Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5457953
Dated/दिनांक : 01-10-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	12-11-2024 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	12-11-2024 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Petroleum And Natural Gas
Department Name/विभाग का नाम	Oil India Limited
Organisation Name/संगठन का नाम	Oil India Limited
Office Name/कार्यालय का नाम	Oil India Limited
Total Quantity/कुल मात्रा	7
Item Category/मद केटेगरी	LP Booster Compressor , Gas Lift Compressor
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Gas Lift Compressor
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	CNG Compressor (HPCL), Advanced Dental Chair, Vehicle Lift, Screw Compressor, Single Burner Gas Range (for Deep Fryer), Compressor oils, HYDRAULIC LADDER, Scissor Lift (V2), Self Propelled Tree Maintenance Platform, Electric Traction Lifts
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	• Reciprocating Air Compressors - Electric Motor Driven
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

Bid Details/बिड विवरण	
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	LP Booster Compressor
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Payment Timelines	Payments shall be made to the Seller within **30** days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाईजरी बैंक	ICICI
Schedule 1 EMD Amount/ईएमडी राशि (In INR)	1910000
Schedule 2 EMD Amount/ईएमडी राशि (In INR)	10600000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	ICICI
ePBG Percentage(%)/ईपीबीजी प्रतिशत (%)	5.00

Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	22

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). The EMD Amount will be applicable for each schedule/group selected during Bid creation.

(c). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

GMFA
Oil India Limited, Duliajan, Assam 786602. Email : tuhin_roy@oilindia.in; Details of Beneficiary : OIL INDIA, Bank Name : ICICI BANK LTD, Branch Name :Duliajan, IFSC Code ICIC0000213, Unique identifier code (Field 7037) : OIL503988890, Company name : Oil India Limited Type of Account :Current
(Gmfa)

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes

1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are

excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
4. **Inspection of Stores by Nominated Inspection Authority / Agency of buyer or their authorized representatives**

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer .If so requested and accepted by the seller , initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer . For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer, all reasonable facilities as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply. The decision of the purchaser representative /inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises, the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.

Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
24-10-2024 09:00:00	CORPORATE OFFICE, OIL INDIA LIMITED, NOIDA -201301

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Lp Booster Compressor	1
Schedule 2	Gas Lift Compressor	6

LP Booster Compressor (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Chandana Phukan	786602,Oil India Limited, Duliajan, Assam	1	540

Gas Lift Compressor (6 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Chandana Phukan	786602,Oil India Limited, Duliajan, Assam	6	540

Buyer added Bid Specific Additional Scope of Work

S.No.क्र.सं.	Document Title	Description	Applicable/रिवर्स प्रभार के अनुसार जीएसटी i.r.o. Items
1	Scope of supply View	Scope of supply	LP Booster Compressor(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. **Generic**

   OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.

4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for attached categories, trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्यम)
Oil India Limited
(A Government of India Enterprise)

Conquering Newer Horizons

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

FORWARDING LETTER & INSTRUCTION TO BIDDERS

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 Maharatna 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.

In connection to its operations, OIL invites **DOMESTIC COMPETITIVE BIDS** from competent and experienced bidders through GEM portal for the items mentioned below. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through GEM portal. For your ready reference, few salient points of the Tender are highlighted below.

TENDER INFORMATION SUMMARY

1A	Bid Security	:	**Applicable** Bid Security if submitted in the form of BG/e-PBG must be valid at least for a period of 6 months from the date of original bid closing date of the tender i.e. valid upto 31.05.2025. ***NOTE:*** **Original Bank Guarantee will have to be submitted directly to OIL on or before the Bid closing date and time, failing which the bid may be rejected.**
1B	Bid Security Declaration	:	Not Applicable
2	Performance Guarantee	:	**Applicable @ 5 % of Order value for PO value more than Rs. 10.00 Lakhs**
3	Integrity Pact	:	Applicable
4	MSE Purchase Preference	:	Applicable
5	PPP-MII Purchase Preference	:	Applicable
6	Preference to domestically manufactured Iron and Steel product (DMI&SP Policy)	:	Not Applicable
7	Restrictions on procurement from a bidder of a country which shares a land border with India	:	Applicable
8	Pre despatch inspection	:	Applicable
9	Third party inspection (TPI)	:	Not Applicable
10	Installation & Commissioning	:	Applicable
11	Training	:	Applicable
12	Annual Maintenance Contract	:	Not Applicable
13	OIL's PR No.	:	1427077. FP-07 ***Quote this reference number for all correspondence with OIL.***

LIST OF ANNEXURES/PROFORMAS

ANNEXURES		
Annexure – I	:	Technical Specifications, Scope of Work, Special terms & Conditions etc.
Annexure – II	:	Price Break up
Annexure – III	:	Bid Evaluation Criteria / Bid Rejection Criteria (BEC/BRC)
Annexure – IV	:	Technical & Commercial Checklist
Annexure – V	:	General Conditions of Contract (GCC) & Special Conditions of Contract (SCC)
Annexure – VI	:	Bid Evaluation Matrix (Technical Specification)
Annexure – VII	:	Bid Evaluation Matrix (Bid Rejection Criteria)
Annexure – VIII	:	Policy for providing preference to Domestically Manufactured Iron & Steel Products (DMI & SP)
Annexure – IX	:	General Conditions of Contract *(For all services to be rendered including AMC)*
PROFORMAS		
Proforma – A	:	Format for undertaking towards compliance of Financial Criteria
Proforma – B	:	Format for Annual Turn Over and Net Worth Certificate
Proforma – C	:	Format for Corporate Guarantee towards Financial Standing
Proforma – D	:	Format for Integrity Pact
Proforma – E(I), E(II), E(III)	:	Formats for undertaking towards compliance of restriction on procurement from a bidder of a country which shares a land border with India
Proforma – F	:	Format for Performance Security
Proforma – G A	:	Format for Bid Security
Proforma – G B	:	Format for Bid Security Declaration
Proforma – H		Format for undertaking towards submission of authentic information/ documents
Proforma – I		Format for Authorization letter For attending Tender Opening
Proforma – J		Format for Exception / Deviation
Proforma – K		Format for Undertaking For Local Content
Proforma – L		Format for Power of Attorney / Authorization letter (Regarding authority for submission of bid)
Proforma – M		Format for Bidders financial standing
Proforma – N		Format for declaration of Blacklisting / Holiday Listing/ NCLT / NCLAT /DRT /DRAT/ Court Receivership/ Liquidation

ANNEXURE – I

TECHNICAL SPECIFICATION/SCOPE OF WORK/SPECIAL TERMS & CONDITIONS

Item no.	Item Description	Qty
1	LP Booster Compressor	1 No.
2	Gas Lift Compressor	6 Nos.

AA) TECHNICAL SPECIFICATIONS

Clause No.	Clause Description	BIDDER'S RESPONSE (COMPLIED/NOT COMPLIED/DEVIATION/NOT APPLICABLE) REMARKS
	Technical Specifications and other Details as per Annexure – AAA enclosed	
AB	**GENERAL TERMS AND CONDITIONS.**	
	1. The item(s) shall be brand new, unused & of prime quality. Bidder shall warrant (in the event of an order) that the product sullied will be free from all defects & fault in material., workmanship & manufacture and shall be full conformity with ordered specifications. This clause shall be valid for 18 months from the date od dispatch/shipment or 12 months from the date of commissioning whichever is earlier. The defective item(s), if any, rejected by us shall be replaced by the supplier at their own expenses. Bidder must confirm the same while quoting. 2. The Bidder should indicate the dimension and weight of the offered item(s), the name of the manufacturer, the country of origin and the port of dispatch of the item(s). 3. Any deviation(s) from the tender specification should be clearly highlighted specification justification in support of deviation. 4. Bidder to sign and submit completely filled up Technical Evolution Matrix for Bid evaluation criteria and Technical specification. 5. PAYMENT TERMS- 80% payment will be made against supply of materials and balance 20% after satisfactory completion of installation & commissioning at site along with installation & commissioning & training charges after adjusting liquidated damages, if any.	

	6. Bidder should categorically confirm in the technical bid to deliver the items as per delivery schedule mentioned in the tender. **7. Unloading at Oil India Limited, Duliajan, Assam:** All the Goods in the GeM shall be offered on Free Delivery at Site basis including unloading. HOWEVER, OIL SHALL PROVIDE CRANE FOR UNLOADING OF ITEMS ONLY. Supplier shall depute adequate crew, who has experience of unloading of items at Destination (Duliajan) with necessary safety gears i.e. helmet, safety boots, hand gloves etc. at unloading point. The safety of the crew deputed by the supplier shall entirely be the responsibility of supplier and therefore they shall take all necessary measures/precautions to ensure that no injuries occur to personnel or property. Supplier must ensure that the crew involved for unloading are properly trained on the procedures and aware of the potential hazards while handling the items. 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.	

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BB: PRE-BID CONFERENCE:

a) Pre-Bid Conference is scheduled to be held at **CORPORATE OFFICE, OIL INDIA LIMITED, NOIDA -201301** tentatively on **24-10-2024 & 25-10-2024** 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 Three (3) 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 addressed to tuhin_roy@oilindia.in.
Date of Pre-bid Conference	24-10-2024 & 25-10-2024
Venue	**CORPORATE OFFICE, OIL INDIA LIMITED, NOIDA - 201301**
Last date for receipt of Pre-bid participation confirmation	22-10-2024
Time of Pre-bid Conference	09.00 Hours (IST)

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ANNEXURE-II

PRICE BREAK UP

A) PRICE BREAK UP OF ITEMS WHOSE COST IS TO BE INCLUDED IN "GEM PRICE SCHEDULE"

	Item 1	**Item 2**
(A) Total cost of 1 (One) No. Compressor Package (In INR)		
(B) Quantity (In Nos)	**1**	**6**
(C) Cost of one set of Commissioning spares for Compressor Package (In INR)		
(D) Grand Total Material Cost (In INR) { (A X B) + C }	-	-
(E) Total Packing and Forwarding Charges (In INR)		
(F) Total Ex-works value (In INR), (D + E)	-	-
(G) Total IGST against Essentiality Certificate @ 12% on (F) above (In INR)	-	-
(H) Total FOR Despatching station price, (F + G) (In INR)	-	-
(I) Total Freight and Transit Insurance charges upto Destination including GST (In INR)		
(J) Total Installation & Commissioning & Training charges including GST (In INR)	-	-
(K) Grand Total FOR Duliajan value (H+I+J) (In INR) above.	-	-

Detailed Price break-up of above items to be provided as above in Priced bid only.

