendment thereof.

The bidder claiming the MSE status (MSE-General, MSE-SC/ST, MSE-Woman) against this tender has to submit Udyam Registration Number with Udyam Registration Certificate along with the technical bid for availing the benefits applicable to MSEs.

Note: In case bidding MSE is owned by Schedule Caste or Schedule Tribe or Woman entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST/Woman entrepreneur should also be enclosed.

5.2 Purchase Preference Policy (PPP-MII):

Purchase preference under Public Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India and as amended time to time with modifications as notified vide **MoPNG Order No. FP-20013/2/2017-FP-PNG-Part (4) (E-41432) dated 26th April 2022** (including subsequent amendments thereof, if any) shall be applicable for this Tender. Bidders are advised to check the provisions of the said notifications for their eligibility to bid and seek benefits for Purchase preference, accordingly. The margin of purchase preference shall be 20%.

5.3 Concurrent Application of Purchase Preference Policies:

The quantities under this tender are splitable in the ratio of 3:2:2 as mentioned above and Public Procurement Policy for MSE Order 2012 and PP(MII) Order 2017 as per Order No. F.1/4/2021-PPD dated 18.05.2023 issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Govt. of India and any subsequent amendment thereto shall be applicable. Bidders are advised to refer to the said Order for further detail. In case of concurrence application of Purchase Preference Policies, the preference order shall be as mentioned below:

Preference Order	**Category of Bidder**
1st Preference	MSE Class-I Local Supplier
2nd Preference	MSE but Non- Class-I Local Supplier
3rd Preference	Non-MSE but Class-I Local Supplier
4th Preference	Non-MSE Non- Class-I Local Supplier

Note: Further if multiple bidders are falling under a 'category of bidder', the purchase preference for price matching shall be given to MSEs falling within the price band of L1+15%. Purchase preference shall be given in the following order of preference:

1. SC/ST Women-owned MSEs
2. SC/ST owned MSEs
3. Women-owned MSEs
4. Other MSEs

All other guidelines issued in respect of benefits to MSEs shall prevail. Bidder claiming above relaxation/ exemption need to submit necessary documentary proof of their eligibility along with their techno-commercial bid. The certificate must be valid on the bid closing date.

6.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

7.0 While evaluating the bids, the closing rate (B.C. Selling Rate) of exchange declared by State Bank of India on the day prior to price bid opening will be taken into account for conversion of foreign currency into Indian Rupees.

8.0 Submission of Forged Documents:

Bidders should note that Company (OIL) may verify authenticity of all the documents /certificates / information submitted by the bidder(s) against the tender. In case at any stage of tendering process or Contract execution etc., if it is established that bidder has submitted forged documents / certificates / information towards fulfilment of any of the tender / contract conditions, Company shall immediately reject the bid of such bidder(s) or cancel / terminate the contract besides taking action as per OIL's Banning Policy dated 6th January 2017, available in the OIL's website. Accordingly, service provider/vendor to submit the Undertaking of authenticity of information/documents.

9.0 Land Border Sharing:

Bidders should submit an Undertaking that, their bid is compliant to Order No. F.No. 6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance, Department of Expenditure, Public Procurement Division, Govt. of India (including subsequent amendments thereto, if any), regarding restrictions on procurement from a bidder of a country which shares land border with India.

10.0 <u>Compliance of The Competition Act, 2002:</u> The bidder shall strictly comply with the provisions of the Competition Act, 2002, more particularly, Section-3 of the Act. Any violation of the provisions of the Act shall attract penal action under the Act.

11.0 Other terms and conditions of the enquiry shall be as per General Terms and Conditions for Global Tender. However, if any of the Clauses of the Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in this BEC shall prevail.

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Proforma – 17

PROFORMA FOR UNDERTAKING FROM THIRD PARTY DOCUMENT VERIFICATION INSPECTION AGENCY
(To be submitted on official letter head)

TO,

GM- MATERIALS
MATERIALS DEPARTMENT
P.O. DULIAJAN, PIN-786602
DIST. DIBRUGARH, ASSAM, INDIA

Sir,

SUB : OIL's tender No. ……

M/s_____having registered office at _____intend to participate in the above referred tender of OIL INDIA LIMITED.

The tender conditions stipulated that the bidder shall submit documents pertaining to Bid Evaluation Criteria / Bid Rejection Criteria (BEC / BRC), duly verified and certified by designated independent Third Party Document Verification Inspection Agency.

In this regard , we hereby certify that copies of documents pertaining to Bid Evaluation Criteria / Bid Rejection Criteria (BEC / BRC), submitted to us by the bidder. M/s _____have been verified and certified by us with originals and found to be genuine and authentic. We have signed and stamped on the copies of all the verified and certified documents having_____nos. pages.

Note: In the event of any requirement, OIL reserves the right to ask the inspection agencies to verify the documents with source, if required at no extra cost to OIL.

Thanking you,

Authorised Person's Signature:_____

Name:_____

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ANNEXURE - D

TECHNICAL CHECKLIST

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COMMERCIAL CHECK LIST

A. The Commercial Check List must be completed and returned with your offer. Please ensure that all these points are covered in your offer. These will ensure that your offer is properly evaluated. Please select "yes" or "no" to the following questions, in the right hand column.

Sl. No.	**REQUIREMENT**	**COMPLIANCE Yes/No/ Not Applicable**
1.0	Whether bid submitted under Single Stage Two Bid System?	
2.0	Whether quoted as manufacturer?	
2.1	Whether quoted as OEM Dealer/Supply House.	
2.2	If quoted as OEM Dealer/Supply House	
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer/supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
3.0	Whether Purchase Preference claimed? If so, whether under -	
	(i) PPP-MII (Whether relevant documents uploaded?)	
	(ii) MSE (Whether relevant documents uploaded?)	
	(iii) DMS&IP (Whether relevant documents uploaded?)	
4.0	Whether offered firm prices?	
4.1	Whether quoted offer **validity of 120 days from** the bid closing date of tender?	
4.2	Whether quoted a firm delivery period?	
4.3	Whether agreed to the NIT Warranty clause?	
4.4	Whether confirmed acceptance of tender Payment Terms as per Tender?	
4.5	Whether Bid security submitted as per NIT.	
5.0	Whether confirmed to submit PBG as asked for in NIT?	
5.1	Whether agreed to submit PBG within 30 days of placement of order?	
6.0	Whether Price submitted as per Price Schedule?	
6.1	Whether cost of Recommended Spares for 2 years of operations quoted (if applicable)?	
7.0	Whether quoted as per NIT (without any deviations)?	
7.0	Whether quoted any deviation?	
7.1	Whether deviation separately highlighted?	
8.0	Whether indicated the country of origin for the items quoted?	
8.1	Whether technical literature / catalogue enclosed?	
8.2	Whether weight & volume of items offered indicated?	
9.0	For Foreign Bidders - Whether offered FOB/FCA port of despatch including sea/air worthy packing & forwarding?	

9.1	For Foreign Bidders – Whether port of shipment indicated? To specify:	
9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance)?	
9.3	Whether Indian Agent applicable?	
	If YES, whether following details of Indian Agent provided?	
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	(c) Whether agency commission included in quoted material value?	
10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	
10.2	For Indian Bidders only - Whether offered Ex-works price is including packing/forwarding charges?	
10.3	For Indian Bidders only - Whether indicated import content in the offer?	
10.4	For Indian Bidders only - Whether offered Deemed Export prices?	
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	
11.0	Whether all BRC/BEC clauses accepted?	
12.0	Whether Integrity Pact with digital signature uploaded?	
12.1	Whether all the clauses in the Integrity Pact have been accepted?	
13.0	Whether indicated 'Local Content' required as per PPP-MII Policy ?	
14.0	Whether indicated the import content in Price Bid ?	
14.1	Whether submitted Undertaking towards Local Content and CA Certificate towards Local Content (as applicable) (PROFORMA – 13)	
15.0	Whether submitted Undertaking towards submission of authentic information/ documents submitted (PROFORMA – 4)	
16.0	Whether submitted Undertaking for restrictions on procurement from a bidder of a country which shares a land border with India. (Exhibit – I / III / III as applicable)	
17.0	Whether submitted Power of Attorney/ Authorization letter (Regarding authority for submission of bid) in prescribed format (PROFORMA – 14)	
18.0	Whether submitted Declaration about bidder's Financial standing i.e. the bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. (PROFORMA – 15)	
19.0	Whether submitted declaration that bidder is not under holiday list/delisted/blacklisted/debarred (PROFORMA – 16 A) Whether submitted declaration of NCLT / NCLAT /DRT /DRAT/ Court Receivership/ Liquidation (PROFORMA – 16 B)	
20.0	Whether submitted declaration for Document Verification by independent third party inspection agencies (PROFORMA – 17)	
21.0	Whether submitted declaration for Sustainable Development (SD) and Environment, Social & Governance (ESG) Policy (PROFORMA – 20)	

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B. <u>ADDITIONAL INFORMATION (To be filled up by bidder and submit along with Technical Bid)</u>:

Sl No	Requirement	Bidder's Reply
1	Offer reference & Date	
2	Name, Address, Phone No & E-mail of Bidder	
3	Bank details of Bidder	
4	Name of Manufacturer	
5	Bid validity	
6	Payment Terms	
7	Guarantee/Warranty Terms	
8	Delivery Period	
9	Country of Origin	
10	Port of Despatch/Despatching Station	
11	Confirm submission Integrity pact, if required as per NIT	
12	Confirm acceptance of PBG clause, if required as per NIT	
13	Compliance to: Liquidated Damage Warranty/Guarantee Arbitration/Resolution of Dispute Force Majeure Applicable laws	
14	Confirm submission of the balance sheet/Financial Statements for the financial year (as applicable). If not, whether declaration as per BRC submitted **(PROFORMA - 8).**	
15	Confirm submission of undertaking towards authenticity of submitted documents.	
16	Exception/Deviations quoted, if any, to be given in details or refer to respective page of the bid documents. ANNEXURE III of General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) submitted in this regard?	
17	Whether submitted all the applicable Annexures as per document General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).	

C. <u>ADDITIONAL INFORMATION ON EXPERIENCE CRITERIA CLAUSE OF BRC-TECHNICAL. (To be filled up by bidder and submit along with Technical Bid)</u>:

Sl No	Requirement	Bidder's Reply
1	Whether all documents have been submitted as required for fulfilling Experience criteria clause of BRC-Technical.	
2	Name and details of the vendor to whom the bidder has successfully executed orders / contracts for atleast 50% of the tendered quantity as per Experience criteria clause of BRC-Technical.	
3	Whether submitted the profile and other documents of the E&P company / Drilling Contractor / Drilling Service provider for verification (viz. Annual reports, Memorandum of Association, Article of Association etc.) if applicable	

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ANNEXURE - E

PRICE BID FORMAT

(Uploaded as attachment in the Attachment Tab "Notes and Attachments" in e-portal)

Item 10:TRUCK MOUNTED MULTI-PURPOSE PUMPING UNIT (MPPU), Qty-01 No.

Note to Bidder:

1. The bidder shall provide their response and mention applicable information/ Complied / Not Complied / Not Applicable/ Make & Model etc. (as applicable) against all the below-mentioned clauses.

2. The bidder shall mention details of Reference Document name / Serial number / Page number of bid for documentary evidence against the clauses (if any).

3. The bidder shall fill up this document and submit it along with their technical bid.

Technical Specifications:

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
1.0	**GENERAL:**	
	The Multi-Purpose Pumping equipment shall be mounted on Truck chassis. Offers with Multi-Purpose Pumping equipment mounted on articulated trailer shall not be acceptable. The units shall be operated in national highways, state highways, district roads, rural/village roads, slushy oil & gas well sites which may not be smooth every time. The village roads are sometimes gravel roads as normally encountered in oil & gas fields of India. The unit should be capable of operating in ambient temperature ranges of 0° C to +50° C in a 90% relative humidity. The unit with upgraded latest state of the art technology improved version will be acceptable for the basic configuration, accessories, instrumentation, control etc. without affecting the main frame of specification. The unit shall be used as MPPU and application in oil/ gas/ injection wells and pipeline for carrying out of the following well servicing jobs: 1) Fill Removal with blended Gelled Fluid using different chemicals, Well killing with Salt Solution/mud, Acid pumping, Clearing of congealed flow line and any other Well intervention jobs together with/without Coiled Tubing Unit. 2) The unit shall be equipped with mixing and blending facilities suitable for different chemicals and well servicing fluids. 3) The unit shall be capable of handling Crude oil, Plain Water, Acid, Saline Water, High Viscous Fluid, high density slurries of sand / bauxite, resin etc.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	4) All components and systems should be assembled in a manner so as to provide ease of maintenance. 5) One general layout of the pumping system is provided as annexure-II for general understanding of the bidder.	
2.0	**TRUCK / VEHICLE DETAILS:**	
2.1	**OVERALL DIMENSIONS OF EACH COMPLETE UNIT:**	
a.	**Overall Width of each complete unit:** Not more than **2600 mm.** The bidder shall mention the Overall Width of each complete unit in the technical bid.	
b.	**Overall Height of each complete unit:** Not more than **4500 mm** from ground level. The bidder shall mention the Overall Height (from ground level) of each complete unit in the technical bid.	
c.	**Overall Length of each complete unit:** Not more than **12000 mm.** The bidder shall mention the Overall Length of each complete unit in the technical bid.	
d.	**Ground Clearance:** Ground clearance shall be as per OEM of the offered Truck. For operational convenience, the add-on equipment i.e., subsequently mounted components on the original chassis should be mounted at height preferably not less than 450 mm from ground level. It shall be bidder's endeavour to mount subsequently fitted undercarriage components (i.e., other than original Truck chassis OEM mounted components) at maximum possible height to avoid hitting/fouling while moving on uneven roads. The bidder shall specifically take care that no subsequently fitted undercarriage components (i.e., other than original Truck chassis OEM mounted components) shall be permanently mounted / fitted by the equipment manufacturer at a height below than 450 mm behind the rear axle wheels up to the end of rear overhang.	
2.2	**OVERALL WEIGHT OF EACH COMPLETE UNIT & GROSS VEHICLE WEIGHT (GVW) RATING OF TRUCK:**	
a.	The Total weight (mass) of each complete unit shall be as minimum as possible.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	Total weight (mass) is the weight of the complete unit i.e., total of weight of the Truck with Driver's cabin etc., weight of all equipment, items, tools, accessories, materials, spare wheels, hydraulic oil, all oil, handling fluid with tank, Diesel etc. that are permanently mounted on the unit and are generally being carried & kept in the unit.	
b.	The bidder shall mention the Total weight (mass) of each complete unit in the technical bid.	
c.	Total weight (mass) of each complete unit must be within the Truck manufacturer's declared Gross Vehicle Weight (GVW) Rating of the offered Truck. The Truck manufacturer's declared Gross Vehicle Weight (GVW) Rating of the offered Truck shall not exceed **49000 kg.**	
d.	The bidder shall mention the Truck manufacturer's declared Gross Vehicle Weight (GVW) Rating of the offered Truck in the technical bid.	
2.3	**GENERAL ARRANGERMENT (GA) DRAWING OF COMPLETE UNIT:**	
a.	The bidder shall submit GA (General Arrangement) drawing of the offered complete unit (i.e., Truck with driver's cabin and all other items of the Multi-Purpose Pumping Unit etc.) with major dimensions of the complete unit and indicating the position of all major components & their mounting on the vehicle along with the technical bid.	
b.	Note: "Complete unit" in above means Truck with Driver's cabin etc., all equipment, items, materials, spare wheels that are permanently mounted on the unit.	
2.4	**TRUCK CHASSIS AND PLATFORM:**	
a.	Brand new Truck chassis manufactured not prior to six months from the date of issuance of Purchase Order of Oil India Limited (OIL).	
b.	The truck chassis must be of Make: Ashok Leyland/ Tata / Mahindra / Eicher / Bharat Benz / Volvo / Kenworth / International / Peterbilt. The platform where the equipment shall be mounted should be robust in design and capable of withstanding and transmitting static as well as dynamic loads uniformly to the chassis. The bidder shall take special care in selecting and designing the platform considering the unit's application in national highways, state highways, district roads, rural/village roads, slushy oil & gas well sites which may not be smooth every time. The village roads are sometimes gravel roads as normally encountered in oil & gas fields of India. The mounting of Multi-Purpose Pumping Unit equipment items on the Truck chassis shall be the responsibility of the bidder.	

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	The offer shall be with make, model, specifications, fittings, accessories etc. as mentioned in the tender.	
c.	The bidder shall clearly mention the Make & Model of the offered Truck chassis in the technical bid.	
d.	The bidder shall submit the technical leaflet / brochure of the offered Truck chassis along with the technical bid. Note: In case of common technical leaflet / brochure containing multiple models of Truck chassis, bidder shall clearly indicate / highlight the offered model of Truck chassis in the technical leaflet.	
e.	**SPARES & SERVICE (for Truck):**	
(i)	The bidder shall submit a written undertaking (along with the technical bid) that they, themselves or through other sources, would be able to supply all the requisite spares (including bought out items, if any) & consumables and provide the maintenance services for their offered Truck in OIL operational area(s) in India for a minimum period of ten (10) years from the certified date of completion of successful field commissioning of the unit.	
(ii)	The cost of such spares, consumables & maintenance services which may be utilized by Oil India Limited in future shall be extra and **SHALL NOT BE** considered by the bidder in their quoted prices in this tender.	
(iii)	Spares, consumables (except diesel fuel) & maintenance services (if any) during commissioning shall be in the scope of the successful bidder (supplier). Notwithstanding anything mentioned in this clause, the bidder shall abide the Commissioning Clause mentioned elsewhere in the tender.	
(iv)	Spares & repair services during Warranty period & warranty extension period (if any) for the item(s) under Warranty claim (if any) of the unit(s) shall be in the scope of the successful bidder (supplier). Notwithstanding anything mentioned in this clause, the bidder shall abide the Warranty Clause mentioned elsewhere in the tender.	
2.5	**TRUCK ENGINE:**	
a.	One (01) number of water-cooled / liquid-cooled diesel fuel engine of adequate power [not less than **600 HP** at rated rpm] as per Truck manufacturer suitable for road drive as well as	

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	equipment operations specified in the tender, shall be provided. Power for equipment operations specified in the tender shall be provided by Truck Engine only.	
b.	The bidder shall mention & submit the following information in the technical bid:	
(i)	Water-cooled / liquid-cooled diesel fuel Engine. (Yes/ No).	
(ii)	Make & model of the offered Engine.	
(iii)	Maximum power of the offered Engine.	
(iv)	Maximum torque of the offered Engine.	
(v)	Technical specification catalogue/ brochure with the technical details of the offered Engine.	
2.6	**TRUCK EMISSION NORMS:**	
a.	The offered Truck shall have to comply with the emission norms BS (Bharat Stage) –VI OBD Stage II / EURO-VI Stage-E. The emission norms shall comply Real Drive Emissions (RDE) and Portable Emissions Measurement System (PEMS).	
b.	The bidder shall mention the emission norms of the offered Truck in the technical bid.	
2.7	**TRANSMISSION:**	
a.	The offered Truck chassis shall be provided with automatic / automated transmission having forward gears, neutral & reverse gear(s) with suitable automatic gear shifter and without clutch pedal as supplied with chassis by the manufacturer of the offered Truck for road drive of the unit. The truck transmission can also be used for equipment operations specified in the tender. The bidder shall note that, Manual Transmission with clutch pedal is not acceptable. The offered Transmission shall be compatible with the Truck engine. Suitable Transfer Case / PTOs (Power Take Off) / drivelines as per design / requirement shall be provided.	
b.	The bidder shall mention & submit the following information in the technical bid:	
(i)	Type of offered transmission (automatic / automated transmission, with automatic gear shifter).	
(ii)	Make & model of the offered transmission.	
(iii)	Number of forward gears in the offered transmission.	
(iv)	Number of reverse gear(s) in the offered transmission.	

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(v)	Technical specification catalogue/ brochure with technical details of the offered transmission.	
(vi)	Mechanical power flow block diagram from Engine to Axles / Wheels for Road drive indicating all major components like Transmission, transfer case (if any), Drivelines, Axles, Wheels etc.	
(vii)	Mechanical power flow block diagram from Engine to PTO(s) for equipment operations specified in the tender indicating all major components like Transmission, transfer case (if any), PTOs etc.	
(viii)	Make & model of the offered transfer case (if any).	
(ix)	Technical specification catalogue/ brochure with technical details of the offered transfer case (if any).	
(x)	Make & model of the offered PTO(s).	
(xi)	Technical specification catalogue/ brochure with technical details of the offered PTO(s).	
2.8	**DRIVE (AXLE CONFIGURATION) & AXLES:**	
a.	**Drive (Axle Configuration):** The offered Truck chassis shall have following drive (Axle configuration): 8x4 drive [Total 04 Nos. of axles (including front & rear) with 02 Nos. of drive axles at Rear].	
b.	The bidder shall mention the drive of the offered Truck in the technical bid.	
c.	**Front Axle:** Two (02) numbers non powered front axles as per design and meeting tender specifications shall be provided. The front axle(s) shall be steer axle. Bidder shall ensure that the loading on each front axle shall be within the axle capacity of the respective front axle in all conditions.	
d.	The bidder shall mention & submit the following information in the technical bid for each Truck:	
(i)	Total number of front axles in the offered Truck chassis.	
(ii)	Total number of front steer axle.	
(iii)	Total axle capacity of each front axle.	
(iv)	Estimated Total loading on each front axle.	
(v)	Loading on each front axle is within the axle capacity of the respective axle. (Yes / No).	

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e.	**Rear Axle:** Two (02) numbers of powered rear drive axles as per design and meeting tender specifications shall be provided. Bidder shall ensure that the loading on the rear axles shall be within the axle capacity of the rear axles in all conditions. Rear drive axles shall have differential lock facility with alarm/indicator.	
f.	The bidder shall mention & submit the following information in the technical bid for each Truck:	
(i)	Total number of rear axles in the offered Truck chassis.	
(ii)	Total number of powered rear axles.	
(iii)	Total axle capacity for both the rear axles.	
(iv)	Estimated Total loading on both the axles.	
(v)	Total Loading on rear axles is within the axle capacity of the rear axles. (Yes / No).	
(vi)	Differential lock facility in rear drive axles with alarm /indicator (Yes/ No).	
(vii)	Technical specification catalogue/ brochure with technical details of the offered rear axles.	
2.9	**STEERING:**	
a.	The offered Truck chassis shall have Power assisted steering and shall have Right Hand steering system (i.e., steering wheel shall be on the right-hand side inside the driver's cabin when viewed from the rear of the truck chassis). Truck chassis with Left Hand steering system shall not be acceptable.	
2.10	**SUSPENSION:**	
a.	**Front Suspension:** Heavy duty multi-leaf spring suspension shall be provided. Rubber/ Air/ Hydraulic suspension will not be accepted.	
b.	**Rear Suspension:**	

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	Preferably bogie suspension with leaf springs or suitable pneumatic suspension system shall be provided in rear. Hydraulic suspension will not be acceptable.	
c.	The bidder shall mention & submit the following information in the technical bid:	
(i)	Type of offered rear suspension.	
(ii)	Make & model of offered rear suspension.	
(iii)	Technical specification catalogue/ brochure with technical details of the offered rear suspension system.	
2.11	**WHEELS & TYRES:**	
a.	The Truck chassis shall be fitted with Suitable wheels with Tube type / Tubeless type Tyre of adequate ply rating. Single wheel on each side of each front axle (i.e., 02 Nos. of wheels in each front axle & total 04 Nos. of wheels for 02 Nos. front axles) and 02 Nos. of wheels on each side of each rear axle (i.e., total 04 Nos. of wheels in each rear axle & total 08 Nos. of wheels for 02 Nos. rear axles) shall be provided as per design specifications. It shall be bidder's endeavour to offer front and rear wheels of same size & type. Suitable lifting and mounting arrangement facility for at least 01 number of spare wheel shall be provided in the Truck.	
b.	The bidder shall mention & submit the following information in the technical bid for each Truck:	
(i)	Total number of wheels in all the front axles. (Axle-wise information to be provided)	
(ii)	Type of Tyres (Tube type / Tubeless type) in the front axles.	
(iii)	Tyre size of front axle wheels.	
(iv)	Total number of wheels in all the rear axles. (Axle-wise information to be provided)	
(v)	Type of Tyres (Tube type / Tubeless type) in the rear axles.	
(vi)	Tyre size of rear axle wheels.	
(vii)	Mounting arrangement facility for spare wheel is provided in the Truck (Yes/No).	

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2.12	**BRAKE:**	
a.	Service Brake: Multiple Circuit Pneumatic brake acting on all wheels with Anti-lock Braking System (ABS) shall be provided and to be operated from Driver's Cabin.	
b.	Parking Brake: Suitable parking brake shall be provided in the Driver's Cabin to be used while parking the Truck. The parking brake shall be hand operated from Driver's Cabin. It shall automatically get engaged in the event of low/ no air pressure.	
c.	Preferably buzzer warning for low air pressure to be provided.	
2.13	**ELECTRICAL SYSTEM:**	
a.	Suitable electrical starting, charging and lighting systems etc. shall be provided in the Truck.	
b.	Suitable electrical master switch to disengage all electrical circuits from battery shall be provided in the Truck as per Truck manufacturer.	
c.	Covered Battery Box shall be provided. Battery box shall **not** be located inside the Driver's Cabin.	
2.14	**TRUCK ENGINE FUEL TANK & DIESEL EXHAUST FLUID (DEF) TANK:**	
a.	Lockable truck engine fuel tank(s) of approximately not less than **600 Liters** total capacity shall be provided in the Truck chassis. Suitable strainer at the opening of the tank shall be provided to prevent entry of foreign materials. In case, the Truck engine comes with multiple fuel tanks, all the truck engine fuel tanks shall be connected to each other.	
b.	Suitable Diesel Exhaust Fluid (DEF) tank shall be provided.	
c.	The bidder shall mention & submit the following information in the technical bid for each Truck:	
(i)	Number of fuel tank(s) in the Truck.	
(ii)	Capacity of each fuel tank in the Truck.	
2.15	**DRIVER'S CABIN:**	
a.	The Driver's cabin of the Truck shall be ergonomically designed factory built (original built, supplied with the Truck chassis by the Truck manufacturer) Air-Conditioned driver's	

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	cabin with seating capacity of minimum 02 (two) persons (including Driver). All the controls required for road drive of the unit should be clearly arranged to have easy access to the driver inside the Driver's cabin while driving the unit. The driver's seat & co-driver's seat should be comfortable and ergonomically designed with adjustable mechanism and shall have seat belts as per norms.	
b.	The Truck unit shall be fitted with dashboard inside the Driver Cabin with all standard gauges & fittings like air pressure gauges, charging system gauge, engine oil pressure gauge, engine temperature gauge, fuel gauge, Transmission oil pressure (if any) & Temperature meters (if any) etc. and any other items with warning displays, as per the Truck manufacturer.	
c.	The Truck unit dashboard shall have Speedometer indicating the speed in **Kilometers per hour** and the Odometer shall be with **Kilometers** calibration system.	
d.	The bidder shall mention & submit the following information in the technical bid:	
(i)	Seating capacity (including driver) inside the Driver's cabin.	
2.16	**OTHER FITTINGS & ACCESSORIES:** The unit shall be driven on roads in India having traffic rules for Right Hand Drive vehicles only. Accordingly, the following fittings and accessories are to be fitted / provided in each Truck for safe movement of the unit on road. All the lightings/ controls etc. as mentioned below and as required for road drive are to be operated from the Driver's cabin of the Truck.	
a.	All standard accessories, fittings, lightings, safety features etc. as per the Truck manufacturer.	
b.	Headlamps. **The photometry of the headlamps to suit "keep left" traffic.**	
c.	Stop Lamps.	
d.	Parking Lamps.	
e.	Fog Lamps.	
f.	Direction Indicator Lamps.	
g.	Hazard Warning Lamps.	