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B) PRICE BREAK UP OF ITEMS WHOSE COST IS NOT TO BE INCLUDED IN "GEM PRICE SCHEDULE"

Item no.	**Item Description**	**Qty**	**Unit Price including GST (In Rs)**	**Applicable GST rate**
	Cost of Recommended Spares			

Notes:

1. ***Price break-up to be provided as above, if asked for in the tender.***
2. ***Bidders should fill up, sign and upload this price break up under "Financial documents" of GEM Priced bid only. The price breakup should not be uploaded under GEM Technical bid as it shall lead to rejection of the bid.***

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ANNEXURE – III

BID REJECTION CRITERIA (BRC) / BID EVALUTION 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.

Sl. No.	DESCRIPTION	Bidder's Comments (Confirmed/ Submitted/ Deviation etc.)

A.1 BRC – TECHNICAL.

A 1.0 The Compressor Unit shall conform to API 11 P of 1989/ISO 13631. The bidder shall furnish the technical information in API packaged data sheet of API Standard 11 P/ISO13631.

A 2.0 The gas compressor package skid shall be concrete filled type suitable for installation on relatively soft gravel packed area without concrete foundation.

A 3.0 Bidders must quote for full quantity of same make and model of Compressors and other ancillaries/accessories against each duty of compressors i.e. LPB (Low Pressure Booster) - Item 1 & GL (Gas Lift) - Item 2.

A 4.0 The bidder shall offer only the compressor frame/model which are proven for applications of Field Gas Gathering / pipelines compression. At least 2 (two) such compressors of each duty (i.e. LPB & GL) should have operated 8000 hours individually and satisfactorily.

Documentary evidence in support of the above shall be submitted along with the bid in the form of valid purchase order copies, invoice/ performance report/ inspection report / bill of lading.

B. BIDDER'S QUALIFICATION CRITERIA:

B 1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of reciprocating Gas Compressors as per API 11P /ISO 13631.

OR

B 1.2 The bidder shall be an authorized packager of the OEM of the Gas Compressor Manufacturer.

Note:

a) Bidders other than OEMs must submit a valid Authorization letter and back-up warranty from the compressor manufacturer.
b) The Authorization letter must be duly sealed & signed by the Manufacturer on their official letter head
c) The packager shall categorically confirm in their technical bid that there will be no change of the proposed OEM after submission of the bid.

C. BIDDERS' EXPERIENCE:

C 1.1 In case the Bidder is an **Original Equipment Manufacturer (OEM)** of Reciprocating Gas Compressors, the bidder shall have the experience of successful Engineering, Manufacturing, Packaging, Supply, Installation and commissioning for 1 (One) no. similar items of tender item sl. No. 1 (i.e. Low Pressure Booster Compressor) and / or 3 (Three) nos. of similar items of tender item sl. No. 2 (i.e. Gas Lift Compressor) in last 10 (Ten) years preceding the bid closing date of this tender to any E&P company, or service provider to an E&P company or Natural Gas Transportation Company. Documentary evidences in this regard must be submitted along with the Technical Bid as per Para A.5.

If the bidder quotes for both the items sl. No. 1 & 2, then bidder to submit documents against Bidder's experience for 1 (One) no. similar items of tender item sl. No 1 and

experience for 3 (Three) nos. similar items of tender item sl. No 20 i.e. Total 1 + 3 = 4 Nos.

If the bidder quotes only for items sl. No. 1 then bidder to submit documents against Bidder's experience for 1 (One) no. similar items of tender item sl. No 1 only.

If the bidder quotes only for items sl. No. 2 then bidder to submit documents against Bidder's experience for 3 (Three) nos. similar items of tender item sl. No 2 only.

C 1.2 In case the Bidder is an authorized **Packager of the Original Equipment Manufacturer (OEM)** of Gas Compressor, the following criteria shall be met by the Bidder and the OEM:

i) The Bidder as a **Packager** shall have the experience of Engineering, Manufacturing, Packaging, Supply, Installation and commissioning for 1 (One) no. of similar items to tender item sl. No. 1 (i.e. Low Pressure Booster Compressor) and / or 3 (Three) nos. of similar to tender item sl. No. 2 (i.e. Gas Lift Compressor) (manufactured by either the proposed OEM in the last 10 (Ten) years preceding the bid closing date of this tender to any E&P company or service provider to an E&P company or Natural Gas Transportation Company. Documentary evidences in this regard must be submitted along with the Technical Bid as per Para A.5.

Similar item to Tender items is defined as below:

a) The Tender Item sl. No. 1 (Low Pressure Booster) means Gas Engine Driven Separable High Speed (As per API 11P /ISO 13631) Reciprocating Gas Compressor Units of minimum duty of 400 HP with ***concrete filled skids without anchor bolts.*** At least 1 (One) such unit should have operated 8000 hours individually in last 10 years from the date of Original Bid Closing Date (B.C.D.).

b) The Tender Item sl. No. 2 (Gas Lift Compressor) means Gas Engine driven Separable High Speed (As per API 11P/ISO 13631) Reciprocating Gas Compressor Units of minimum duty of 400 HP with ***concrete filled skids without anchor bolts .*** At least 3 (three) such units should have operated 8000 hours individually in last 10 years from the date of Original Bid Closing Date (B.C.D.).

D. In case the Bidder has relevant experience in engineering, packaging, supply, installation & commissioning of Reciprocating Gas Compressor Units (As per API 11P/ISO 13631) **but not having the experience** of ***concrete filled skids without anchor bolts.*** Then

D 1.1 The bidder having relevant experience in engineering, packaging, supply, installation & commissioning of Reciprocating Gas Compressor Units (As per API 11P/ISO 13631) but **not having the experience** of ***concrete filled skids without anchor bolts*** may take support from a party who is having the proven capability of design of concrete filled skids for reciprocating gas compressor packages of minimum duty of 400 HP.

In this case bidder to provide documentary evidence regarding the experience of engineering, packaging, supply, installation and commissioning of at least 1 (One) no. of similar gas compressor units for line item 1 and at least 3 (three) nos. of similar gas compressor units for line item 2 of the tender of minimum 400 HP which have operated 8000 hours individually in last 10 years from the date of original bid closing. Documentary evidences in this regard must be submitted along with the Technical Bid as per Para A.5

Similar Items is defined as:

a) The Tender Item sl. No. 1 (Low Pressure Booster) means Gas Engine Driven Separable High Speed (As per API 11P /ISO 13631) Reciprocating Gas Compressor Units of minimum duty of 400 HP**.** At least 1 (One) no. unit should have operated 8000 hours individually in last 10 years from the date of Original Bid Closing Date (B.C.D.)

b) The Tender Item sl. No. 2 (Gas Lift) means Gas Engine Driven Separable High Speed (As per API 11P /ISO 13631) Reciprocating Gas Compressor Units of minimum duty of 400 HP**.** At least 3 (Three) such units should have operated 8000 hours individually in last 10 years from the date of Original Bid Closing Date (B.C.D.).

D 1.2 The bidder shall have to provide undertaking to carryout design, analysis, and technical supervision during fabrication, installation and commissioning of the Concrete filled skid without anchor bolts through outsourcing to experienced sub-vendor.

The bidder to provide documentary evidence towards the experience of the sub-vendor in regard to successful design and analysis of concrete filled skids without anchor bolts for minimum 4 (Four) nos. High speed reciprocating gas compressor packages (As per API 11P/ ISO 13631) of minimum duty of 400 HP in last 5 (Five) years.

The documentary evidence shall be valid purchase order with technical details showing that the Gas Compressor Concrete filled skid design was without anchor bolts and was successfully carried out by the sub-vendor along with performance certificate from the operator/owner that the units have operated at least 8000 Running hours successfully and as proof of execution of order, copy of invoice or Final inspection report from client is to be submitted.

D 1.3 Offers of those Bidders who themselves do not meet the technical experience criteria as stipulated in the **clause no. C** above shall also be eligible provided the Bidder is a subsidiary company of the parent company in which the parent company has 100% stake or parent company can also be considered on the strength of its 100% subsidiary. However, the parent/ subsidiary company of the Bidder should on its own meet the technical experience as stipulated in the **clause no. C** above and must not rely for meeting the technical experience criteria on its sister subsidiary/ co-subsidiary company or through any other arrangement like Technical Collaboration agreement. In that case as the subsidiary company is dependent upon the technical experience of the parent company or vice-versa with a view to ensure commitment and involvement of the parent/ subsidiary company for successful execution of the contract, the participating bidder should enclose an Agreement (as per format enclosed at Attachment – I) between the parent and the subsidiary company or vice-versa and Parent/ Subsidiary Guarantee (as per format enclosed at Attachment – II) from the parent/ subsidiary company to OIL for fulfilling the obligation under the Agreement, along with the techno-commercial bid.

A.5 NOTES TO BIDDER REGARDING EXPERIENCE CRITERIA

A.5.1 The following documentary evidences to substantiate above Bidders experience records (C & D as applicable) of the Bidder must be submitted along with the technical bid, failing which the Bid shall be treated as incomplete and rejected:

(a) Copy of Purchase order(s)/contract(s) awarded by Client(s) along with True copies of Original Completion report/performance certificate from the clients mentioning the Operating Running Hours (on Client's/User's official letter head with signature & stamp) duly notarized by Government Notary.

(b) The detailed scope of works with technical specification mentioning the concrete filled skids without anchor bolts. The Bidder has the onus of submitting required documents to fulfil the experience criteria.

And

(c) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -

Copy of Bill of Lading
OR
Copy of Consignee delivery receipts/challans
OR
Copy of Tax Invoice/Excise Gate Pass issued under relevant Act/rules
OR
Copy of Commercial Invoice/Payment Certificate

A.5.2 The date of purchase order(s)/contract(s) need not be within Ten (10) years preceding the original bid closing date of the Tender, but execution/ supply of required quantity must be within Ten (10) years preceding the original bid closing date of this tender.