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h.	Sufficient side marker lights, top marker lights, rear & side reflectors.	
i.	Driver Cabin Lights.	
j.	02 (Two) Nos. of adjustable search lights, mounted at top behind the Driver cabin of the Truck are to be fitted in the unit(s) for illuminating the rear equipment.	
k.	Horn.	
l.	Rear-view mirrors at both sides.	
m.	Blind spot mirrors, if possible.	
n.	Windscreen Wipers.	
o.	Mudguard with mud flaps.	
p.	An audible back-up alarm is to be provided to sound when the Truck is put in reverse gear.	
q.	Well covered vertical exhaust with thermal non-conducting material / heatshield (as per the Truck manufacturer) located behind and projected above the top of the driver's cabin shall be provided. The vertical exhaust pipe shall be such that rainwater ingression shall not be possible.	
r.	Suitable heavy duty attachment (Hook type or Pin type) at front & rear, capable of pulling / towing the unit from bogged down situation in slushy areas in oilfields from front as well as rear shall be provided.	
s.	The Truck engine exhaust shall be fitted with suitable Spark Arrestor. The Spark Arrestor may be additional attachment to be fitted with the exhaust or there shall be chassis in-built internal mechanism to prevent discharge of open flame and sparks in the exhaust. The bidder shall confirm in the technical bid whether the Spark Arrestor shall be additional attachment or chassis in-built internal mechanism. In case Spark Arrestor is not needed or not recommended as per the Truck manufacturer as additional attachment, the bidder shall submit supporting document(s) from the Truck manufacturer or Truck manufacturer's dealer along with the technical bid.	

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t.	The Truck shall be fitted with Speed Limiting Device (SLD) & its accessories. The maximum road speed of the Truck with Speed Limiting Device shall preferably be **50 km/hour** without affecting the other performance parameters of the Truck in any manner. The speed limitation function shall not actuate the Truck's service braking system. The Speed Limiting Device shall be fail-safe and so designed to act on road drive only and it must not interfere the equipment operations in any way. The set speed shall be indicated on a plate in a conspicuous position in the Driver's compartment of the vehicle. Necessary certification/ documentation from appropriate authority regarding the speed limitation function or the SLD is to be accompanied along with the supply.	
u.	The Truck shall be fitted with Vehicle Tracking System (VTS) compatible for use in India. The successful bidder (supplier) may also fit the VTS (compatible for use in India) after arrival of the unit in India. Necessary certification/ documentation from appropriate authority regarding the Vehicle Tracking System (VTS) is to be accompanied along with the supply.	
v.	The Truck shall preferably have Air Bags for Driver and the Co-driver.	
w.	Wherever feasible, Side / Lateral Underrun Protective Device (SUPD)s, Front Underrun Protective Device (FUPD), Rear Underrun Protective Device (RUPD) shall be fitted in the unit. Note: 1. FUPD/ SUPD/ RUPD are structures that prevent smaller vehicles from getting underneath etc. during collision as per AIS 069, IS: 14812, IS: 14682 or similar standards. 2. The equipment manufacturer shall check the feasibility of providing the SUPDs, RUPDs during manufacturing and arrange to provide the same accordingly as per feasibility in the unit. FUPDs/ SUPDs/ RUPDs provided by the equipment manufacturer shall be of detachable type and shall not be permanently fitted / welded to the Truck chassis.	
x.	Retro reflective marking (3M make or any other make, 50 mm width) on the front, rear and both side of the Driver's cabin as per the colour code- Front: White, Rear: Red and Sides: Yellow as per AIS: 090 / applicable standard.	

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y.	01 (one) number Fire Extinguisher inside Driver's Cabin of Truck.	
z.	01 (one) number First Aid Box inside Driver's Cabin of Truck.	
aa.	Wheel Wrench & Handle. In case, the wheel nuts at front and rear are of different sizes, then separate Wheel Wrench & Handle for both front & rear shall be supplied along with each unit.	
ab.	04 (four) numbers of wheel chocks.	
ac.	02 (two) numbers minimum 30 MT capacity hydraulic jack with handle.	
ad.	02 (two) numbers of complete spare wheel assembly (even in case of identical front & rear wheels)	
ae.	01 (one) number of pressure gauge for tyre pressure measurement.	
af.	01 (one) number of Heavy-duty Grease Gun.	
ag.	Any other standard items/accessories provided by the Truck manufacturer.	
2.17	**TOOL KIT FOR GENERAL MAINTENANCE OF TRUCK:** A toolkit consisting of tools given below shall be supplied along with each unit at supplier's cost:	
a.	Set of Ring Spanners [Sizes(mm): 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32], at least 01 number of each size.	
b.	Set of Open-Ended Spanners [Sizes(mm): 6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32], at least 01 number of each size.	
c.	6 inch Long Nose Plier – 01 number.	
d.	Screwdriver (Small, Medium, Long) – 03 numbers.	
e.	8 Inch Adjustable Wrench – 01 number.	
f.	Hammer with Handle – 01 number.	
g.	Chisel – 02 numbers.	
h.	Centre Punch – 01 number.	

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i.	Drift Punch – 02 numbers.	
j.	File, Flat, Bastard Cut with Handle, 10 inch – 01 number.	
k.	File, Flat, Smooth Cut with Handle, 10 inch – 01 number.	
l.	Brass Punch – 01 number.	
m.	Oil Can – 01 number.	
n.	Allen key set (as applicable).	
o.	Toolbox / Tool bag for above tools (not mounted on Truck) – Minimum 01 number or as required as per manufacturer's standard.	
	Note: The sizes of the above-mentioned tools may change as per manufacturers standard.	
2.18	**TYPE APPROVAL CERTIFICATE:**	
a.	Type Approval Certificate of vehicle is required for the following activities in India: i. Uploading the vehicle details in the relevant Government of India portal (VAHAN / Homologation/ Parivahan portal) for registration of vehicle as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules, 1989 of India which is mandatory for plying of the vehicle in roads in India. ii. Custom clearance of the vehicle as per import policy conditions/guidelines of India Chapter-87 of ITC (HS), 2022, Schedule 1- Import Policy, Section: XVII, in case of imported vehicle from other countries to India.	
b.	In case the vehicle is manufactured in India, the vehicle shall be compliant to Central Motor Vehicle Rules 1989 of India and its amendments. In case the vehicle is imported from other countries to India, the vehicle shall be compliant with the import policy of Government of India. The bidder/supplier shall have to submit the Type Approval Certificate, as applicable, along with the supply. Submission of Type Approval Certificate shall be as per Central Motor Vehicle Rules of India and/or as per the import policy of Government of India, as applicable, as on the date of supply.	

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c.	The list of Type Approval Certificate issuing agencies are mentioned in Central Motor Vehicle Rules, 1989 of India & its amendments. In case of imported vehicle from other countries to India, at the time of Customs clearance, a Type Approval Certificate/COP, of an international accredited agency including a notarized English translation thereof shall be furnished. This Type Approval Certificate shall stipulate that vehicle to be imported complies with all the ECE Regulations. The list of international accredited agencies approved for issuance of Type Approval Certificate is available on DGFT website, under Policy Circular No. 12 (RE- 2013)/2009-2014 dated 15.01.2014 issued by Ministry of Commerce & Industry, Department of Commerce, Director General of Foreign Trade, New Delhi subjecting "Type Approval issuing agencies under Policy Condition number 7 and 9 of Chapter 87 of ITC (HS) 2012".	
d.	Bidder/supplier shall ensure adherence to any subsequent revisions to the above referred Policy Circulars that may be issued in future by DGFT. Bidder shall note that, they shall be conversant with the policy of Government of India and Oil India Limited (OIL) shall not be liable in this regard whatsoever.	
e.	Type approval certification of individual components shall not be considered as vehicle Type approval certificate.	
f.	Notwithstanding anything mentioned elsewhere in this document, submission of Type Approval Certificate/ Conformity of Production (CoP) shall be as per the guideline of Government of India as on the date of supply.	
2.19	**SPECIAL NOTES:**	
a.	All lights shall be covered to the extent possible, with suitable guard to prevent damage. The guards shall have detachable provision.	
b.	The electrical connections, other than those comes along with the Truck, shall be suitable to operate in oilfield areas. The lightings shall comply road vehicle lighting regulations. Screw-in bulbs shall not be used as far as possible. The electrical wirings shall be fixed and protected as to minimize accidental damage or undue wear. The wirings shall be insulated, and the electrical circuits shall be protected against overloading by fuses or automatic cut-outs. Adequate steps shall be taken to ensure electrical continuity and wherever	

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	necessary, components shall be bonded by copper straps. The junction boxes, if any, shall be sealed.	
c.	In case of procurement of multiple [i.e. more than 01 (one)] unit against this tender, all the Truck units offered by the bidder in the tender and to be supplied by a successful bidder (i.e. supplier) in future against this tender shall be identical and shall have same design in all respects.	
d.	In case the bidder offers more than one Truck chassis make & model in the technical bid, such bidder shall submit their technical specifications for each offered Truck chassis make & model unambiguously against the requirements of each clause of the tender document. Such bidder shall also to note that, the make & model, design etc. of all the Multi-Purpose Pumping Units to be supplied finally shall be same & identical in all respects in the event of order. The bidder to confirm the same in technical bid.	
e.	In case the bidder offers more than one Make & Model Truck chassis along with all technical / supporting documents required for evaluation purpose, the price offered in price bid must be firm and unique (same) for all the makes and models. Bidder must submit a single price without any condition which should be valid for all offered makes & models quoted by the bidder. The bidder shall ensure and confirm the same in technical bid. Offers with conditional / optional price shall be rejected at any point of time.	
f.	The supplier may, if required and at its sole discretion, engage a body builder to carry out the necessary body fabrication jobs, mounting of equipment etc. on the Truck chassis. However, the supplier shall solely be responsible for the execution of the entire project, including fabrication job, mounting of equipment etc. irrespective of whether they engage body builder or not.	
g.	No preference shall be provided during evaluation for vehicle(s) with higher specifications. All Make/ Model of vehicle(s) meeting tender specifications shall be treated as equal and at par.	
3.0	**PUMPING SYSTEM:**	
	The pumping system of the MPPU shall comprise, but not be limited to, the components outlined below. The bidder is required to submit the detailed pumping network schematic as part of the technical bid.	

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	Note: A tentative schematic is provided as *Figure 1* at the end of this document for reference.	
3.1	**HIGH PRESSURE TRIPLEX PUMP:**	
a.	One (01) number. The pump shall be horizontal, triplex, single acting reciprocating type plunger pump with replaceable plungers, valves and stuffing box packing with max Working Pressure of 10,000 psi.	
b.	Make & Model of Pump: Note: The pump shall be any one of following make: 1) Gardner Denver 2) National Oilwell Varco 3) SPM 4) MSI 5) Weatherford.	
c.	**Plunger size:** The pump should be fitted with proper size of plungers to meet the following requirement: **Maximum discharge:** 337 GPM (1275 LPM) at 2745 psi (193 kg/cm2) **Minimum discharge:** 75 GPM (284 LPM) at 10000 psi (703 kg/cm2)	
d.	Pump speed: The maximum operating speed will be limited to 450 RPM.	
e.	Duty type: "Intermittent Service"	
f.	The pump will be operated at different speeds to have a wide range of discharge volume against various pressure rating. The pump should be equipped with internal reduction gear or chain drive arrangement with proper reduction ratio to those discharge condition.	
g.	During pumping jobs using Coiled Tubing Unit, pumping rates required are sometimes as low as 20 GPM. Proper arrangement (for e.g., bypass provision for excess fluid) should be made in the pumping system to achieve the same. The bidder must provide details of such arrangement in the offer.	
h.	Fluids to be handled: Heavy duty pump suitable for the following service: Crude oil (LWC), HSD, Plain Water, Saline Water, Mineral oils, High Viscosity fluid, mud, acid etc.	
i.	The bidder has to furnish the performance curve of the pump with selected plunger along with data sheet & technical leaflet of the offered pump along with the bid.	
3.2	**PUMP LUBRICATION:**	
a.	For lubrication of plunger & packing, suitable lubricating system either of slow speed drip lubrication type (e.g., air over	

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	oil design) or provision for regular greasing along with required accessories.	
b.	Power end should be pressure lubricated either by crank shaft driven lube pump or by hydraulically driven lube oil pump to ensure proper lubrication at slow speed of the pump. The power end lubrication system should include a lube oil pump, oil cooler, oil filter, oil temperature gauge, system relief valve and lube oil reservoir with the following accessories: • Suction strainer • Sight level glass • Filling port • Breather.	
c.	If a chain drive system is used, proper lubrication system has to be installed for the chain drive and the chain with the sprockets should be enclosed in leak-proof metal enclosure with provision for periodic inspection.	
3.3	**PUMP TRANSMISSION:**	
a.	The unit shall be designed to utilize the truck engine power to drive triplex pump assembly. **Detailed diagram for power flow, from engine to triplex pump and hydraulic system, should be provided along with the bid.**	
3.4	**TRIPLEX PUMP SUCTION MANIFOLD:**	
a.	The suction manifold of the triplex pump shall be connected with the SUPER CHARGING PUMP/ BOOSTER PUMP / FEED PUMP or directly from the displacement tanks/ Mixing Tanks connected through 4" pneumatically operated butterfly valve at suitable & accessible points.	
b.	Flow direction shall be marked on the pipelines.	
3.5	**TRIPLEX PUMP DISCHARGE MANIFOLD:** The discharge manifold connection shall consist of the following:	
a.	02 nos of 2" X 15,000 Psi Plug valves.	
b.	01 No. of 2" x 15000 Psi Check Valve in between the plug valves.	
c.	All treating iron, nipple & unions shall be of make FMC/ SPM/ MSI/ PARVEEN/ Alnas.	
d.	One No. 50.8 mm (2") full flow, spring loaded reset relief valve of 15000 psi set at 6500 Psi (Make: OTECO/ BAIRD / CAMERON /SPM) with 1502 standard quick union.	

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e.	One No. heavy duty industrial type Liquid filled discharge pressure gauge having a range up to 10000 psi, with built in dampening mechanism to minimize fluctuations for accurate response to pressure changes mounted directly at the pump discharge manifold.	
f.	Flow direction shall be marked on the pipelines.	
g.	One Turbine Flowmeter to measure the discharge flowrate shall be installed at a suitable position.	
Note:	**The bidder shall submit the Pumping network Schematic in the technical bid.**	
3.6	**RELEASE MANIFOLD:** A complete release manifold shall be installed on this unit for releasing pumped fluids from the pressurized piping back to the displacement tanks. This manifold shall include the following components:	
a.	01(One) no. manually operated 2" x 1" 15,000 PSI plug valve.	
b.	01(One) no. manually operated backup 2" x 1" 15,000 PSI plug valve.	
c.	01(One) no. low pressure tank fill/return swivel to divert fluid to the displacement tanks.	
d.	Flow direction shall be marked on the pipelines.	
3.7	**SUPER CHARGING PUMP/BOOSTER PUMP / FEED PUMP:**	
a.	One (01) no. hydraulically driven 4" x 5" centrifugal pump (SUPER CHARGING PUMP/ BOOSTER PUMP / FEED PUMP) complete with hydraulic motor and adjustable packing, shall feed the main Triplex Pump from the fluid present in the Displacement tanks or Mixing Tanks.	
b.	Make: Viking / Bowie / Rotodel / Mission / GD	
c.	The suction manifold of this pump shall be connected to the outlet of the Displacement tanks and the Mixing tanks through 4" pneumatically operated butterfly valves located at the bottom of each tank.	
d.	This suction manifold shall also include a 4" Fig 207 female union connection complete with 4" manually operated butterfly valve with debris screen and a cap & Chain, such that fluids can be directly pumped to the triplex pump suction manifold from external sources.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
e.	The discharge of the pump shall be connected to the Triplex pump suction through 4" pneumatically operated butterfly valve.	
f.	The sizing of the valves shall match the piping size.	
3.8	**LOADING PUMP:**	
a.	One (01) no. hydraulically driven centrifugal pump that will feed from an external source to either the displacement tank or mixing tank. This centrifugal pump shall be a 4" x 3" pump complete with hydraulic motor driven and adjustable packing of make, Viking/Bowie /Rotodel/ Mission/ GD.	
b.	The pump shall be mounted as low as possible to ensure good suction. The pump suction should be equipped with a debris screen. The discharge manifold of the pump shall include with 2 (two) nos. of 3" valved discharge with connection for either displacement tank or the mixing tank.	
c.	A high-pressure filtration system at the discharge outlet shall be provided. 3" bye pass valve connection shall be installed as a bye pass to filter and direct filling the tanks.	
d.	The sizing of the valves shall match the piping size.	
3.9	**LOADING AND TRANSFER PUMP FOR VISCOUS FLUIDS:**	
a.	One suitable hydraulic motor driven 3" x 3" Gear type pump of the following make: Viking/Bowie/Rotodel for loading viscous fluids into the mixing tanks or to the displacement tanks from external source.	
b.	The suction manifold of this pump shall be such that the pump can take suction from a source having 4", 3" or 2" point.	
c.	The discharge of the pump shall be connected with 3" discharge line such that either the displacement tanks or the mixing tanks can be filled or can simultaneously fill both displacement tanks and mixing tanks. Pneumatically operated butterfly valves shall be installed to achieve the operation.	
d.	One dedicated 3" fill line shall be connected to the mixing tank from the discharge end of this pump with pneumatically operated butterfly valves.	
e.	The sizing of the valves shall match the piping size.	
3.10	**CHEMICAL DOZING PUMP:**	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
a.	One suitable hydraulic motor driven chemical dozing pump with dozing rate ranging from 0.5 GPM to 10 GPM at 0 psi back pressure. Make Waukesha lobe pump or equivalent.	
b.	The pump shall have provision for adjusting the dozing rate.	
c.	The suction of the pump shall be from a Dozing tank.	
d.	The discharge of the pump shall be to the mixing tank. Plumbing shall match the maximum dozing rate of the pump with suitable valves operated pneumatically.	
3.11	**NOTE: For Clause No. 3.0**	
a.	Layout of the pumps along with the size of the pipelines & the valves shall be provided with the bid.	
b.	Layout of the pump shall be such that the operator can have easy access.	
c.	Layout of the pumps shall be such that loads are evenly distributed on the truck chassis.	
d.	Suitable access ladder shall be provided to approach the pumps.	
e.	Direction of flow from and into the pumps shall be marked.	
4.0	**TANKS & FILTRATION SYSTEM:**	
4.1	**FLUID DISPLACEMENT TANKS:**	
a.	Two (02) Fluid Displacement tank having capacity 20 bbl each, total capacity 40 bbl. with heavy duty with cover and quick opening man ways. Access ladder to man ways. The material of construction of tank should be stainless steel and internally coated with abrasive and acid-resistant coating with double coating at the bottom.	
b.	This tank shall be installed such that the operator can clearly view the tank volume from the control platform and shall have access to the tank fill manifold and tank suction valves.	
c.	The tank should be equipped with Vapor vent line against pressurization and Reflex type level Indicator for fluid level indication. An electronic gauge should be installed on the tank and the output should be displayed on Control Panel.	
d.	The tank shall be sloped bottom for ease of cleaning and draining.	
e.	**The tanks shall be equipped with the following:**	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
e.1	Two (2) pneumatically operated 4" suction butterfly valves.	
e.2	One (1) master pneumatically operated 4" butterfly valve to the super charging centrifugal pump.	
e.3	2" or 3" pneumatically operated valves for fluid fill lines with 2" or 3" connections as per the design.	
e.4	One point with manually operated valves for receiving the fluid from the release manifold.	
e.5	3" overflow lines installed in each tank	
e.6	All tank inlets and overflow lines shall be from the side of the tank and shall not be over the tank.	
e.7	Manually operated 4" drain valves install below each tank.	
4.2	**MIXING TANKS:**	
a.	Two (02) Mixing tanks having capacity 15 bbl. each, total capacity 30 bbl. with heavy duty with cover and quick opening man ways. Access ladder to man ways. The material of construction of tank should be stainless steel and internally coated with abrasive and acid-resistant coating with double coating at the bottom.	
b.	Each tank shall be a cylindrical body tank with conical bottom. Installed in each tank shall be a hydraulically driven mixing paddle. These tanks shall be installed such that the operator can clearly view the tank volume from the control platform and shall have access to the tank fill manifold and tank suction valves.	
c.	The tanks shall be equipped with the following:	
c.1	Cylindrical closed top construction with suitable access hatches on the top of each tank.	
c.2	The tank should be equipped with Reflex type level Indicator for fluid level indication. An electronic gauge should be installed on the tank and the output should be displayed on Control Panel.	
c.3	One (1) 2" or 3" fluid fill line with 2" or 3" pneumatically actuated butterfly valve and 2" or 3" cam lock connection per tank as per design.	
c.4	One (1) 3" viscous fluid fill line with pneumatically operated 3" butterfly valve and 3" connection per tank.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
c.5	Sack cutting table and rotary cutter installed near the access hatch.	
c.6	Suitable drum/sack lifting mechanism to be provided from ground to sack cutting table.	
c.7	Manually operated 4" drain valves install below each tank.	
c.8	Hydraulically driven mixing paddle type agitator/Auger with a speed range of 0 -120 rpm.	
4.3	**DOZING TANK:**	
a.	One tote tank of minimum of 200 liters, construction stainless steel / plastic to be installed at suitable location.	
b.	The tank shall include, as a minimum, valve outlets, and fill ports and plumbed to the dozing pump.	
c.	Shall have the provision to clean and drain the dozing fluid/chemical.	
4.4	**FILTRATION SYSTEM:**	
a.	The unit shall be equipped with a fluid filtration system and the filtration system shall consist of two (02) parallel manifolded stainless steel fluid filters installed in the discharge manifold of the centrifugal loading pump before the batch mixing tanks.	
b.	These fluid filters shall be rated for 150 PSI minimum WP and equipped with filter bags for up to 5-micron absolute particle filtration. Filters shall be designed for flow rates up to 1.5 m3/min.	
c.	The parallel filter manifold shall be equipped with adequate valves and piping to allow the operator to pump fluid through one filter bag while changing the other filter bag. Each filter shall be installed in a manner to facilitate filter replacement.	
d.	There should be provision to bypass the filtration system.	
4.5	**NOTE: For Clause No. 4.0**	
a.	Layout of the tanks along with the size of the pipelines & the valves shall be provided with the bid.	
b.	Layout of the tanks shall be such that the operator can have clearly view the tank volume from the control platform and shall have access to the tank.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
c.	Layout of the tanks shall be such that loads are evenly distributed on the truck chassis.	
d.	Suitable access ladder shall be provided to approach the tanks and the valves.	
e.	Direction of flow from and into the tanks shall be marked on each tank.	
5.0	**HYDRAULIC TRANSMISSION & CONTROLS:**	
a.	Hydraulic system pumps shall be driven by truck engine through transmission and PTOs.	
b.	All variable displacement hydraulic pump and motor should be hydraulic displacement control type only.	
c.	All hydraulic direction control valve should have mechanical actuation system. In case of Pilot operated direction control valve, pilot signal should be hydraulic.	
d.	Make of the hydraulic motors/ pumps shall be Sauer Danfoss / Sauer Bibus/ Sun strand / Parker / Denison / Rexroth / Linde / Vickers/ Eaton.	
e.	Hydraulic oil cooler should be designed in such a way that the temperature of the hydraulic oil in the system does not exceed 70° C in extreme ambient temperature of 50° C.	
f.	Hydraulic Hose Make: Parker / Gates / Eaton / Power Grip / Hansaflex	
g.	Hydraulic Fitting: JIC (Imperial) or ERMETO (Metric)	
6.0	**CONTROL PANEL, INSTRUMENTATION & MONITORING SYSTEM AND ILLUMINATION:**	
6.1	**CONTROL PANEL:**	
a.	The control panel shall be made of stainless-steel plates. Panel shall be weatherproof (IP-66) & above and shall have provision of front opening with proper side hinge & Locking System. The necessary hinge, screw, nuts& bolts used in the panel should be SS. Control Panel should be preferably upward opening with gas struts on both sides to support the panel. There shall be proper illumination inside the panel. Necessary power supply for the panel DC/AC, inverter/converter shall be mounted inside the panel or a suitable location near the panel or on the truck body with proper enclosure. All nuts, bolts, screws etc. used for mounting the panel and its modules shall be non-rusting type.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
b.	The AC operating power for the instruments shall be 230±10 V, 50 Hz and DC operating power for the instruments shall be 12/24V. Inverter shall be 12/24VDC to 230VAC.	
c.	The control system should be predominantly hydraulic / pneumatic. The inside of the door should depict a permanent block/flow diagram of the operating process and list of start-up and shutdown procedure.	
d.	The Mechanical gauges installed in the control panel shall be liquid filled type to dampen vibration when the unit is in operation. The control panel shall be installed with suitable anti vibration pads. The gauges to be provided shall be dual scale, English / Metric wherever possible.	
e.	All-important parameters of the unit shall be indicated in the control panel. The parameters/ controls that are required to be installed in this local gauge cabinet will be as follows:	
e.1	Engine coolant temperature gauge.	
e.2	Engine oil pressure gauge.	
e.3	Engine RPM.	
e.4	Hydraulic oil pressure gauge.	
e.5	Hydraulic Temperature gauge.	
e.6	Air Pressure gauge.	
e.7	Transmission oil temperature gauge.(If applicable)	
e.8	Triplex pump Lube oil temperature gauge.	
e.9	Triplex pump power end lube oil pressure gauge along with one (01) no. additional pressure gauge for direct power end lube oil pressure.	
e.10	Triplex pump pressure.	
e.11	Boost Pressure gauge.	
e.12	Boost Control valve.	
e.13	Emergency shut down.	
e.14	Normal shut down.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
e.15	Lights on / off.	
e.16	Transmission shifter.	
e.17	Hooter/Alarm.	
e.18	All controls of the pumps.	
e.19	All controls of the valves.	
e.20	Level indicator for Displacement tanks & Mixing tanks.	
e.21	Controls for hydraulically driven mixing paddle	
e.24	Engine Throttle control	
e.25	**Any other control/switch required for operating the pumping equipment.**	
6.2	**DATA ACQUISITION & CONTROL SYSTEM:**	
a.	The unit must feature a real-time data acquisition and control system to oversee Engine, and Pumps performance.	
b.	The Data Acquisition System software will be integrated into a minimum 14-inch Touch Screen Human-Machine Interface (HMI) housed within the control panel. Preferably, the system shall be PLC-based, with appropriate hardware and software.	
c.	The followings are the minimum parameters to be provided in the HMI:	
c.1	Hydraulic pressure	
c.2	Hydraulic temperature	
c.3	Engine RPM	
c.4	Engine oil pressure	
c.5	Engine coolant temperature	
c.6	Lube oil temperature.	
c.7	Lube oil pressure.	
c.8	Booster pump pressure.	
c.9	Triplex pump pressure.	
c.10	Triplex pump rate (lpm, bpm, gpm) and totalizer.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	(One suitable Turbine flowmeter shall be installed to measure Triplex Pump discharge rate)	
c.11	Fluid Level (litre)	
c.12	Air Pressure	
c.13	Transmission oil temperature (If applicable)	
c.14	Transmission oil pressure(If applicable)	
c.15	Controls for Pumps & Valves	
c.16	Controls for hydraulically driven mixing paddle	
d.	The followings are the minimum controls/safety features to be provided from the HMI:	
d.1	Triplex pump high discharge pressure trip	
d.2	Any other controls/safety features to be provided as per requirement of the pumping unit operation.	
e.	The Data Acquisition System software shall have lifetime validity.	
f.	A rugged industrial laptop with the latest configurations, along with all necessary accessories, will be provided with the unit.	
g.	The programming software for both PLC and HMI will be pre-installed on the laptop, with lifetime validity.	
h.	The Data Acquisition System will feature data retrieval capability via laptop or pen drive or Ethernet.	
6.3	**ILLUMINATION:**	
a.	The unit should have an inbuilt electrical system to provide sufficient LED Light illumination to enable emergency operation during night hour operations. At least six flood lights (2 at front, 2 nos. at rear and 2 nos. near Middle of the unit) shall be provided in the unit for all round illumination.	
b.	These lamps should have independent individual switches with the master switch located at the operation control panel. These lights should be mounted in such a way they can be rotated as per requirement.	
c.	The lights should be protected with an outer detachable cover to prevent them from physical damage.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
7.0	**TREATING IRON:**	
a.	All Treating iron should be of SPM/ FMC / MSI/ PARVEEN/ Alnas	
b.	High pressure treating iron and low-pressure appliances should be mounted on the unit with a rack and hanger / tool box.	
c.	The following items are to be supplied with this unit:	
1	2" style 10 swivel with Fig 1502 connection: 6 nos.	
2	2" style 50 swivel with Fig 1502 connection: 8 nos.	
3	2" x 10' pup joint with Fig 1502 connection: 10 nos.	
4	2" x 5' pup joint with Fig 1502 connection: 10 nos.	
5	2" check valve with Fig 1502 connection: 4 nos.	
6	2" plug valve: 4 nos. with Fig 1502 union connection male X Female end connection	
7	2" Y with Fig 1502 connection: 2 nos.	
8	4" x 10' low pressure suction hose with connection: 2 nos.	
9	Line relief valve with fig 1502 connection.	
8.0	**LAPTOP:**	
	A laptop to be provided which shall be loaded with the following software as the case may be:	
1	PLC/Microcontroller program (if system is PLC based)	
2	HMI configuration backup (if system is PLC based)	
3	PLC programming platform (if system is PLC based)	
8.1	In case the control system of the unit is PLC/HMI based, then the followings shall be invariably provided in portable storage media:	
1	Original program (Ladder Logic/FBD) of PLC/Micro controller,	
2	Original HMI configuration backup	
3	Original PLC programming platform /OS	
9.0	**PAINTING:**	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	Unit to be sand blasted wherever required, one coat of primer followed by two coats of paint as specified below:	
1	Frame, Pump, and Control console: RED-315	
2	Rim and Cab Top: Gold-44753	
3	Bumper: Gold & Red Stripes	
4	OIL logo (to be provided at the time of unit manufacturing)	
5	Tank: (Tanks are those outlined at Clause 4.0): Red	
10.0	**UNITIZATION AND COMPLETION:**	
a.	Installation of all electrical systems. All wiring systems will be produced as moulded cables and recorded as system kits.	
b.	Installation of all pneumatic systems.	
c.	Installation of all hydraulic systems.	
d.	All operating oils, coolants, and other operating fluids except those required for road drive of the Truck unit will be drained prior to shipment.	
e.	All fixtures to ship complete with the unit.	
f.	Steel toolbox with locking arrangement for keeping operation related tools & fittings.	
g.	All tanks (Fuel, Hydraulic oil, etc) shall be fitted with suitable filter and locking arrangement.	
h.	All labour to complete unit.	
i.	Workmanship should be of good quality and appearance. Following is a partial list of examples.	
1	Flame cut edges shall be ground smooth.	
2	Sharp corners and edges to which operators and mechanics are vulnerable shall be ground smooth.	
3	Bolt holes shall be drilled (not torch cut).	
4	Welds shall be of good quality and of sufficient strength.	
5	Use self-locking nuts.	
6	All hoses will be well supported with support type clamps.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
7	All hose assemblies will have swivel ends.	
8	All hoses will be protected by well secured rubber sleeves to prevent rubbing by frame, etc tagged for easy identification.	
9	All reservoirs constructed of steel plate with level gauge, cleanouts, vent fill cap, etc.	
j.	Circuit protective device mechanism (Fuses) for local & remote-controlled panel. Resettable circuit breaker is also acceptable.	
k.	Access steps with grab handles should be located at convenient locations around the unit.	
l.	Access ladder for radiator fill, if required.	
m.	All hoses & wiring should be protected, easily accessible & symmetrically for easy identification & maintenance.	
n.	The complete testing of unit should be done at the manufacturer's factory & certificate should be produced.	
o.	Special instruments / attachments for setting user settable meter configuration parameters are to be provided.	
p.	Another lockable toolbox should be provided to keep jack & tommy rod, spanner, pipe wrench etc.	
q.	All steel / misc. Fittings to complete the unit. High pr pipe / fitting, racks and toolboxes.	
r.	One set of handling tool in inches	
s.	Fire extinguisher (ABC Type)	
t.	One set of tools for operations, routine maintenance of unit.	
u.	Complete set of Special tools/wrenches for triplex pump serving maintenance	
v.	Tools for the servicing of plug valve - 1 No	
11.0	**TOOLS:**	
9.1	One set of relevant tools for operation and maintenance of the unit for all equipment, pumps, associated hydraulic system etc. to be supplied with the unit.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
9.2	Following standard tools and accessories to be supplied in a toolbox with locking arrangement of suitable size attached to the chassis:	
a.	Pipe Wrench (size 12", 18", 24"): 4 nos. (each)	
b.	Combination Spanners: 3 sets.	
c.	Combination Pliers: 2 nos.	
d.	Allen Key Set: 3 nos.	
e.	Screw Drivers (plain, Size 6" X 10"): 3 nos.	
f.	Screw Drivers (Philips Size 6" X 10"): 2 nos.	
g.	Fire Extinguisher (ABC type), capacity 20lbs each.	
h.	Special tools wrenches for Pump servicing.	
i.	Valve seat Puller : 1 set	
j.	Aluminium ladder (12 ft) : 2 no (Heavy Duty)	
k.	Special tools for removing plunger: 1 set.	
l.	Special tools for valve suction and discharge cover removal: 1 set each.	
m.	Special tools required for Booster pump & hydraulic system: 1 set.	
n.	Instrumentation tools: 1 no. Digital Multimeter, 1 no. clamp meter, 1 screwdriver set (containing the following types of drive tip i.e Flat head, Philips, Torx, Hex, Tri wing etc.)	
12.0	**SPARES:**	
12.1	**COMMISSIONING SPARES:** The Supplier has to supply all the spare parts free of cost, required for initial commissioning of the unit. All the consumables such as, lube oil, gear oil, hydraulic oil etc. except diesel fuel, required for commissioning should also be supplied.	
12.2	**OPERATIONAL CRITICAL SPARES:** Spares as given below in specified quantity shall be supplied along with each unit. Specific Description, quantity of each &	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	every spares shall be indicated in the technical bid and Make, Part Nos. etc. shall be submitted along with the supply. Bidders shall include the price of these spares in the cost of the Multi-Purpose Pumping Unit in the priced bid format. The bidder shall confirm in the technical bid that all spares given under **Table-1** will be supplied with the unit.	
a.	**AUTOMOBILE SPARE PARTS LIST:** All spare parts for the Automobile in specified quantity as mentioned in **Table-1 / Section (A)** shall be supplied along with the supply. Bidder / supplier to note that the spares mentioned in **Table-1 / Section (A)** to be supplied shall be additional to the items fitted in each unit. Specific description, Quantity etc. of each item shall clearly be indicated in the technical bid. Make, Part Nos. etc. of each item shall be submitted by the supplier along with the supply. In case any of the spares mentioned in **Table-1 / Section (A)** does not come as per bidder's design and the bidder has not quoted for such spares, the bidder shall clearly indicate the same. However, in case such spares are provided in the unit in future, the same shall be supplied by the bidder / supplier along with the supply without any extra cost to Oil India Limited (OIL).	
b.	**TRIPLEX PUMP SPARES:** All spare parts for the **Triplex pump** in specified quantity as mentioned in **Table-1 / Section (B)** shall be supplied along with the supply. Bidder / supplier to note that the spares mentioned in **Table-1 / Section (B)** to be supplied shall be additional to the items fitted in each unit. Specific description, Quantity etc. of each item shall clearly be indicated in the technical bid. Make, Part Nos. etc. of each item shall be submitted by the supplier along with the supply. In case any of the spares mentioned in **Table-1 / Section (B)** does not come as per bidder's design and the bidder has not quoted for such spares, the bidder shall clearly indicate the same. However, in case such spares are provided in the unit in future, the same shall be supplied by the bidder / supplier along with the supply without any extra cost to Oil India Limited (OIL).	