A.5.3 The service provider to an E&P company shall mean company who has bought the tender item (Gas Compressor package) and has provided service to an E&P company utilizing the tender item (Gas Compressor Package).

A.5.4 In case experience credentials is submitted for past supply to a service provider, the submitted documents 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 also acceptable as experience credential.

A.6 Bidders shall categorically confirm that installation and commissioning of the compressor packages with all accessories shall be carried out by their competent personnel at OIL's installations in and around Duliajan, Assam (India) and its adjoining fields/ out step locations. The units will be installed as replacement in the existing stations as well as in new installations.

A.7 The bidder shall warrant that in the event of an order, all product(s) supplied shall be new and free from all defects and fault in material, workmanship, & manufacture and shall be in full conformity with the applicable API specification. The clause shall be valid for 12 months from the date of successfully commissioning of the units.

A.8 The bidder shall have single point responsibility for designing, engineering, packaging, supply, installation and commissioning of the complete package.

A.9 The bidder shall have to provide process guarantee that the Gas Compressor Package will meet the tender technical requirements.

A.10 The bidder must agree to the delivery date mentioned in the tender.

A.2 BRC - <u>FINANCIAL</u>

1.0 The bidder must have annual financial turnover from Operations of minimum **INR 31.18 Crores** in 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 should 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 certifying **<u>(PROFORMA - A)</u>** that 'the balance sheet/Financial Statements for the financial year….. (As the case may be) has actually not been audited so far'.

<u>Note:</u>

a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the 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 **<u>PROFORMA - B</u>**.

OR

ii) Audited Balance Sheet along with Profit & Loss account.

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 of Balance Sheet and Profit & Loss Account. 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 100% 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 should be in line with Para **A.2 (1.0)** above.

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

(iii) Corporate Guarantee **(PROFORMA - C)** on parent/ultimate parent/holding company's 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) Documents to substantiate that the bidder is as 100% subsidiary of the parent/ultimate parent/holding company.

A3. **BRC - COMMERCIAL:**

1.0 Bids are invited under SINGLE STAGE TWO BID SYSTEM. Bidders should upload Techno-Commercial Bid (Unpriced Bid) and Priced Bid separately at the designated fields assigned in GeM Portal. 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. 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 discounts.

3.0 Bids received in physical form 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 Bidders must confirm that goods/materials to be supplied against the order arising out of this tender shall be of recent make, unused, of the best quality & workmanship and free from defects. The Bidder must undertake to stand guaranteed for the materials as called for in the tender. Defective goods/materials rejected by OIL, whether the entire lot or part thereof, shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.

7.0 Successful bidder will be required to furnish Performance Bank Guarantee @ 5 % of Purchase order value during warranty period to be submitted after receipt of PO. The Performance Security must be valid for 3(three) months beyond the Warranty period indicated in the Purchase Order/contract agreement.

The Performance Security must be valid for a period as called for in the tender document. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected. (Please refer Annexure – III: GENERAL NOTES TO BIDDERS)

8.0 Bids must be accompanied by Bid Security for the amount as mentioned in the tender document and shall be in the prescribed format (PROFORMA – G) if submitted in the form of Bank Guarantee (BG). Bid Security may also be paid through online payment mode. Bid Security must be submitted within the scheduled Bid Closing date and time of the Tender. The amount of Bid Security (EMD) must be strictly as specified in the tender document.

Bid Security if submitted in the form of BG/e-PBG must be valid at least for a period of 6 months from the date of original bid closing date of the tender. Bid shall be rejected without further reference, if the Bid Security (EMD) is not received strictly as above, except where exempted. OIL will not assume any responsibility whatsoever for submission of deficient/faulty Bid Security or for delay/non-delivery of the same. (Please refer Annexure – III: GENERAL NOTES TO BIDDERS)

9.0 Bid must be uploaded together with the Integrity Pact (If applicable against the tender) and the same must be duly signed digitally. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact, their bid shall be rejected straightway. (Please refer Annexure – III: GENERAL NOTES TO BIDDERS)

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) In case 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 Bids will be evaluated item-wise. i.e. Item No 1 & 2 shall be evaluated independently. The quantity of Item 2 is non splitable i.e. PO for 6 Nos shall be placed on L1 bidder of Item 2.

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Attachment – I

FORMAT OF AGREEMENT BETWEEN BIDDER AND THEIR PARENT COMPANY / *100% SUBSIDIARY COMPANY (As the case may be)*

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

This agreement made this ___ day of ____ month ____ year by and between M/s. _____ (Fill in the Bidder's full name, constitution and registered office address) hereinafter referred to as bidder on the first part and M/s. _____ (Fill in full name, constitution and registered office address of Parent Company/Subsidiary Company, as the case may be) hereinafter referred to as "Parent Company/ Subsidiary Company (Delete whichever not applicable)" of the other part:

WHEREAS

M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their tender No. _____ for _____ and

M/s. _____(Bidder) intends to bid against the said tender and desires to have technical support of M/s. _____[Parent Company/ Subsidiary Company-(Delete whichever not applicable)] and whereas Parent Company/ Subsidiary Company (Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the services as required by the bidder for successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed to by and between the parties as follows:

1. M/s._____(Bidder) will submit an offer to OIL for the full scope of work as envisaged in the tender document as a main bidder and liaise with OIL directly for any clarifications etc. in this context.

2. M/s. _____ (Parent Company/ Subsidiary Company (Delete whichever not applicable) undertakes to provide technical support and expertise, expert manpower and procurement assistance and project management to support the bidder to discharge its obligations as per the Scope of work of the tender / Contract for which offer has been made by the Parent Company/Subsidiary Company (Delete whichever not applicable) and accepted by the bidder.

3. This agreement will remain valid till validity of bidder's offer to OIL including extension if any and till satisfactory performance of the contract in the event the contract is awarded by OIL to the bidder.

4. It is further agreed that for the performance of work during contract period bidder and Parent Company/Subsidiary Company (Delete whichever not applicable) shall be jointly and severely responsible to OIL for satisfactory execution of the contract.

5. However, the bidder shall have the overall responsibility of satisfactory execution of the contract awarded by OIL.

In witness whereof the parties hereto have executed this agreement on the date mentioned above.

For and on behalf of	For and on behalf of
(Bidder)	(Parent Company/Subsidiary Company (Delete whichever not applicable)
M/s.	M/s.
Witness:	Witness:
1)	1)
2)	2)

&&&&&&&&&&&

Attachment – II

PARENT COMPANY/ SUBSIDIARY COMPANYGUARANTEE *(Delete whichever not applicable)*

(TO BE EXECUTED ON STAMP PAPER OF REQUISITE VALUE AND NOTORISED)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at …….. this …….. day of …… by M/s …… (mention complete name) a company duly organized and existing under the laws of ……. (insert jurisdiction/country), having its Registered Office at …… hereinafter called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS

M/s Oil India Limited, a company duly registered under the Companies Act 1956, having its Registered Office at Duliajan in the State of Assam, India, hereinafter called "OIL" which expression shall unless excluded by or repugnant to the context thereof, be deemed to include its successor and assigns, invited tender number …… for …….. on ……..

M/s …….. (mention complete name), a company duly organized and existing under the laws of …….. (insert jurisdiction/country), having its Registered Office at …….. (give complete address) hereinafter called "the Company" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successor and permitted assigns, have, in response to the above mentioned tender invited by OIL, submitted their bid number …… to OIL with one of the condition that the Company shall arrange a guarantee from its parent company guaranteeing due and satisfactory performance of the work covered under the said tender including any change therein as may be deemed appropriate by OIL at any stage.

The Guarantor represents that they have gone through and understood the requirement of the above said tender and are capable of and committed to provide technical and such other supports as may be required by the Company for successful execution of the same.

The Company and the Guarantor have entered into an agreement dated …….. as per which the Guarantor shall be providing technical and such other supports as may be necessary for performance of the work relating to the said tender.

Accordingly, at the request of the Company and in consideration of and as a requirement for OIL to enter into agreement(s) with the Company, the Guarantor hereby agrees to give this guarantee and undertakes as follows:

1. The Guarantor (Parent Company / ***100% Subsidiary Company (Delete whichever not applicable***) unconditionally agrees that in case of non-performance by the Company of any of its obligations in any respect, the Guarantor shall, immediately on receipt of notice of demand by OIL, take up the job without any demur or objection, in continuation and without loss of time and without any cost to OIL and duly perform the obligations of the Company to the satisfaction of OIL.
2. The Guarantor agrees that the Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Company.

3. The Guarantor shall be jointly with the Company as also severally responsible for satisfactory performance of the contract entered between the Company and OIL.

4. The liability of the Guarantor, under the Guarantee, is limited to the 50% of the contract price entered between the Company and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Company.

5. The Guarantor represents that this Guarantee has been issued after due observance of the appropriate laws in force in India. The Guarantor hereby undertakes that the Guarantor shall obtain and maintain in full force and effect all the governmental and other approvals and consents that are necessary and do all other acts and things necessary or desirable in connection therewith or for the due performance of the Guarantor's obligations hereunder.

6. The Guarantor also agrees that this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of ……., India.

7. The Guarantor hereby declares and represents that this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.

8. The Guarantor represents and confirms that the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

For & on behalf of (Parent Company/Subsidiary Company (Delete whichever not applicable))

M/s _____

Witness: Signature _____

1. Signature _____ Name _____

Full Name _____ Designation _____

Address_____

Common seal of the Company_____

Witness:

2. Signature _____

Full Name _____

Address_____

INSTRUCTIONS FOR FURNISHING PARENT/SUBSIDIARY COMPANY GUARANTEE

1. Guarantee should be executed on stamp paper of requisite value and notarised.

2. The official(s) executing the guarantee should affix full signature (s) on each page.

3. Resolution passed by Board of Directors of the guarantor company authorizing the signatory(ies) to execute the guarantee, duly certified by the Company Secretary should be furnished alongwith the Guarantee.

4. Following certificate issued by Company Secretary of the guarantor company should also be enclosed alongwith the Guarantee.