<table>
<tr><th>CLAUSE NO.</th><th>CLAUSE DESCRIPTION</th><th>BIDDER'S RESPONSE</th></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>c.</td><td>INSTRUMENTATION & CONTROL SYSTEM:

All spare parts for the instrumentation & control system in specified quantity as mentioned in Table-1 / Section (C) shall be supplied along with the supply.

Bidder / supplier to note that the spares mentioned in Table-1 / Section (C) to be supplied shall be additional to the items fitted in each unit.

Specific description, Quantity etc. of each item shall clearly be indicated in the technical bid. Make, Part Nos. etc. of each item shall be submitted by the supplier along with the supply.

In case any of the spares mentioned in Table-1 / Section (C) does not come as per bidder's design and the bidder has not quoted for such spares, the bidder shall clearly indicate the same. However, in case such spares are provided in the unit in future, the same shall be supplied by the bidder / supplier along with the supply without any extra cost to Oil India Limited (OIL).</td><td></td></tr>
<tr><td>12.3</td><td>RECOMMENDED SPARES:

The bidder is to furnish a list of spares & components that will be required for regular operation and maintenance, overhauling etc. throughout the life of the equipment (except Truck) complete with price of each item. Annual consumption of each spare should be furnished. The bidder should also provide detailed spare list of all the items including bought out items in the operation and maintenance manuals. The list should include a spare parts list along with OEM part numbers, make & model of the equipment and contact postal address of OEM for all items of the whole unit.

The bidder is not required to provide Recommended Spares list related to Truck.

THE PRICE QUOTED FOR RECOMMENDED SPARES WILL NOT BE TAKEN INTO ACCOUNT FOR BID EVALUATION.