   "Obligation contained in the deed of guarantee No._____ furnished against tender No. _____ are enforceable against the guarantor company and the same do not, in any way, contravene any law of the country of which the guarantor company is the subject"

****

APPENDIX-B1

Format of Authorization & Backup Warranty by Manufacturers to Sole Selling Agent/Dealer / Distributer

(To be typed on the letter head of the Manufacturers)

Ref. No_____ Date _____

Sub: Authorization & Backup Warranty

Ref: Your tender No._____ Dated _____

To,
The HOD-Materials
Materials Deptt,
OIL, Duliajan

Sir,

We, M/s…….. (Name & address of the Manufacturer) hereby authorize M/s…….. (Name & address of the Bidder) to submit their Bid against Tender No…….. floated by OIL INDIA LIMITED (OIL) for supply tendered goods, which will be manufactured by us. As we do not participate directly against such tendering process, we authorize M/s. ……. (name of the Bidder) to participate as our only Sole Selling Agent/Dealer/Distributer (strike out whichever is not applicable) against the tender.

We hereby guarantee the supply through M/s…….. (name of the Bidder) in the event of placement of purchase order by OIL and shall provide all back-up supports as may be necessary including for the quality & workmanship of supplied materials.

This authorization and back-up warrantee/guaranty shall remain valid throughout the execution by M/s. …… (Name of the Bidder) including the defect liability and AMC period, in the event of an order by OIL on them.

Yours faithfully,
For (Name of the manufacture)

Name & Signature of Authorized signatory:
Designation :
Phone No.
Place :
Date :
Seal of the Manufacturer:

****

ANNEXURE-IV

TECHNICAL & COMMERCIAL CHECKLIST

A. **TECHNICAL CHECKLIST:** Kindly refer Technical specifications.

*****

B. COMMERCIAL CHECKLIST:

Sl. No.	Requirement	Bidder's Response
1	Whether quoted as manufacturer?	
2	Whether quoted as OEM Dealer/Supply House?	
3	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?	
4	Whether agreed to the tender warranty clause of the tender?	
5	Whether submitted EMD/Bid Security / Bid Security Declaration as per tender requirement?	
5.1	EMD/Bid Security (Amount & Validity)	
6	EMD/Bid Security exemption certificate with Validity	
7	Whether quoted a firm delivery period as per the tender requirement?	
8	Whether confirmed to submit PBG as asked for in tender?	
9	Whether confirmed Bid Validity as per the tender requirement?	
10	Whether confirmed Payment Terms as per the tender?	
11	Whether quoted as MSE unit? If yes, whether necessary document submitted?	
12	Whether submitted Integrity Pact duly signed and sealed as per **PROFORMA – D?** *(If applicable as per the tender)*	
13	Ministry of Finance of Govt. of India, Department of Expenditure, Public procurement Division vide office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020(order-Public Procurement no.1) has proclaimed the insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 w.e.f. 23rd July, 2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India on the grounds of defence of India on matters directly or indirectly related thereto including national security. Bidders are requested to take note of the office memorandum and submit their offers accordingly, wherever applicable. In this regard, bidders must submit duly sealed & signed undertaking as per format provided vide, **PROFORMA – E(I), E(II) & E(III)** along with the technical bid. Whether uploaded along with the bid?	
14	Whether indicated the country of origin for the items quoted? Please mention the "Country of origin" under Remarks here.	
15	Whether submitted format of undertaking by bidders towards submission of authentic information/ documents as per **PROFORMA - H**	
16	Whether indicated 'Local Content' required as per PPP-MII Policy?	
	Local content amount and percentage. Details of locations at which the local value addition is made.	
17	Whether indicated the import content in Price Bid?	

18	Whether all documents have been submitted as required for fulfilling Experience criteria clause of BRC-Technical.	
19	Name and details of the company to whom the bidder has successfully executed orders / contracts for atleast 50% of the tendered quantity as per Experience criteria clause of BRC-Technical.	
20	Whether submitted the profile and other documents of the company for verification (viz. Annual reports, Memorandum of Association, Article of Association etc.)	
21	Name of Manufacturer	
22	Place of Despatch	
23	Name, Address, Phone No & E-mail id of Bidder	
24	Bank details of Bidder	
25	Whether submitted Proforma – J - Format for Exception / Deviation	
26	Whether submitted Proforma – K - Format for Undertaking For Local Content	
27	Whether submitted Proforma – L - Format for Power of Attorney / Authorization letter (Regarding authority for submission of bid)	
28	Whether submitted Proforma – M - Format for Bidders financial standing	
29	Whether submitted Proforma – N - Format for declaration of Blacklisting / Holiday Listing/ NCLT / NCLAT /DRT /DRAT/ Court Receivership/ Liquidation	

****

ANNEXURE -AAA

TECHNICAL SPECIFICATION FOR GAS ENGINE DRIVEN GAS COMPRESSOR PACKAGES

1.0 GENERAL

OIL INDIA LIMITED invites tender for Turnkey implementation of Design, Manufacture, Fabrication, Package, Test, Supply, Erection and Commissioning of Gas Engine driven Separable Reciprocating Gas Compressor Packages as under to be installed in different Gas Compressor Stations (GCSs) of OIL INDIA LIMITED, Duliajan in Upper Assam region of India.

Item No.	Unit	Qty	Duty of Compressors	Capacity (NM^3/Hr)	Design Pressure (Gauge) (Kg/cm^2)		Design Temp. (Deg C)
					Suction	Discharge	Suction
10	No.	1	LP Booster Compressor	2700	1.50	25.00	50
20	No.	6	Gas Lift Compressor	3200	14.00	105.00	50

The above Gas Compressor Packages shall be placed/installed on existing RCC foundation of old vintage compressor package due to space constraints. The compressor packages shall be mounted on concrete filled skids instead of normal structural skids. This concrete filled skids shall be placed on the existing RCC foundation with the help of Anti Vibration Pads without anchor bolts.

Some of these units may be placed on gravel packed pad without anchor bolts. However, the vendor shall consider Anti Vibration Pads for all the units.

The vendor will have to design taking into above considerations and shall carryout all the necessary engineering studies to supply suitable package.

2.0 SCOPE

Compliance with the requirements of this specification does not relieve the vendor of furnishing gas engine driven reciprocating compressors along with its accessories of proper design, meeting all the specified rated operating and service conditions.

The intent of this specification is to describe the minimum acceptable parameters for the design, manufacture, and packaging of the Reciprocating gas compressors packages. It is not the intent of Company to deviate from good engineering practice. The absence of any specifications shall imply that the best engineering practices shall prevail, utilizing the best quality workmanship and new materials. Where different standards are specified, the most stringent shall apply.

3.0 DEFINITIONS

OWNER/ OIL: OIL INDIA LIMITED

Vendor / Supplier: Party (ies), who manufactures and/or supplies material, equipment, and services to perform the duties as specified in the scope of supply.

Shall: Indicates a mandatory requirement.

Should: Indicates a strong recommendation to comply with the requirements of this document.

4.0 CODES AND STANDARDS

4.1 General

- All specifications and publications shall be the current issue on the date of Tender, and it shall be the Vendor's responsibility to comply with the same.
- The Reciprocating Gas Compressor Package shall be designed and manufactured in conformity with the codes, specification listed below and with the equipment data sheets.

4.2 International Codes and Standards:

- ISO 13631, Latest edition Specification for Packaged Reciprocating Compressors for (Formerly API 11P) Oil and Gas Production Services
- API 618, 5th edition Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services
- API 661, 6th edition Air-Cooled Heat Exchangers for General Refinery Services - Adoption of ISO 13706-1:2005
- API 520 (7th Ed.) Sizing, Selection, and Installation of Pressure – Relieving Devices in Refineries
- API 526 (5th Ed.) Flanged Steel Pressure Relief Valves
- API 671 Special Purpose Coupling for Petroleum, Chemical & Gas Industry
- API 676 Positive Displacement Pumps – Rotary
- ISO 1217 Displacement Compressor Acceptance Test
- ISO 10441 Flexible couplings for mechanical power transmission, Special purpose applications
- ISO 3046 Reciprocating Internal Combustion engines
- ISO 10474 Steel and steel products – Inspection documents
- ISO 9001:2000 Quality Management System Requirements
- ASME Sec. VIII Div. I Pressure Vessels
- ASME Sec. II Materials
- ASME Sec. V Non-Destructive Examination
- ASME Sec. IX Qualification Standard for Welding Procedures
- ASME B31.3 Chemical Plant & Petroleum Refinery Piping
- ASME B16.5 Steel Pipe Flanges and Flanged Fittings
- ASTM American Society of Testing Materials
- ANSI/AWS D1.1 Structural Welding Code

4.3 Order of Precedence:

In case of any conflict among the various documents of this specification the following preferential order shall govern:

- Government of India Legislation/Regulation
- Purchase Order Data Sheets
- Purchase Order Specification
- Approved Design Drawings
- International Codes & Standards

Compliance with these specifications shall not relieve the bidder the responsibility of supplying equipment and accessories of proper design, material, and workmanship to meet the specified operating conditions.

In the event of any conflict of data or requirements in any of the above documents (excluding Govt. Legislation/Regulation), the most stringent requirement shall prevail. However, OIL's interpretation shall be the final.

4.4 Language and Units of Measurement:

The governing language of the Contract shall be English language. All notices, correspondence, information, literature, data, manuals, and other documents required under the Contract shall be in the English language.

Technical units, quantities, etc. shall be expressed, used, and abbreviated according to the SI system except for the pipe sizes, which shall be imperial units. Preferred units of measure are as follows:

- Liquid Density: API and kg/m^3
- Flow Rate: m^3 / hr, MMSCFD (gas), m^3 / hr, BPD (condensate), m^3 / hr, BWPD (Water)
- Power, Duty: kW/HP
- Heat Transfer Coefficient: W / m^2 K.
- Thermal Conductivity: W / m.K
- Heat Capacity: kJ.
- Viscosity: cP (centipoise)
- Kinematic Viscosity: centistokes (cSt)
- Area: Sq. Meter m^2
- Length: Meter (m), km, mm
- Pressure: Kg/cm^2(g), psi(g), psi(a)
- Temperature: °C/ Deg F
- Volume: m^3
- Pipe Diameter: Inch, mm.
- Stress: MPa, Kg/cm^2, Pa
- Weight: Kg / Ton

4.5 Environmental Conditions

The climatic conditions (indicative) are as stated below:

- Maximum Ambient Temperature 42 Deg C
- Minimum Ambient Temperature 7 Deg C
- Relative Humidity
  - At 21 Deg C: 100 %
  - At 32 Deg C: 95%
  - At 41 Deg C: 70%
- Elevation Above Mean Sea Level: 121 metres
- Seismic Zone: V
- Yearly Average Rainfall: 300 cm

5.0 SCOPE OF WORKS

5.1 General:

Vendor's scope of work includes engineering, design, manufacture, packaging, assembly, inspection, testing & supply, and erection & commissioning at sites within an aerial distance of 100 Km from Duliajan, Assam, India in Gas Compressor Stations (GCSs).

For scope of the Reciprocating Gas Compressor package reference is made to the design data sheets **(Annexure AA, AB & AC enclosed)** giving the operating conditions and design requirements.

The Vendor's scope of works shall include, but not be limited to the supply of the following items and services:

- Engineering, design manufacturing and packaging.
- Procurement of raw materials etc., from sub-vendors. Preparation of documentation for design, approval by Purchaser.
- Inspection and testing including bough out items.
- Surface preparation, protective coating, and painting.
- NLMRT, String Test as per Tender
- Packaging for transportation to site and supply.
- Erection & commissioning
- Field trial run and performance test at site
- Training at OEM's works
- Training at site
- Supply of Operation and Maintenance Manuals
- Supply of Quality Inspection Reports as per Approved QAP

A. SCOPE OF SUPPLY FOR EACH COMPRESSOR PACKAGE

a) Reciprocating compressors designed and manufactured as per ISO 13631: 2003 edition (Formerly API 11P). The compressors shall be high speed, horizontal, balanced opposed two stage compressors suitable to perform the process duties as defined in the attached data sheets **(Annexure AA, AB & AC).**

b) **Driver**: Gas Engine Driver utilizing the same process gas as fuel gas.

c) **Coolers:** Common unitized aerial cooler of fin fan design shall be provided to cater to cooling requirements of the lube oil both engine and compressor, compressor cylinder jacket water (if any), gas engine jacket water, process gas (both inter-stage and discharge cooling).

d) **Coupling with Inertia Ring:** A standard dry shim pack coupling bolted to compressor and driver fitted with a non-sparking coupling guard. An Inertia Ring may be provided (if required) as per requirement of Torsional Analysis studies.

e) **Scrubbers**: Gas scrubbers with their supporting structure at suction of each compressor stage, complete with necessary isolation / dumping valves and instrumentation.

f) **Pulsation Dampeners**: Suction and Discharge dampeners at each cylinder. The pulsation Dampeners shall be fabricated as per the recommendations of the acoustic pulsation studies. Care shall be taken to design the pulsation bottles in such a way that the diameter of the pulsation bottles (specially the discharge bottles of both the stages) do not unnecessarily increase the overall height of the compressor package.

g) **Barring Device**: A manual barring device for the engine to be provided.

h) **Valves and Safety Valves**: One each side of automatic recycle valve with manual bypass valve, blow down valve, suction shutoff valve, discharge shutoff valve, discharge check valve and one each of safety relief valve on suction & discharge vessels, final discharge line, fuel line. Safety Relief valves

shall be designed, manufactured, inspected, and tested in accordance with API 520 and API 526.

i) **Suction Strainer**: A suction strainer in the process gas inlet of the compressor and fuel inlet line of the engine.

j) **Control Panel & Instrumentation**: Electronic Control Panel complete with Instrumentation required for safe operation and control of the complete compressor package. Instrumentation shall be complete with junction boxes installed, wired, and tested on the associated skid. The control panel skid will be separable from the main compressor skid. Supply shall be complete with cable trays, cable ties, instruments, installation materials etc. required within the skid. As per Annexure AD

k) **Concrete Filled Base Frame**: Heavy-duty concrete filled base frame for the compressor, gas engine, process equipment, and other auxiliary equipment. The concrete filling shall be designed as per necessary engineering studies like acoustic pulsation analysis, skid design analysis taking into account loading and unloading forces.

l) **Lubrication System**: Lubrication system as detailed under: -
The major components of the Compressor main lubrication system shall be as follows:

- Main oil pump.
  - Driven from crankshaft.
  - shall be manufacturer's standard.
- Pre-lube Pump driven by Air Motor
- Lube Oil Cooler
  - Shell and tube exchanger with jacket cooling water /air cooled.
- Lube Oil Filter
  - Dual filters, each 100 % capacity (full flow), non-bypassing with isolation valves arranged so that switching can occur without causing a low-pressure shutdown of minimum particle size 10 micron.
- Cooler Surge Tank: It shall be mounted outside the skid limits on rugged structure along with necessary monkey ladder and platform with handrails for accessibility during maintenance.
- Piping lube oil system:
  - All lube oil piping down stream of filter shall be series 300 Stainless Steel.
  - All high-pressure double ferrule fitting and 2/3-way valves shall be from shall be S.S. material only. Material of tube shall also be SS316 as per ASTM A269.
  - 200 mesh screen before lube oil pump
  - Frame lubrication system for frame main bearings, connecting rod bearings, cross head shoes.
- Compressor bearing temperature thermocouples.

m) **Cylinder and Packing Lubrication System**: A high-pressure lubrication system for cylinder and packing lubrication, using divider block technology along with requisite nos. of gauges, filtration, and safety systems for ease of troubleshooting. The packing shall provide a dynamic seal between cylinder and piston rod.

n) **Compressor Main Components**: Frame, cylinder, distance piece, cross head, crank shaft, piston, bearings, packing, compressor valves, and capacity control devices etc.

o) **Auxiliary Pipe work**: All necessary auxiliary / ancillary pipework including fittings, valves and pipe supports, terminating at the package skid edge for both compressor, accessories, gas engine and accessories. Interconnected Piping between different components of the package.

All on skid termination points shall be flanged as per ASME B 16.5, Weld neck, RF/RTJ, Smooth finish. The termination flanges should be in sizes of ½", 1", 2", 4" ,6" NB etc. sizes. The terminal points shall be as shown in the P&ID. The terminal points include suction / discharge flanges, drains with valve, vents, etc.

p) Electrical:

Cable termination kits for termination of LV cables shall be provided by Vendor. Cable glands, boots and lugs for all LV cable connections are in Vendor's scope.
Two earthing bosses on the equipment skid.

q) **Special Tools and Tackles**: These shall include all non-standard equipment needed to remove the compressor cover, bearings, valves, and piston rod packings or perform maintenance. All special tools shall be supplied in sectionalized purpose-built cases with hinged lids.

r) **Spares**: Supply of Spares for start-up, Supply of Commissioning spares - One set of Commissioning spares is required to be supplied for each type of Compressors i.e., one set for Gas Booster and one Set for Gas Lifter only. Cost of Commissioning spares shall be considered for bid evaluation. List of Recommended Spares for two years of normal operation (Insurance Spares). Cost of Recommended Spares shall Not be considered for bid evaluation.

s) **Name Plate**: All major components of the compressor package shall be fitted with identification plate.

t) **Earthing Lugs**: Minimum two earthing lugs shall be provided on the skid along with separate earthing lug for Control Panel skid diagonally opposite sides.

B. Surface Preparation and Painting:

The equipment and skids are to be externally painted for environmental protection after thorough cleaning. As a minimum, zinc rich primer (1 coat) and epoxy based final covering is to be provided. Cleaning shall be done through sand blasting as per SSPC # SP6 before painting with spray except compressor and engine block. Vendor to provide the detailed specification of painting for approval.

C. Inspection and Testing

The package will be inspected and tested as per the approved QAP included in this specification. OIL reserves the right to inspect, visit the vendor's factory during the manufacturing, packaging, and Testing activities of the packages. Inspection and Testing includes No Load Mechanical Run Test (NLMRT) of Compressor Block, String Test of the complete assembled package shall be witnessed and approved by OIL's representative prior to shipping at vendor's works.

OIL reserves the right to reject if any part / parts found to be defective after delivery at site. Vendor shall be no way claim by the reason that the unit/

item was previously inspected and passed by OIL as per the inspection clause detailed anywhere in the enquiry.

D. Vendor Documentation along with supply

a) Six hard copies along with soft copy each of
- Approved Drawings
- Torsional analysis,
- Cross head load (rod load) reversal diagrams for each load step of every specified condition

u) Final Compressor Modelling File with updated info regarding attenuation devices, Piping, Cooler and final pressure drops.

c) Six copies of installation, commissioning, operation, and maintenance manual with illustrated parts list for each item covering all accessories/bought out items of each of the packaged units should be furnished before shipment of unit along with soft copy.

d) Six copies of Compressor Part list to be provided along with part nos. and Bill of materials with the supply of the items along with softcopy.

e) The Complete Bill of Materials (BOM) for each duty of compressor in soft copy format (Searchable)

f) Rod Load and Pin Reversal Maps

g) Highest Expected Discharge Temperature and Discharge Pressure Maps

h) Performance Curves
   a. Suction Pressure vs. Load
   b. Suction Pressure vs. Flow
   c. Discharge Pressure vs. Load
   d. Discharge Pressure vs. Flow
   e. Suction Pressure vs. Discharge Pressure, per load step.
   f. Sets of above curves from maximum speed to minimum speed

i) Flow Maps from minimum to maximum desired flows.

j) Unit Isentropic Efficiency Map at Rated Speed across all pressure combinations

k) Provide Compression Ratio Maps across all pressure combinations per stage. Report should generate maximum compression ratios.

l) Acoustic Report: Detailed acoustics reports of performance at design and guarantee points, review of potential operating points with identification of areas in the operating map where vibration and acoustic issues may still be present even with attenuation devices in place.

E. Packaging:

The packaging of the package should be in such a way that the unit could be placed at site with necessary ancillaries, auxiliaries, pining etc., within a short span of time during erection and commissioning. Proper tagging of the auxiliaries/ ancillaries/ dismantled item shall be done according to their unit and bill of materials to make them easily identifiable at site. Packaging should be such that HOT (welding/gas cutting/grinding) job requirement at site is nil.