The bidder has to submit a complete spare parts list for the whole unit subgrouping major component in the following format as shown with example:

<table>
<tr><td>Name of the Component / Sub com.</td><td>Description of the item</td><td>Part no./ID no. of item</td><td>Frequency of replacement (in Hours/Day)</td><td>Make</td></tr>
</table>
</td><td></td></tr>
</table>

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
13.0	**STANDARDS:**	
1.	ASME standards	
2.	The operations of this unit shall be covered under the following: **a.** Government of India, Ministry of Labour, **b.** Directorate General of Mines Safety, Dhanbad, India.	
14.0	**UNDERTAKING:**	
	The bidders must submit a written undertaking (along with the bid) that they would be able to supply all the requisite spares and consumables (including bought out items) for a minimum period of ten (10) years from the Certified date of completion of successful field commissioning of the unit.	
15.0	**TECHNICAL MANUALS, CATALOGUES AND CERTIFICATION FOR OPERATION AND MAINTENANCE OF THE UNIT**:	
	The following Manuals & Catalogues (in English language) shall be supplied along with the unit for **each** unit. Manuals/ Part Catalogues provided shall be Custom Illustrated Manuals/Catalogues for the vehicle and equipment only, not a general Composite Manual/Catalogue. The manuals supplied should be specific to the make / model of the equipment / part / components supplied in the units. In case a comprehensive OEM catalogue is supplied of the equipment / part / components, then the respective make / model of the equipment / part / components supplied in the units should be clearly marked / identified. Bidder to confirm that the following will be provided along with supply:	
1.	Preferably, 01 (One) set of Spare Parts Catalogue with Part Numbers and Workshop & Service Manual for all components/systems of truck chassis like Engine, Transmission, PTO(s), transfer case (if any), axles, brakes, suspension, steering, electrical & pneumatic systems, etc. All the manuals & catalogues shall contain only those components/systems that have been used in the unit i.e. the same must be CUSTOM ILLUSTRATED MANUALS/ CATALOGUES ONLY – not the generalized ones. The Spare Parts Catalogue with Part Numbers and Workshop & Service Manual shall be provided by the supplier in any one of the following forms: (a) Hard copy format (i.e. in printed form) OR	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	(b) Soft copy format (i.e. in USB drive) In case, the supplier (i.e. successful bidder) cannot provide the above Spare Parts Catalogue with Part Numbers and Workshop & Service Manual along with the supply, the supplier (i.e. successful bidder) shall promptly provide Part Number and other details of Truck related spares on OIL's intent to procure the spares and the request for budgetary quotation (BQ) prior to placement of formal purchase order for the spares by OIL in future. The bidder shall confirm the compliance of same in the technical bid.	
2.	01 (One) set of Driver's manual in English language for vehicle, if provided by the Truck manufacturer.	
3.	03 (Three) sets of Operational manual of the unit with categorical steps to operate the unit by an operator along with the functionality for each control switches, etc. and the operating range of the control parameters to be provided.	
4.	Supplier to supply 03 (Three) Sets of OEM's operation, maintenance and overhauling manuals of supplied models of Pumps and all other sub-assemblies and their corresponding Spare part catalogue.	
5.	03 (Three) sets of the following schematics, layout drawings not limited to i. Equipment layout ii. Process flow drawing iii. Electrical, pneumatic and hydraulic schematic for operator panel and its interconnection with chassis & cabin are to be provided. iv. Control Panel wiring diagram, Termination panel details, Panel BOM with name of OEM & their part numbers.	
6.	The layout diagram of each system must enlist the components in it along with technical detail (Nomenclature).	
7.	All the components should also have nameplate embossed indicating original equipment manufacturer of these components, Make / Model their Part No., Sl No. and possible details as per industry standards. Wherever the mounting of the nameplate is not possible such detail must be made on layout sheet of the system in which the component is installed. This is not required for components pertaining to Truck chassis.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
8.	The O&M manuals and the spare part lists (three sets) to be provided in hard copy as well as in a soft copy. This is not required for components pertaining to Truck chassis.	
9.	Lubrication and Fluids: Lubrication fluids chart (permanent attached to Unit) should be provided listing fluids, lubricants and filter types which are required by the Equipment. Fluids should be identified by generic name (i.e., hydraulic oil) near the fill port for each fluid. The lettering should be in English, and colour should be black on a white or stainless-steel background. This is not required for fluids pertaining to Truck chassis.	
10.	Control Panel drawings with complete/comprehensive Bill of Materials (BOM) with name of OEM & their part numbers.	
11.	Instrumentation wiring diagrams with end-to-end termination details.	
12.	The necessary licensed software in original packages along with user software backups are also to be supplied.	
16.0	**INSPECTION CUM ACCEPTANCE**	
16.1	**THIRD PARTY INSPECTION:**	
a.	Supplier shall arrange for Third Party Inspection (TPI) of the unit through OIL's nominated Third-Party Inspection Agency at Bidder's/ Manufacturer's plant/premises as per approved QAP and conditions of the Purchase Order.	
b.	All cost towards the engagement of Third-Party Inspection agency shall be borne by supplier. Bidder shall quote/include the cost of Third-Party Inspection in their offer.	
c.	The Scope of Third-Party Inspection will include but not limited to the following: i. Witness the manufacturing and assembly. ii. Witness the functional and performance tests. iii. Review of inspection procedure. iv. Review of tests and documents related to all components of equipment. v. Review of Test Document for Pumping Unit and Burner System Installed on the unit. vi. Review of Documents under Clause No. 15. vii. Any other requirement of the inspection agency to ensure compliance of the equipment with applicable standards.	
d.	**Note:** TPI certificates shall be submitted along with material supply.	
16.2	**PRE-SHIPMENT INSPECTION:**	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	Pre-shipment inspection shall be carried out by OIL at manufacturer's site/workshop after completion of Third-Party Inspection (TPI). The inspection team shall consist of representatives of the concerned departments of OIL. The following points shall be noted but not limited to regarding Pre-Shipment Inspection by OIL.	
a.	The inspection shall not relieve the supplier of their responsibility to ensure that the equipment supplied is free from all manufacturing and other defects and fully conform with the required specifications.	
b.	The period for the Inspection-cum-Acceptance shall be of one (01) week.	
c.	The supplier shall inform OIL at least three (03) months ahead of the inspection and OIL shall depute its Inspection Team within three (03) months of intimation from supplier. However, OIL shall witness such inspection at a mutually agreed date based on readiness of the Unit.	
d.	The supplier shall provide all necessary support, facilities and assistance to OIL's inspection team at no extra cost to OIL. However, all expenses related to travel, accommodation and other expenses of the OIL's inspection team will be borne by OIL.	
e.	**Scope of Inspection:** The inspection shall include, but not limited to: • Physical verification of all items, fittings, and accessories. • Review of TPI Reports. • Review of Documents mentioned under Clause No. 14. • Verification of Make & Model of the Truck chassis, Type Approval Certificate, etc. as per the Tender/Purchase Order.	
f.	**Functional Testing:** Following functional testing of equipment shall be carried out, but not limited to: • Load testing of the pump • Pump Auto shut off • Pump operation • Hydraulic system testing	
g.	The supplier shall ensure that all points under Clause (e) and Clause (f) are complied with to the requirements of the Purchase Order (PO), which shall be a prerequisite for issuance of dispatch clearance.	
h.	The supplier shall arrange for driver, operator, weighing facility and any other infrastructure required for the inspection.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
i.	For operational or safety reasons, if any minor modifications suggested by the inspector, must be complied with by the supplier at no additional cost to OIL.	
j.	Supplier shall confirm in writing compliance of all the points raised in the inspection report as well as any other subsequent additions/changes, following deliberation with the inspector after arrival at Duliajan.	
k.	The inspection report would be prepared at the end of the inspection and jointly signed by both the parties.	
l.	Supplier will affect dispatch of the unit only on receipt of OIL's dispatch advice.	
17.0	**TRAINING TO OIL PERSONNEL ON THE UNIT:**	
	The Manufacturer shall provide training to OIL personnel in two (02) phases as detailed below:	
17.1	**Phase - I: After Completion of Inspection at Manufacturing Plant** After completion of pre-dispatch inspection by OIL's personnel at Manufacturing Plant, the supplier shall arrange comprehensive training at their manufacturing plant/works for a period of minimum **One (01) week after completion Pre shipment inspection of the Equipment (as per Clause 16.2)**. Training shall be imparted on Operation & Maintenance, Troubleshooting and Working Principle of following systems/items used in the unit, amongst other relevant subjects. a. Engine and its Electronic Controller System. b. Transmission, PTO, Transfer Case (if any) and their control systems. c. Front & Rear Suspension, Front & Rear Axles, Differentials, Brake, ABS, Steering, Electrical System, Pneumatic System etc. of the offered Truck. d. Hydraulic system. e. Control Panel. f. MPPU operation, maintenance & trouble shooting. g. Software.	
17.2	**Phase - II: During the time of Commissioning at Duliajan** The Supplier shall provide both classroom and hands-on training to OIL personnel during commissioning of the unit at Duliajan. The training shall cover practical operation, routine	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	maintenance, and troubleshooting of the equipment under actual field conditions. During commissioning, the Supplier's Commissioning Engineer is required to successfully complete three (03) field jobs at OIL's designated locations/wells. The training shall be imparted concurrently during the execution of these field jobs, ensuring that OIL personnel gain exposure to real-time operational scenarios.	
17.3	Bidders should quote their training charges separately, with clear breakup for 1st & 2nd Phases for evaluation purposes.	
18.0	**COMMISSIONING:**	
	The Supplier shall successfully commission the unit upon its delivery at Duliajan. The Bidder shall confirm compliance with the following clauses pertaining to commissioning of the unit:	
18.1	The successful bidder will be required to commission the unit at Duliajan, Assam, India.	
18.2	The supplied unit shall be deemed commissioned only after the Supplier's Commissioning Engineer successfully completes three (03) field jobs at any of OIL's locations/wells within thirty (30) days of arrival, to the satisfaction of OIL.	
18.3	The Supplier's commissioning engineer shall be available at Duliajan, Assam within thirty (30) days from the date of intimation given by OIL for commissioning the unit.	
18.4	While quoting Commissioning charge, bidder should consider all expenses including to and fro fares, boarding/lodging, and other daily expenses during stay of their commissioning engineer accordingly. OIL may provide accommodation on Chargeable basis subject to availability.	
18.5	The successful bidder will be required to commission the unit within thirty (30) days of the arrival of the Commissioning Engineer. However, if the same is delayed for reasons not attributed to the supplier and to the satisfaction of OIL, OIL may extend the commissioning period to a maximum of one hundred and twenty (120) days. The Bidder shall confirm and submit an undertaking that the unit will be fully commissioned within a period not exceeding one hundred and twenty (120) days from the date of commencement of the commissioning job.	
18.6	The Commissioning Engineer shall ensure availability of all spares related to initial commissioning of the unit. In case use of operation Critical Spares by the commissioning Engineer	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	during Commissioning of the Equipment, the same shall be replenished by the supplier within 30 days.	
18.7	Bidders should quote commissioning charges separately for evaluation purposes.	
19.0	**WARRANTY / GUARANTEE:**	
	Bidder to confirm compliance to the following:	
a.	The bidder shall offer a period of at least one (01) year warranty for the entire equipment supplied from the date of successful field commissioning of the entire equipment.	
b.	OIL reserves the right to inspect, test and if necessary, reject any part / parts after delivery at site (including incomplete manuals, catalogues, etc.) in case of any fault on the part of the supplier. It shall in no way be waived by the reason that the unit / item was previously inspected and passed by OIL as per Inspection Clause detailed elsewhere in the NIT.	
c.	To keep the unit fully operational, in case of failure of any item during the warranty period, it shall be the supplier's responsibility to arrange replacement / repairing at site at their cost including customs, freight, etc. within a period of maximum three (03) weeks from the date of notification of such failure and warranty for such items shall be extended accordingly.	
20.0	**Document(s) to be submitted along with the supply of each unit for government Registration etc.:**	
	Following documents shall be submitted by the supplier along with the supply as mentioned hereunder:	
a.	Invoice(s) in the name of Oil India Limited, Duliajan, Assam-786602 in original. Notwithstanding any clause mentioned elsewhere in the NIT/tender, the Invoice for each of the complete unit shall be submitted in 02 (two) parts separately as under for registration purpose: (i) Invoice for the complete unit. (Truck chassis with Driver's Cabin along with all items/ components / systems fitted permanently on the unit). (ii) Invoice for items, spares, accessories etc. supplied separately along with the unit. **Note:** Truck Chassis Number, Engine Number shall be mentioned in invoice(s) against above Sl. No. (i).	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
b.	Sale Certificate (Form-21) in the name of Oil India Limited, Duliajan, Assam-786602 in original, sample format as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules, 1989 of India provided.	
c.	Road-Worthiness Certificate for Compliance to Emission and Noise Standards [Form-22, Form-22A (Part I), Form-22A (Part II)] in the name of Oil India Limited, Duliajan, Assam-786602 in original, sample format as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules, 1989 of India provided.	
d.	Certificate of Origin of the Multi-Purpose Pumping Unit.	
e.	Pencil print of Vehicle Identification Number (VIN) i.e., Chassis Number of Truck chassis.	
f.	Certificate for the Truck chassis in original from Truck manufacturer or from Truck manufacturer's dealer. Amongst others, the certificate shall contain following information: (i) Make & Model of Truck. (ii) Vehicle Identification Number (VIN) i.e. Chassis Number. (iii) Month & Year of Manufacture of the Truck.	
g.	Necessary certification/ documentation from appropriate authority regarding the speed limitation function or SLD (Speed Limiting Device) with speed limit.	
h.	Necessary certification/ documentation from appropriate authority regarding the Vehicle Tracking System (VTS).	
i.	Type Approval Certificate as per Clause No. 2.18.	
j.	Technical drawing of the complete unit indicating the Centre of Gravity, length, width, height, angle of approach, angle of departure, weight, etc.	
21.0	**VAHAN / HOMOLOGATION / PARIVAHAN PORTAL DATABASE:**	
21.1	**In case all the following conditions are met:** **a. The successful bidder (supplier) is from outside India (AND)** **b. The Truck chassis is manufactured outside India (AND)** **c. The complete unit (Multi-Purpose Pumping Unit) is manufactured outside India.** The vehicle details in relevant VAHAN / Homologation / Parivahan portal of Ministry of Road Transport & Highways (MoRTH), Government of India will be dealt as per the applicable guidelines of Ministry of Road Transport & Highways (MoRTH) / Director General of Foreign Trade,	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	Government of India at the time of supply on submission of requisite documents by the successful bidder (supplier) as mentioned in the tender / order. Any vehicle information required for the relevant VAHAN / Homologation / Parivahan portal shall be provided by the successful bidder (supplier).	
21.2	**In all cases other than Clause 17.1 above:** The bidder (supplier) shall be responsible and ensure that the vehicle details are available in the relevant VAHAN / Homologation / Parivahan portal of Ministry of Road Transport & Highways (MoRTH), Government of India in accordance with Motor Vehicle Act, 1988 & Central Motors Vehicles Rules, 1989 of India prior to delivery of the unit(s) to Oil India Limited.	
	Note to Clause 21.1 & 21.2: Bidder/supplier shall also ensure adherence to any subsequent revisions to the referred requirements that may be issued in future by Ministry of Road Transport & Highways (MoRTH), Government of India.	
22.0	**TEMPORARY REGISTRATION:**	
22.1	**In case all the following conditions are met:** **a. The successful bidder (supplier) is from outside India (AND)** **b. The Truck chassis is manufactured outside India (AND)** **c. The complete unit (Multi-Purpose Pumping Unit) is manufactured outside India.** The scope & cost of Temporary Registration (if applicable), Motor Vehicle Insurance as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules 1989 of India shall be under the scope of Oil India Limited.	
22.2	**In all cases other than Clause 22.1 above:** Temporary Registration, Motor Vehicle Insurance as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules 1989 of India, if applicable, for unit transportation/ manufacturing purpose/ delivery purpose etc. shall be under the scope of the successful bidder (supplier). The successful bidder (supplier) is to note that, in case Temporary Registration as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules 1989 of India is done in India, the Temporary Registration shall be done in the name of Oil India Limited, Duliajan, Assam- 786602 (India). The cost of Temporary Registration, Motor Vehicle Insurance shall be borne by the successful bidder (supplier).	
23.0	**PERMANENT REGISTRATION:**	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	On receipt of the vehicle(s) and documents required for permanent registration, Oil India Limited (OIL) shall apply for permanent registration of the vehicle(s) at the office of the local Government District Transport Office (DTO) as per Motor Vehicle Act, 1988 & Central Motor Vehicle Rules 1989 of India. Cost of permanent registration shall be borne by Oil India Limited.	
24.0	**HIGH SECURITY REGISTRATION PLATE (HSRP):**	
	On receipt of the government Registration Number, Oil India Limited (OIL) shall inform the Registration Number to the supplier (successful bidder). The supplier (successful bidder) shall supply the High Security Registration Plate (HSRP) through the Original Equipment Manufacturers of motor vehicle/ dealer/any one of the agencies authorised by the Government of India/Assam to issue the High Security Registration Plate (HSRP) enabling the DTO to issue permanent Registration Certificate for the vehicle(s) as required for road drive of the vehicle. The cost of High Security Registration Plate (HSRP) shall be borne by the supplier (successful bidder). Bidder/supplier shall also ensure adherence to any subsequent revisions to the referred requirements that may be issued in future by Ministry of Road Transport & Highways (MoRTH), Government of India.	
25.0	**DEVIATIONS FROM THE SPECIFICATIONS:** The bidder shall enclose comprehensive list of intended deviations from the technical specifications clearly highlighting the reasons thereof, if any, sufficiently prior to Bid closing date & time for Tender amendment, etc. But OIL reserves the right for acceptance or rejection of the deviation(s).	
26.0	**BID SUBMISSION & DOCUMENTATIONS:** Bidders should submit their bids in the above tabular form mentioning their offered specification, Make, Model, necessary data, submitted/not submitted/ complied/not complied etc. as applicable to all the NIT terms and conditions including submitting the documents, leaflets as specified. Other details, if any, the bidder may mention the same by adding additional row(s)/separate sheet as the case may be. Bidder's response to all NIT stipulations should clearly be defined maintaining the same sequence as in the NIT. Bidder shall furnish specific details / specifications of all major components, systems with Make & Model etc. Submission of technical leaflet/catalogue alone is not sufficient.	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	General Response like- 'As per NIT Specifications / Technical Leaflet', 'Noted' etc. or in any similar fashion is not acceptable. Quoting only the NIT stipulation without any confirmation of acceptance of the same and/or without any confirmation of offering the same is also not acceptable.	
26.1	Following documents shall be submitted along with technical bid for evaluation –	
a.	Technical leaflets with detailed specifications, Make & Model of chassis, engine, transmission, Power Take Off (PTOs), transfer case (if any), axle, suspension, steering, brake, pump, etc.	
b.	GA (General Arrangement) drawing of the offered complete unit (i.e. Truck with driver's cabin and all other items of the Multi-Purpose Pumping Unit etc.) illustrating major dimensions of the complete unit and indicating the position of all major components & their mounting on the vehicle.	
c.	Undertaking(s) for supply of spares and service as per clauses mentioned elsewhere in the tender document.	
d.	Specific description, quantity etc. of each and every spares (for bid evaluation) as detailed in the Operational Critical Spares List provided in para 10.2 above & Table-1 below.	
e.	List of Recommended Spares in para 10.3 above.	
f.	Checklist as per enclosed format shall be furnished along with the bid.	
g.	Any other document as applicable against clauses of this tender document.	
27.0	**DELIVERY PERIOD:**	
	In Case of Indian Bidder: Materials must be despatched within Fifteen (15) months from the date of placement of order by OIL. The date of clear Lorry Receipt (LR) or Consignment Note shall be considered as the date of delivery.	
	OR	
	In Case of Foreign Bidder: Materials must be delivered on FOB, Port of Shipment basis within twelve (12) months from the date of opening of Letter	