The packaging shall take into account the total height of the package from the skid level. The height of the Engine and Compressor should be low to achieve low centre of gravity for the package and the cooler shall be designed in such a way that it can be placed on a concrete foundation of maximum 500 mm height from the ground level. Additionally, the topmost part of the package should have height of less than 4 metres from the ground level. All efforts shall be put to design the package so that the overall centre of gravity is low. The pulsation bottles shall be designed taking into account the pulsation

study recommendations and to see that the overall height of the package can be kept low.

F**. Site assembly, Erection and Commissioning**

a) The bidder shall submit footprint drawings and other design details with weight, CG, unbalanced forces etc. within 5 (five) months after the placement of order for approval. OIL shall approve the drawing within 10 days from the receipt of the final drawing.

b) The vendor shall provide services of their commissioning team for assembly, erection, and commissioning at site.

(i) All the packages will be delivered to Duliajan Central Location.
(ii) OIL will provide crane services for offloading of the items at the central location.
(iii) Vendor to engage their representative for verification and checking of the supplied packages as per invoice, packing list etc. All the Boxes will only be opened in presence of Vendor's representative. Any item found missing, damaged will be replaced by the vendor at no extra cost.
(iv) OIL will then provide trailer services to transfer the items to the site and crane services for placing the major equipment of the compressor package along with skid at site. Lifting facility for any other component of the package shall be arranged by the vendor. OIL will hook up process and service piping with the compressors at the battery limit. All other arrangement for installation and commissioning the compressor shall be done by the vendor.

c) Vendor shall supervise the placement of compressor packages at location. OIL shall call the supplier for starting installation and commissioning within 60 days after receipt of items at site. After placement of the units, the vendor shall commence erection of the packages within **(1) week** and complete the erection/commissioning jobs within **(8) Eight weeks** of placement of the skid at site.

d) The package shall be considered fully commissioned only after the supply and acceptance of all related items of the package, commissioning spares, consumables, documentation, Site Testing, Commissioning Run, Condition Monitoring and Training.

e) During site preparation vendor to provide site supervision to ensure preparation of surface for installation of anti-vibration pads/ gravel packed pad as per design requirement. After installation /commissioning the vendor shall run (continuous run) each compressor for 72 (Seventy-Two) hours at site on load conditions satisfactorily prior to handing over to OIL for regular operation.

f) Installation and commissioning price including accommodation, local transport, work force etc. for the same shall be borne by the vendor and to be quoted separately in commercial bid.

G. Condition Monitoring:

1. During the commissioning test run, the vendor shall carryout snapshot condition monitoring with the help of a P-V Analyzer (Similar to Ex Wind rock 6400 unit). Vendor shall bring all the necessary transducers like pressure sensor, accelerometer, velocity meter, vibration meter for valve

movement, temperature sensor along with the analyser required for data collection and analysis.

2. Vendors shall supply suitable Kiene type valves for each unit

3. Following parameters/plots along with trend shall be analysed and report based on the same shall be submitted. -
   i. Main bearing high and low frequency plots.
   ii. Cylinder indicated pressure: The indicated pressure must be submitted as PV diagram. One pressure measurement at each degree of revolution is the minimum requirement.
   iii. Volume: Volume associated with the pressure measurement is to be captured using the crankshaft angular position in relation to TDC or any other reference point.
   iv. Vibrations: Vibration impulse signals with crankshaft phase reference is required. Also valve cover vibration is required.
   v. Cylinder PV plot & log PV plots.
   vi. Cylinder rod load plots.
   vii. Crank angle correlation
   viii. Valve temperature.

4. The report has to be submitted as soft copy (in CD) as well hardcopy for each of the individual units.

H. Training:

a) Training at Vendor's/ sub-vendor's works:
   i. Vendor shall provide training for Gas Engine Operation and Maintenance at Gas Engine vendor's works for at least 4 nos. of Engineers for at least 4 days.
   ii. Vendor shall provide training for Gas Compressor Operation and Maintenance at Gas Compressor vendor's works for at least 4 nos. of Engineers for at least 4 days.

b) Training at site :

Vendor will provide 2 (two) days classroom training at OIL field office, Duliajan to the operating staff and Maintenance Crew.

Moreover 3 (Three) days onsite training shall be provided at **each site each unit** to the operating staff to enable them to operate the units in safe and efficient manner after successful commissioning run test of the unit.

OIL will provide the classroom including projector, laptop etc. free of cost for the classroom training at Duliajan.

I. Design & Engineering Services:

a) Complete design, engineering of the compressor package including all accessories, gas engine, coolers etc.
b) Conducting digital acoustical simulation and mechanical response studies and solution as per API 618 design approach 3 (DA3) and carrying out the pulsation design studies as per Appendix M of API 618 5th Edition. Vendor to submit all the reports to OIL.

c) Carrying out static skid design i.e. Lifting Analysis, Transportation, Wind, and Seismic. Adequate mechanical structure shall be considered while design study.
d) Carrying out Dynamic Skid Design i.e. Assess Dynamic Forces, MNF, Resonance, Stiffness
e) Carrying out Mechanical Vibration Analysis including frequency response studies
f) Carrying out full torsional and lateral analysis studies including stress calculations of the complete rotating assembly. This analysis shall indicate the vibration levels expected for each case of operation including start-up, shutdown, and upset cases.
g) Design of Concrete filled skid taking into consideration of operating parameters with special significance to vibration.
h) To Provide stress analysis and recommendation to mitigate vibration.
i) Providing all documentation for tie-in provisions and as required by the purchase order, the specifications and the standards referred to herein.
j) Furnishing monthly progress reports and ensuring timely execution of the job.
k) Point Performance Runs with All Guarantee and Design Points
l) Process and Mechanical guarantee.
m) Manuals and spare parts list
n) Training

J. The requirements set out in this document shall not be construed to eliminate consideration of the manufacturer's standard design. The manufacturers standard design may be accepted, if found to be equivalent or superior to the requirements of these specifications. The Vendor shall provide any material, equipment, instrumentation, and any other accessory, over and above that specified herein, which is required to provide a safe and efficient unit. The Vendor is to provide a Process performance and Mechanical guarantee.

K. **OIL Scope of Utility Services**

OIL shall provide the following:
a) **Electrical Power Supply:** For Control Panel: Rated voltage: 240 V-AC (± 10%), single (1) phase, Rated frequency: 50 Hz (± 3%). Work site illumination and any other utility power requirement shall be provided.
b) **Fuel Gas:** The composition of the fuel gas is stated in the Annexure-AC.
c) **Instrument Air:** Operating Pressure: 6 - 8 $kg/cm^2(g)$ Temperature: 50°C Maximum
d) **Area:** Main unit will be placed in a bay having a shed area of 10 m Long x 6 m Wide and 4.0 m High.
e) Sun shelter with overhead standard lifting facilities (Max 3 MT) above the compressor skid.
f) Process piping up to and from Package Inlet and Outlet.
g) Connecting pipework from Package skid end connections of the scrubber and other drains to the station drain system.
h) Connecting pipework from the Package skid edge connections of the relief valve discharge pipe to the station flare / Vent system.
i) Piping connection to the control panel and starting air piping end from the air supply mains.
j) Unloading and placement of compressor package at site under vendor's supervision.

6.0 DESIGN REQUIREMENTS

6.1 General

The reciprocating gas compressor package shall be designed, constructed, inspected, and tested in accordance with API 11P/ISO13631 Latest Edition, equipment data sheets and this specification. The most stringent requirement shall apply. The equipment (including auxiliaries) shall be designed for a minimum service life of Twenty (20) years. The Reciprocating gas compressor package shall be complete with all accessories such as interconnecting piping, instruments, etc. all mounted on a common base frame.
Design, construction, inspection and testing requirements are for two types of gas engine driven compressor packages namely Low-Pressure Booster (LPB) Compressor and Gas Lift (GL) Compressor.

6.1.1 Package Layout

The vendor shall provide 3D layout diagram showing all accessories, piping etc. Isometric views with hard copies shall be provided for each of Low-Pressure Booster and Gas lift Compressors. A Soft copy of the drawing shall be provided in Autocad format.

The equipment layout shall be such that it enables safe and easy access to each item for operation and maintenance. Location of platforms /walkways and ladders for operation and maintenance activities shall be shown. In particular, ease of maintenance shall be borne in mind during the design stage of the ancillary equipment such as coolers, lube oil system etc. Optimization of package battery limit interfaces with other facilities shall be considered. Vendor to explore lowing governing height of Discharge dampeners as much as possible to achieve Lower CG.

Vendor to explore all possible equipment sizes / piping sizes for reduction in height and further review for Oil India basis site situation.

The normal limiting dimensions and weight for each skid journey to upper Assam are as under.

Length (Max)	9.0 metres.
Width (Max)	2.54 metres.
Height at Centre	2.44 metres.
Height at Maximum Width	2.21 metres.
Top Width at Maximum Height	0.61 metres.
Weight	20 *Tonnes (Max) each skid*

The above dimensions are the maximum dimensions for each skid for transportation purposes only, the vendor to design the package to reduce the dimensions as much as possible taking into consideration of space required for maintenance. The centre of gravity of the package should be designed as low as possible for reduced vibrations.

The main skid containing Gas Engine, Compressor and other auxiliaries including Control Panel but excluding aerial cooler shall be limited to a length of maximum 7 (Seven) Meters.

6.1.2 Required Turndown

The compressor train shall be capable of operating from 100 to 50% minimum of the design throughput at the design operating suction and discharge pressures. This turndown shall be achieved as far as possible by speed variation of the compressor train. Or by bypass circulation.

7.0 Mechanical:

7.1 Reciprocating Compressor Package Design

The compressor and auxiliaries shall be designed, manufactured, tested, and supplied strictly in accordance with the requirements of API 11P/ISO13631 latest edition.

The compressor shall be high speed, separable, reciprocating, 2 (two) stage, two throw, double acting, horizontally balanced opposed design. The operating parameters are provided in the data sheets. All operating conditions mentioned in the data sheets are at the battery limit.

The compressor shall be non-cooled cylinder type. All gas compressor cylinders shall be mounted with suitable Kiene type valves for connection of P-V Analyzers.

Piston rods shall be forged with rolling threads. The Vendor shall carry out lateral and torsional analysis. Torsional analysis shall be carried out for the complete compressor/driver system and shall cover all the possible resonance conditions that may occur during run-up, run-down, and within the complete operating speed range.

The suction and discharge pulsation dampeners shall be designed and manufactured as per ASME section VIII Div 1 with code stamping. Intercooler and after cooler shall not be used as pulsation suppression devices.

During the detailed design stage, acoustical simulation shall be carried out as per design approach 3 specified in API 618 in order to verify its satisfactory performance in all respects but especially mechanical/fluid stability over the entire relevant operational flow rates, temperatures, and gas compositions. The conduct of this study and the implementation of necessary recommendations emanating from it are included in the scope of supply of the Vendor.

7.2 Cooling Water System (for Prime Mover / Engine)

Closed loop engine jacket water-cooling shall be provided along with coolant expansion tank. The expansion tank shall be designed as per Engine manufacture's recommendation of coolant expansion factor with necessary pressure cap, level glass etc. taking into consideration the total volume of coolant in the system including the aerial cooler sections. The coolant make up/ expansion tank shall be mounted outside the skid limits on rugged structure along with necessary monkey ladder and platform with handrails to access the tank for necessary maintenance activities.

7.4 Compressor Capacity Control

The sizing of the control valve shall be done considering 0-50% bypass of compressor throughput. The control valve shall be provided with a by-pass valve and isolation valves (2 Nos.). By-pass and isolation valves shall be gate valves as per API Spec, 6D.

To operate the compressor at variable throughput a suction pressure controlled (pressure controller) by-pass control valve from delivery to suction side shall be provided for LPB compressors only.
For the Gas Lift units high delivery Pressure controlled (pressure controller) bypass control valve from delivery to suction along with manual and bypass valves shall be provided.

7.5 Coolers

Common unitized cooler of fin fan design shall be provided to cater to cooling requirements of the lube oil, packing oil, gas engine jacket water, process gas inter-stage and discharge after coolers.

The cooler shall be forced draft, air-cooled heat exchangers designed, manufactured, tested, and supplied in accordance with ISO 13706 / API 661. Vendor to state the exceptions to the API 661 for approval of OIL (if any).

The cooling fan shall be capable of cooling up to 125 % of the duty requirements of the worst-case scenario of design parameter.
The tube bundle shall be provided with valves for vent and drain connections. Central, accessible greasing facilities shall be provided for fan bearings.

Vendor shall submit fan performance curves along with the bid.

The air-cooled heat exchangers shall comply with the following requirements:

- Finned type tubes shall be provided, and the tubes shall be tested hydrostatically as per standard.
- A corrosion allowance of 3 mm shall be provided on all wetted carbon steel surfaces except for tubes.
- Thermal rating of the air-cooled heat exchangers shall be based on a maximum flow at 125% of rated mass throughput for the worst design case.
- Discharge cooler shall be sized for full flow recycle operation at maximum power.
- For cooling of engine coolant, the cooler shall be designed for 125% of the engine heat rejection of the engine service power at site conditions with the absolute maximum ambient temperature.
- Fans shall be driven by V belt and pulleys.
- Fan tip speed shall not exceed 60 m/sec. However, it may be further reduced, if noise levels exceed the specified levels of 90 dbA at 1 metre distance from the unit.
- It shall be possible to manually adjust the pitch of the blades to increase the fan capacity.
- Tube bundles shall have finned tubes, with full accessibility for inspection, cleaning and replacing.
- Each tube bundle shall be provided with valve drain and vent connections.
- Vibration probes shall be provided for each cooler fan/section for high vibration alarm / trip.
- Ladders with railing shall be provided for safe working. Location of the ladder shall be marked on the detailed drawing.
- A 50 mm square mesh arrangement (for hail guard) above the tube bundle shall be provided for all air coolers designed to take a load of maximum 100 kg at a point.
- Fan hub bearing lubrication is by grease at the grade level.
- Loadings for pipe supports shall be considered in the structural design load.
- The design of the cooler should be such that the cooler shaft diameter does not exceed 2-9/16” and limited length. This requirement is for ease of maintenance during cooler shaft replacement job.

7.6 Scrubber Vessels

The compressor package shall be complete with compressor suction and inter stage scrubbers. The scrubbers are to be designed to remove any condensed hydrocarbons, water, and any entrained lube oil in the gas stream.

• Scrubbers shall be vertical type with demister mat on the gas outlet. The scrubber vessel and the scrubber internals shall be designed as per design data sheet provided. The vessel internals shall be complete with Vortex breaker and Mist Eliminator (Demister)/ Vane Pack among others.

- The mechanical design, fabrication and testing of the scrubbers shall be carried out in accordance with ASME Sec VIII Div I with ASME "U" Code stamping.
- A corrosion allowance of 3.0 mm shall be provided.
- Desired Nos. of Nozzles of proper size as per design requirement shall be provided.
- All scrubber nozzles shall have valve or blind flanged connections to enable flushing with water or purging with nitrogen.
- The scrubber shall have suitable rugged supporting structures connected to main skid to prevent vibration.
- All vessel connections shall be flanged as per ASME B 16.5. The flanges shall be weld neck, RF/ RTJ type with smooth finish of 125 – 250 micron.
- Each scrubber shall be fitted with the accessories as under: -
  - One no. Safety Relief valve designed for overpressure below the mesh pad

Necessary arrangement shall be made to test the SRV through nitogen purging for scheduled check of SRV

  - One No. Manual drain valve
  - One No. Level gauge to check liquid level inside the vessel, the level gauge shall be designed in such a way so that the protruding length from the separator surface is minimal to avoid vibration.
  - One No. liquid dump valve with Level switch.

- The following minimum instrumentation to be fitted in the vessel:
  - High level Switches
  - Automatic high liquid level controller to operate liquid dump valve.

7.7 Vibration Levels

The Vendor shall be responsible for achieving vibration acceptance levels at site for all items of equipment in his supply. Structural vibration of base plate shall also be considered and checked in the field.

7.8 Dry Flexible Couplings

Dry Flexible Couplings shall be CMR type with Stainless Steel shim packs with inertia ring (if required).

All coupling guards shall be totally enclosed, spark proof. The guard shall be rigidly supported and manufactured from non-sparking material.

7.9 Gas Engine

Make: Caterpillar / Waukesha

- **The Gas Engine OEM shall give an undertaking that the spares of the engine shall be available for a period of minimum 15 years from the date of supply and all the spares and service kits required for scheduled maintenance activities including top and major overhauling shall be supplied by the OEM**

H.P. Requirement: The gas engines power must satisfy the following requirements: -

BHP (Continuous rating Under site condition)	=	120% of the total BHP required to drive the compressor at full design load along with the auxiliaries

The Gas engine shall be Turbocharged type. The composition of the fuel gas is stated in the compressor data sheets. Engine shall be suitably derated for the fuel gas composition and as per the local environmental conditions (altitude and temperature).

The gas engine shall be designed as per ISO 3046.

Among others the gas engine shall be complete with the following: -

- **Intake air filter**: Engine OEM standard.
- Air engine starter- The Engine starter shall be turbine type to be able to operate at low pressure air (max 6 Kg/cm2)/ Engine OEM standard.
- Lube oil system: OEM standard.
- **Engine cooling system**: Closed circuit coolant water system to be used for engine cooling. The engine coolant plus DM water / OEM specified premixed coolant shall be cooled in the air cooler as stated in Aerial Cooler section.
- **Exhaust System Silencer with spark arrestor:** The exhaust silencer shall be Reactive type Hospital Grade with integral spark arrester capable of sound attenuation in the range of minimum **45 to 60 dB (A).** An expansion bellow with flue gas duct is to be provided at the engine exhaust termination. All external connections from the engine shall terminate in flanges to ASME B16.5. Suitable supports are to be provided to avoid vibration. The Engine Exhaust Silencer will not be mounted on the aerial cooler and will be directed away to the outside of the shed through suitable supports mounted on floor.
- **Engine Management system** with troubleshooting tools with necessary software/hardware/cables/license/passwords and other special tools for maintenance and troubleshooting purposes.
- **Engine Ignition System** shall be Shielded ignition system.
- **Fuel Filtration:** as per OEM recommendation.
- **Turbocharger**
- Auxiliary water pump (if required)
- Air Fuel Ratio Controller (if required)
- **Electrical Panel** with UPS and Battery for at least 4 (Four) Hours Back up. This Electrical Panel will be installed in the Safe Area of the Gas Compressor Station. OIL will supply the 230 V AC up to the Panel. Vendor to supply required 24 V DC from the Control Panel up to the Gas Engine (Approximate length of Cable required 90 metres for each package). The battery supplied should be Maintenance Free.

7.10 Piping

Piping shall be designed, fabricated, installed, inspected, and tested in accordance with ASME B31.3 & ASME B16.5.

Among others, the following piping shall be included in the supply:

- All piping within the compressor skid and auxiliaries such as scrubbers etc.
- Process gas piping between scrubbers (suction / discharge) and main compressor skid.
- Interconnected process gas piping between coolers skid and main compressor skid
- Interconnected piping between lube oil skid and the main compressor skid
- Thermal insulation required for all surface greater than 60°C.