CLAUSE NO.	CLAUSE DESCRIPTION	BIDDER'S RESPONSE
	of Credit by OIL. The date of unambiguous Bill of Lading (B/L) shall be considered as the date of delivery.	
28.0	**PAYMENT TERMS:**	
	80% payment will be made against supply of materials and balance 20% after satisfactory commissioning at site along with the Commissioning charges after adjusting liquidated damages, if any. Payment towards training will be released after successful completion of training.	
29.0	**PENALTY DURING WARRANTY PERIOD:**	
	To keep the unit fully operational, in case of failure of any item during the warranty period, it shall be the supplier's responsibility to arrange replacement / repairing at site at their cost including customs, freight, etc. within a period of maximum three (03) weeks from the date of notification of such failure and warranty for such items shall be extended accordingly. In case failure of any item is not rectified within 3 weeks of notification then penalty at the rate of 0.5% of PO value per week subject to a maximum of 5 % of PO value shall be levied and warranty for such items shall be extended accordingly. This penalty amount shall be recovered from Performance security amount submitted by the successful bidder.	

TABLE-1: Ref. Clause No. 12.2 OPERATIONAL CRITICAL SPARES:

SECTION (A): AUTOMOBILE SPARE PARTS LIST:

Total No. of Multi-Purpose Pumping (MPPU) Units: 01 No.

Sl. No.	Item Description	Qty. for 01 No. unit (To be supplied along with the unit)
A	B	C
A.	**ENGINE:**	
1.	Fuel Filter	05 Nos.
2.	Engine Oil Filter	05 Nos.
3.	Air Filter Element	05 Nos.
4.	Fan Belt	04 Nos.
5.	Radiator Hose Set (Each set shall comprise of all upper & lower hoses)	02 Sets.
6.	Engine Mounting Set [Each set shall comprise of all the mountings (one each)]	01 Set.
7.	Radiator Assembly (Each Radiator Assembly shall consist of at least Top Tank, Radiator Core, Bottom Tank)	01 No.
8.	Water (Engine Coolant) Pump Assembly	01 No.
9.	Engine Oil Cooler Assembly	01 No.
B.	**ENGINE EXHAUST AFTERTREATMENT SYSTEM**	
1.	Diesel Exhaust Fluid (DEF) Filter	08 Nos.
2.	Diesel Particulate Filter	08 Nos.
3.	Nitrogen Oxide (NOx) Sensor	04 Nos.
C.	**TRANSMISSION:**	
C1.	**IN CASE OF AUTOMATIC TRANSMISSION:**	
1.	Transmission Filter (if any)	04 Nos.
2.	Transmission Mounting Set [Each set shall comprise of all the mountings (one each)]	01 Set.
3.	Gear Shifter Assembly (inside driver's Cabin)	01 No.
C2.	**IN CASE OF AUTOMATED TRANSMISSION:**	
1.	Transmission Filter (if any)	04 Nos.
2.	Transmission Mounting Set [Each set shall comprise of all the mountings (one each)]	01 Set.
3.	Gear Shifter Assembly (inside driver's Cabin)	01 No.
4.	Clutch Disc Assembly (if any)	01 No.
5.	Pressure Plate Assembly (if any)	01 No.
6.	Release Bearing (if any)	01 No.
7.	Release Bearing Fork (if any)	01 No.
D.	**POWER TAKE OFF (PTO):**	
1.	Oil Filter (if any)	04 Nos.
2.	Mounting Set [Each set shall comprise of all the mountings (one each)]	02 Sets
3.	Oil Seal Set	02 Sets.

Sl. No.	Item Description	Qty. for 01 No. unit (To be supplied along with the unit)
A	B	C
	[Each Set shall comprise of all seals (one each)]	
E.	**FRONT AXLE:**	
1.	Wheel Stud with Nuts (Right Side) (Each set shall comprise of all the studs & nuts for one wheel)	01 Set.
2.	Wheel Stud with Nuts (Left Side) (Each set shall comprise of all the studs & nuts for one wheel)	01 Set.
3.	Wheel Hub Bearing (Right Side)	02 Nos.
4.	Wheel Hub Bearing (Left Side)	02 Nos.
5.	Wheel Hub Oil Seal (Right Side)	02 Nos.
6.	Wheel Hub Oil Seal (Left Side)	02 Nos.
7.	Wheel Rim (Right Side)	01 No.
8.	Wheel Rim (Left Side)	01 No.
9a.	In case of Tube type Tyres: Tyre with Tube	01 No.
9b.	In case of Tubeless type Tyres: Tubeless Tyre	01 No.
F.	**REAR AXLE:**	
1.	Wheel Stud with Nuts (Right Side) (Each set shall comprise of all the studs & nuts for one wheel)	01 Set.
2.	Wheel Stud with Nuts (Left Side) (Each set shall comprise of all the studs & nuts for one wheel)	01 Set.
3.	Axle Stud with Nuts (Right Side) (Each set shall comprise of all the studs & nuts for one wheel)	01 Set.
4.	Axle Stud with Nuts (Left Side) (Each set shall comprise of all the studs & nuts for one wheel)	01 Set.
5.	Wheel Hub Oil Seal (Right Side)	04 Nos.
6.	Wheel Hub Oil Seal (Left Side)	04 Nos.
7.	Wheel Hub Bearing (Right Side)	04 Nos.
8.	Wheel Hub Bearing (Left Side)	04 Nos.
9.	Wheel Rim (Right Side)	04 Nos.
10.	Wheel Rim (Left Side)	04 Nos.
11a.	In case of Tube type Tyres: Tyre with Tube	02 Nos.
11b.	In case of Tubeless type Tyres: Tubeless Tyre	02 Nos.
12.	Differential Oil Seal Set [Each Set shall comprise of all seals (one each) of different differentials]	02 Sets.
13.	Differential Filter (if any)	02 Nos.
G.	**DRIVELINE (PROPELLER SHAFT):**	
1.	UJ Cross Assembly Set	02 Sets.

Sl. No.	Item Description	Qty. for 01 No. unit (To be supplied along with the unit)
A	B	C
	(Each set shall comprise all the different UJ crosses in complete required for the drivelines)	
2.	Centre Bearing with Rubber Cushion Assembly (if any)	01 No.
H.	**STEERING:**	
1.	Steering Oil Filter (if any)	02 Nos.
2.	Power Steering Hoses Set (Set shall comprise of all hoses used in steering system, one each)	01 Set.
3.	Steering Pump Assembly	01 No.
4.	Steering Gear Box Repair Kit (if any)	02 Sets.
I.	**BRAKE & PNEUMATICS:**	
1.	Foot Brake Valve- Assembly	01 No.
2.	Brake Servo Assembly - Front Wheel	04 Nos.
3.	Brake Servo Assembly - Rear Wheel	04 Nos.
4.	Air Dryer Assembly	02 Nos.
5.	Air Dryer Filter	08 Nos.
6.	Brake Shoe Assembly - Front Wheel	08 Nos.
7.	Brake Shoe Assembly - Rear Wheel	12 Nos.
8.	Pneumatic Circuit System Protection Valve	02 Nos.
9.	Relay Valves Set (Set shall comprise of all the different relay valves fitted in the vehicle, one each)	01 Set.
10.	Quick Release Valves Set (Set shall comprise of all different quick release valves fitted in the vehicle, one each)	01 Set.
J.	**ELECTRICAL:**	
1.	Engine Self Starter Assembly	01 No.
2.	Alternator Assembly	01 No.
3.	Wiper Motor Assembly	01 No.
4.	Wiper Blade with Arm (Left)	01 Set.
5.	Wiper Blade with Arm (Right)	01 Set.
6.	Head Lamp Assembly (Left)	01 No.
7.	Head Lamp Assembly (Right)	01 No.
K.	**SUSPENSION:**	
1.	Leaf Spring Assembly (Front) (Set shall comprise of all the different leaf springs forming the suspension)	01 Set.
2.	Leaf Spring Assembly (Rear) (If any, in case of Bogie Suspension) (Set shall comprise of all the different leaf springs forming the suspension)	02 Sets.
3.	Rear Air Suspension Bellow (If any, in case of Air Suspension)	08 Nos.
4.	Torque Rod Bushing	08 Nos.

SECTION (B): TRIPLEX PUMP SPARES LIST:

Sl. No.	Item Description	Qty. for 01 No. unit
A	B	C
1.	**Triplex pump repair kit containing the following:**	
i.	Bearing oil seal	01 No. each for DE & NDE.
ii.	Suction valve cover gasket	06 Nos. each.
iii.	Discharge valve cover gasket	06 Nos. each.
iv.	Packing, oil stop head	06 Sets.
v.	Seal, suction to fluid cylinder	06 Sets.
2.	Plunger	03 Nos.
3.	Stuffing box	03 Nos.
4.	Stuffing Box Seal	12 Nos.
5.	Complete Fluid Valve assy. including valve seat, spring etc.	
i.	Suction valve assy.	06 Nos.
ii.	Discharge valve assy	06 Nos.
6.	Fluid Valve with inserts as applicable,	
i.	Suction	06 Nos.
ii.	Discharge	06 Nos.
7.	Complete packing assembly	12 Nos.
8.	Complete Packing rings set	12 Sets
9.	Valve spring, suction and discharge	03 Nos. each.
10.	Pump lube oil filter	04 Nos.
11.	Packing Nut	04 Nos.
12.	Header Ring	03 Nos.
13.	Pressure Ring	06 Nos.
14.	Transmission oil filter	04 Nos.
15.	Heavy duty Pressure gauge	02 No.

SECTION (C): INSTRUMENTATION & CONTROL SYSTEM SPARES LIST:

Sl. No.	Item Description	Qty. for 01 No. unit
A	B	C
1.	All Temperature Sensors	2 each type.
2.	All Pressure Sensors	2 each type.
3.	BMS Controller	01 No.
4.	Temperature Controller	01 No.
5.	All Pressure Gauges	1 each type.
6.	All Temperature Gauges	1 each type.
7.	Flame Detectors	02 Nos.
8.	Ignition Transformer	01 No.
9.	Ignition Rod	02 Set.
10.	Inverter	01 No.
11.	SMPS	01 No.
12.	Solenoid Valves	1 each type.
13.	Toggle Switch	5 Nos.

Note:

1. All spares in specified quantity as indicated above shall be supplied along with the supply of the units.

2. Specific description, Quantity etc. of each item shall clearly be indicated in the technical bid. Make, Part Nos. etc. of each item shall be submitted by the supplier along with the supply.

3. Bidder shall also quote separately for any additional spares (except Truck) with similar details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in this list for future reference/ procurement. However, these additional spares, as suggested by the bidder will not be considered for Bid Evaluation purpose.

   The bidder is not required to quote for suggested additional spares for Truck for the purpose of this clause.

4. If any spares mentioned in above Tables is/are not required, the bidder must mentioned that the spares do not require for the unit.

5. In case the multiple quantity of an item named above is used in the Truck chassis of the Multi-Purpose Pumping Unit (MPPU) and the specifications of such item does not match with each other, then the supplier shall supply such item in a mixed manner comprising all the variants used in the Truck chassis of the Multi-Purpose Pumping Unit (MPPU). The supplier shall first try to supply all the variants of such item preferably in equal/proportional quantity of each of the variant used in the Truck chassis of the Multi-Purpose Pumping Unit (MPPU) as far as possible. However, the total quantity of such item to be supplied must not be less than the quantity mentioned in above.

6. In case the specifications of the item named above used in left & right side of the Axle System/Suspension System/Brake System of the Truck chassis of the Multi-Purpose Pumping Unit (MPPU) does not match with each other of that particular system, the supplier shall first try to supply all the variants of such item preferably in equal/proportional quantity of each of the variant used in the Truck chassis of the Multi-Purpose Pumping Unit (MPPU) as far as possible. However, the total quantity of such item to be supplied must not be less than the quantity mentioned in above.

A. REF. CLAUSE NO. 20.0 b.
SAMPLE COPY OF FORM- 21 (as referred above)

Following is a sample copy of **FORM 21** of Indian Motor Vehicle Act only. The certificate shall contain following minimum information –

FORM 21
[See Rules 47 (a) and (d)]
SALE CERTIFICATE

(To be issued by manufacturer ~~or dealer or registered E-rickshaw or E-cart Association (in case of E-rickshaw or E-cart) or officer of defence department (in case of military auctioned vehicles)~~ for presentation along with the application for registration of a motor vehicle)

Certified that ..... (Brand name of the vehicle) has been delivered by us to **OIL INDIA LIMITED** against Purchase Order No. .....

Name of the buyer **OIL INDIA LIMITED**
Son /wife / daughter .....
Address (Permanent) .....
(Temporary) .....

The vehicle is held under agreement of hire-purchase / lease / hypothecation with .....

The details of the vehicle are given below:

1.	Class of Vehicle	.....
2.	Maker's name	.....
3.	Chassis No.	.....
4.	Engine number ~~or motor number in case of Battery Operated vehicles~~	.....
5.	Engine ~~or Motor~~ Power	.....
6.	Cubic capacity	.....
7.	Fuel used	.....
8.	Number of cylinders	.....
9.	Month and year of manufacture	.....
10.	Seating capacity (including driver)	.....
11.	Unladen Weight	.....
12.	Maximum axle weight and number and description of tyres ~~(in case of transport vehicles)~~	.....
a.	Front axle	.....
b.	Rear axle	.....
c.	Any other axle	.....
d.	Tandem axle	.....
13.	Colour	.....
14.	Gross Vehicle Weight Rating	.....
15.	Type of body	.....
16.	Wheelbase	.....

*Strike out whichever is inapplicable.

B. REF. CLAUSE NO. 20.0 c.

SAMPLE COPY OF FORM- 22 (as referred above)

Following is a sample copy similar to **FORM 22** of Indian Motor Vehicle Act only. The certificate to be issued by supplier shall contain following minimum information. –

FORM-22
[See rules 47(1) (g)]
ROAD-WORTHINESS CERTIFICATE FOR
COMPLIANCE TO EMISSION AND NOISE STANDARDS
(To be issued by the manufacturer along with the vehicle)

It is certified that the following vehicle complies with the provisions of the Motor Vehicles Act, 1988 and rules made thereunder or international standard namely EEC / ECE Regulations:

1. Model/Commercial Name of the vehicle: .....
2. Chassis Number: .....
   [Example: Vehicle Identification Number (VIN)]
3. Engine ~~or Motor~~ Number: .....
4. Applicable Emission Norms: .....
5. Emission, Sound Level for Horn and Pass by noise values of the above vehicle model, obtained during Type Approval Testing as per Central Motor Vehicles Rules, 1989 or ECE/EEC Regulations are given below:

i. Type Approval Certificate No.: .....
ii. Type of Fuel: .....
iii. Emission values for vehicle: .....

TABLE
Positive Ignition Engine or Compression Ignition Engine Vehicle

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Value (upto 3 Decimal places)
(1)	(2)	(3)	(4)
1.	Carbon Monoxide (CO)	mg/km or mg/kWh or g/kWh	
2.	Hydrocarbon (THC/HC)	mg/km or mg/kWh or g/kWh	
3.	Non-Methane Hydrocarbon (NMHC)	mg/km or mg/kWh or g/kWh	
4.	Oxides of Nitrogen (NOx)	mg/km or mg/kWh or g/kWh	
5a.	HC+NOx	mg/km or mg/kWh or g/kWh	
5b.	THC+NOx	mg/km or mg/kWh or g/kWh	
6.	Methane (CH4)	mg/kWh	
7.	Ammonia (NH3)	PPM	
8.	Mass of Particulate Matter (PM)	mg/km or mg/kWh or g/kWh	
9.	Number of Particles (PN)	Numbers/km or Numbers/kWh	

iv. Noise level (as applicable):

a. Horn (for all vehicles other than agricultural tractors and construction equipment vehicles) as installed on the vehicle: ..... dB (A); (upto 1 decimal place)

b. Pass by or Bystander's position: ..... dB(A)

~~c. Driver perceived or Operator's ear level (as applicable for agricultural tractors and construction equipment vehicles: ..... dB (A)~~

(Facsimile Signature of Manufacturer)

Note 1: This Form shall be issued with signature of the manufacturer duly printed in the Form itself by affixing facsimile signature in ink under the hand and seal, as applicable.

Note 2: In case of multiple combinations, values pertaining to any one test result in the test report to be provided. For V2, V3 cases- average value of the test result in the test report to be provided.

Note 3: While printing Form 22, the relevant pollutants in the table as applicable for the subject vehicles may only be listed.

C. REF. CLAUSE NO. 20.0 c.
SAMPLE COPY OF FORM 22-A

Following is a sample copy of **FORM 22-A (Part – I) & FORM 22-A (Part – II) of Indian Motor Vehicle Act** only. The certificate shall contain following minimum information. –

FORM 22-A
[See Rules 47 (g), 115, 124(2), 126-A and 127]
INITIAL CERTIFICATE OF COMPLIANCE WITH POLLUTION STANDARDS, SAFETY STANDARDS OF COMPONENTS AND ROAD WORTHINESS
(FOR VEHICLES WHERE BODY IS FABRICATED SEPARATELY)
PART – I
(**TO BE ISSUED BY THE MANUFACTURER**)

Certified that the following vehicle complies with the provisions of the Motor Vehicles Act, 1988 and the rules made there under or international standard namely EEC / ECE Regulations, including the following mass emission norms:

1. Brand name of the vehicle : .....
2. Chassis number : .....
3. Engine number/~~Motor number (In case of battery operated vehicles)~~ : .....
4. Emission norms : .....

(Signature of Chassis Manufacturer)

Form 22-A (Part I) shall be issued with the signature of the manufacturer duly printed in the Form itself by affixing facsimile signature in ink under the hand and seal of the manufacturer.

FORM 22-A
[See Rules 47 (g), 115, 124(2), 126-A and 127]
INITIAL CERTIFICATE OF COMPLIANCE WITH POLLUTION STANDARDS, SAFETY STANDARDS OF COMPONENTS AND ROAD WORTHINESS
(FOR VEHICLES WHERE BODY IS FABRICATED SEPARATELY)
PART – II
(**TO BE ISSUED BY THE BODY BUILDER**)

Certified that body of the following vehicle has been fabricated by us and the same complies with the provisions of Motor Vehicles Act, 1988 and Rules made there under or international standard namely EEC / ECE Regulations:

1. Brand name of the vehicle : .....
2. Chassis number : .....
3. Engine number/~~Motor number (In case of battery operated vehicles)~~ : .....
~~4. Bus Body Builder Accreditation Certificate Number~~ : .....

(Signature of Body Builder)

Form 22-A Part II shall be issued with the signature of the body builder duly printed in the Form itself by affixing facsimile signature in ink under the hand and seal of the body builder.

****

Annexure – II

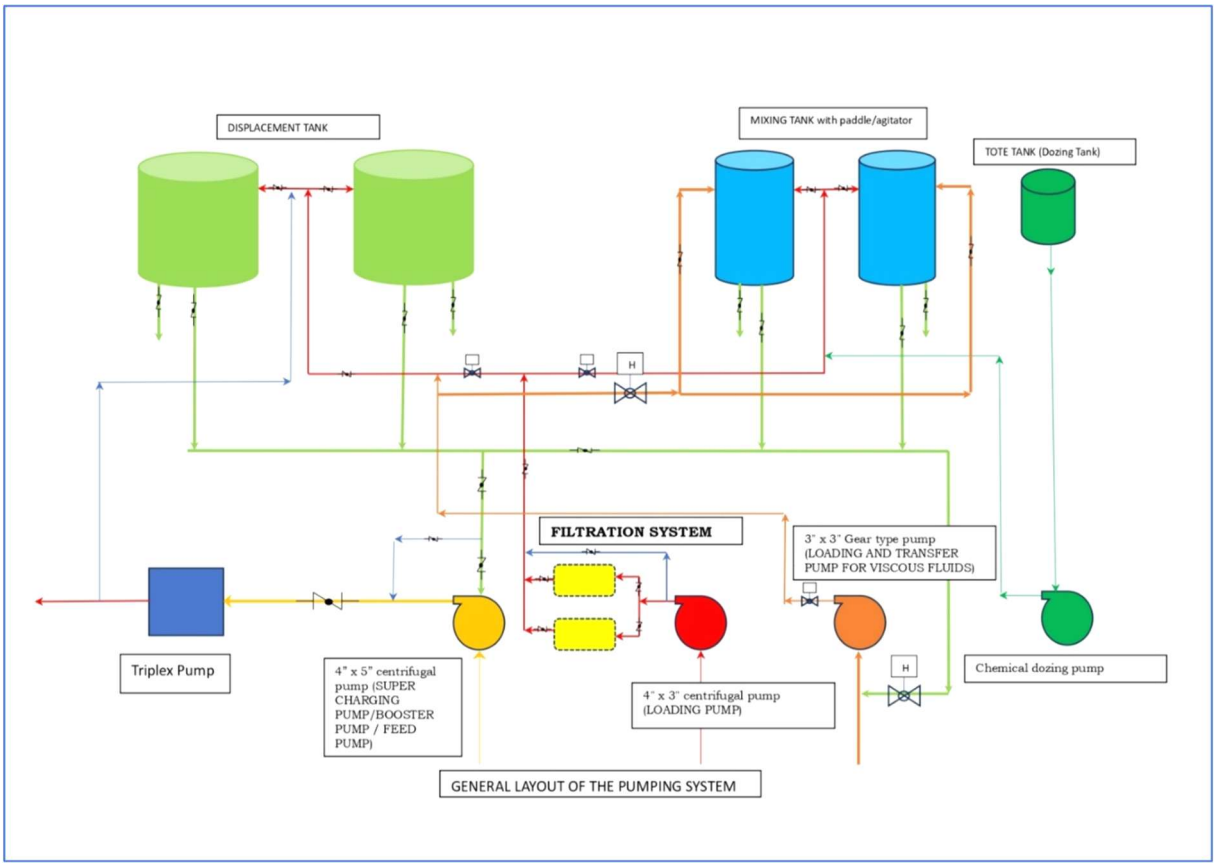


Figure – I

Note: The general layout of the pumping system is for understanding of the bidder only.