- Piping vibration analysis and recommendations for piping outside compressor skid shall be provided by Vendor.
- Care shall be exercised in pipe sizing to minimize acoustical pulsations and mechanical vibrations.
- All piping wetted by the process gas shall be manufactured from carbon steel SA 106 Gr B seamless with suitable corrosion allowance.
- The flanges shall be of SA 106 as per ANSI B 16.5
- All piping shall be butt welded and designed with flanged joints to allow complete removal.
- All termination points shall be WNRF flanged and conform to ASME B16.5. All flanges up to ANSI 300 class shall have weld neck, raised face, smooth finish. The flanges above ANSI 300 class shall be weld neck, RTJ jointed. Both types of joints shall be complete with either jointing sheet or RTJ ring.
- Compressor casing drains and vents shall be valved and routed to edge of the base plate and shall allow for complete drainage of compressor assembly. Each casing drain shall have individual valves.
- The end connection shall be flanged as per ASME B16.5.
- All relief valves and depressurizing valves shall be positioned above the relief header and the equipment being protected. The piping should be routed to eliminate liquid pockets both upstream and downstream of these valves.
- All isolation valves provided on the compressor skid drain shall be ball valves.
- The compressor vent, blowdown line shall have valve and routed to edge of base plate. The end connection shall be flanged as per ASME B 16.5.
- Suitable piping supports for all piping shall be provided. The piping support shall be extended from the main skid and after that from the cooler skid up to supplier's battery limit.
- A detailed stress analysis for the package piping shall be done. The analysis reports shall be attached with the final documentation. Vendor shall provide the requirement of acoustical insulation (if any) for the piping in his scope as well as for suction and discharge piping.
- All isolation valves shall be as per the valve specification. All check valves shall be of non-slam type.
- All process valves in natural gas service should be API 6D Monogrammed and through conduit design. Valves up to 300 # rating maybe Ball/ Gate type but above 300 # rating should be preferably through conduit gate valve.
- All piping/ valve/ fitting sizes above 2" NB shall be multiples of 2" NB as per design requirement. OIL's Non - standard sizes like 1 ½" , 3" etc. should not be used for the hook up points.
- All Valves should be flanged end type (including NRV)
- The package shall be complete from the suction skid edge connection to the discharge connection. Suction and discharge lines shall be sized for a maximum actual velocity of 9 m/sec to 12.8 m/sec. The Vendor shall carry out the pulsation study of suction and discharge piping complying with the scrubber nozzle forces and moments.
- The guideline for suction and discharge piping design and preparation for an acoustical simulation analysis shall be as per API 618. The Vendor shall provide the details of special supports (if any).
- To minimize pipe vibrations Vendor shall design pipe runs so that the acoustic length of the pipe run shall not create standing wave that amplifies the pressure pulsation system.
- Typical pipe run with respect to acoustic length to be considered are:
  - Pipe length from suction pipeline to suction scrubber.
  - Pipe length from scrubber to suction dampeners.
  - Pipe length from discharge scrubber to pipeline.
  - Pipe length from discharge pulsation dampeners to cooler.
  - Pipe length from cooler to scrubber.

7.11 Instrumentation and Controls

7.11.1The control philosophy is to operate, control and shutdown the unit in a failsafe manner. The control Panel shall initiate machine trip in case of all mechanical upsets (e.g. temperature rise, vibrations, low coolant flow, low suction pressure etc.), which might result in a major mechanical breakdown. A Process Shutdown (PSD) or an Emergency Shutdown (ESD) shall stop the gas compressor package.
The Vendor shall supply a local control panel (PLC based) mounted on-skid and designed for operation, control, and safeguarding of the compressor system. All operating parameters for the compressor shall be available from the control panel. The control logic shall be done in the local control panel.
Vendor will size and select all instrumentation located within the scope of the skid package, as per the attached P&ID. Sizing calculations shall be provided for approval and verification.
Datasheets in ISA / PTS formats shall be provided by the Vendor for review and approval. Instrumentation and control panel shall be supplied from the recommended instrumentation Vendors approved by OIL.
All equipment, instrumentation, valves etc. shall be tagged in accordance with the approved P&ID. Instruments shall be labelled and cross-referenced in an instrument list which will also indicate the manufacturer, size, model number, calibration range, span limit and set point. Vendor shall also provide other engineering documents such as wiring diagrams, layout drawings, etc., for review and approval. Operating and control philosophy shall be submitted as a part of the offer.
All Instruments shall be intrinsically safe wherever required and approved for use as per electrical area classification. Refer to details of instrumentation and control panel specification **as per Annexure-AD, AE.**

7.12 Speed Control: Speed control of the compressor unit will be carried out from the local control panel.

7.13 Vibration: Vibration sensors shall be provided for compressor frame, each cylinder and cooler and shall be connected to Control Panel for continuous monitoring, alarm and shutdown.

8.0 General
The package (Compressor + Engine + Vessels & Ancillaries) shall be set on a single structural steel skid / base frame with **concrete filling** suitable for installing on gravel packed pad/ anti –vibration pad mounted on pre-finished RCC surface. Vendor is to provide details about design, concrete grade, and structural design. Vendor to note that existing **conventional concrete foundation without anchor bolts** would be available for placement of the compressor package. Vendor to select suitable **anti vibration pad** on the basis of pulsation/skid design analysis report/ recommendations.

8.1 Structural Steel Skid:

The structural design of the skid(s) shall include the following minimum general requirements:

- Steel design shall be in accordance with BS 5950 or AISC.
- The main runners shall be I Beams of appropriate thickness, strength and grade.
- Bi-directional moment resistant frames shall be avoided.
- The thickness of any structural steel plate shall be 8 mm minimum.
- The thickness of gusset and stiffener plates shall be 10 mm minimum.

- The skid shall be designed to minimize field assembly and installation. All shop connections to be designed as fully welded. Field welds shall be NIL, and field connections shall be designed as bolted connections.
- The lifting lugs shall be located on the outside of the longitudinal perimeter beams in order to minimize deflections. A transverse beam must be provided at lifting lug locations.
- The skid shall be designed for a 4 point lift only. Exception for this requirement must be authorized by OIL.
- Tie down lugs or brackets shall be welded to structural members of the skid(s) to allow tie down during transportation.
- Vendor shall supply all chocks / packing pieces, shims etc. (as required)
- For the purpose of levelling, jacking bolts with locknuts shall be supplied by the Vendor.
- The base frame shall incorporate fixtures, rails, space, etc., as required to expedite maintenance. The base frame shall incorporate a sloping drip pan (for oil collection) collecting area covering whole skid, compressor, engine, coupling, piping etc. including a drain point and valve at the lowest point.
- The single structural skid design should take account of load of Engine, Compressor, and other accessories without any bending during lifting.
- Necessary lifting analysis for the complete skid along with the mounted equipment will be carried out and necessary recommendations will be followed to reduce any possibilities of permanent deflection during loading/unloading operations.
- The concrete used for the skid shall be non-shrinking epoxy type with rebar supports.

8.2 Access Platforms

Vendor shall provide suitable platforms for the following items to the extent indicated below unless the equipment or the facilities described are accessible from grade or from any other permanent platforms.

- Compressor and main driver
- Coolers to attend the inlet/return headers with vent and drain valves, driver, and fan assemblies.
- All such platforms and ladders shall be provided with hand railing to prevent fall.

9.0 INSPECTION AND TESTING

9.1 Quality Assurance

Vendor and his major Sub-Vendors shall demonstrate that they operate a quality system in accordance with an internationally recognized standard such as ISO 9001:2000 or agreed equivalent standard, commensurate with the goods and services provided.

The Vendor shall submit a quality control program for OIL's review at the time of proposal in line with the Tender QAP. The Vendor shall provide facilities for and cooperate with OIL and its designated authorized inspectors during manufacturing, assembly, and testing.

9.2 Pre-Inspection Meeting

OIL will initiate this meeting as required. The specification, inspection, testing and packaging procedure will be reviewed with Vendor's manufacturing and quality control personnel.

The Vendor shall provide a Quality Plan/ Inspection and Testing Plan for manufacturing, Testing, and packaging as per the Tender Quality Assurance Plan.

The plan shall cover all quality related aspects of each piece of equipment in the specification and shall indicate inspection points, review points and milestones where OIL shall examine the equipment. At no time will inspection by OIL relieve the Vendor of his quality control responsibilities.

9.3 Inspection and Testing

Inspection & testing of all the components of this package shall be performed by vendor as per the QAP.

In order to enable a proper scheduling of the inspection visits, Vendor is requested to notify OIL at least six (6) weeks prior to the date of inspection if the inspection is to be held is at foreign countries. If the inspection is to be held at India then the minimum notice period is 3 (three) weeks prior to the date of inspection. OIL shall complete inspection within 30 days of receipt of intimation. When components or services are obtained from Sub-Vendor's OIL reserves the right to inspect these items at the point of manufacture. It is the Vendor's responsibility to include OIL's inspection and notification requirements to all sub-orders.

Vendor shall provide free access to his works and that of Sub-Vendor's for the authorized representative of OIL. All certification on the materials, shop test data, etc., shall be made available to verify that the requirements of the purchase order are being met.

The Vendor shall provide test certificates for all tests carried out on component equipment, as detailed in the QAP and the tender.

Test certificates shall be approved by OIL's Representative prior to dispatch and official certificates shall be forwarded within one week of test completion. A witnessed full functional test, including a noise test, shall be carried out on complete package.

For Major components supplied loose, where applicable and for skid mounted, fabricated packages, as minimum, the OIL's Inspector reserves the right to:

- Review Vendor's schedule.
- Review Vendor's quality control procedures.
- Review welding procedures and welder's qualifications before fabrication commences.
- Check code material specifications, mill certificates (when applicable), thickness and pressure ratings.
- Check welding procedures are being followed.
- Witness air receiver / piping hydro test.
- Check equipment layout and that interconnecting piping, wiring and tubing matches layout drawings, material lists, and P&ID's; and is suitable for operation and maintenance.
- Check surface preparation for painting and coating.
- Check painting and coating for number of layers and thickness.
- Function testing of the control and shutdown logic.
- Confirm that all loose components are shipped.
- Other test as stated on the data sheets.

Vendor may use any method of inspection necessary to establish quality control and ensure adherence to specifications. Any weld which does not meet the specifications

or the applicable code requirements or is unacceptable for the service for which it is intended shall be cut out or repaired at no expense.

9.4 Material Testing Requirement

The final non-destructive examination of welds for acceptance purposes shall be carried out after completion of PWHT, if any. Radiography shall be performed before PWHT, in which case an ultrasonic examination shall be performed after PWHT for acceptance purposes.
All weld joints of shell, heads, nozzles, and attachments shall be 100% MPI tested and 100% ultrasonic tested (from remote surface) after PWHT.

Full traceability of all welds is required. The Vendor shall provide a weld map with full traceability to individual weld numbers. The traceable data shall include NDT reports, welding procedure and welder number.

Certification requirements shall be as follows:

- Pressure containing parts in accordance with ISO 10474 3.1
- Non pressure containing parts in accordance with ISO 10474 2.2

Certificate shall be provided in accordance with material requisition covering each item. All certificates should be fully traceable to the item covered and shall be marked with the purchaser order number, item number and tag/part number. They shall be clearly legible, in the English language.

9.5 Gas Engine Performance Test:
Performance testing of the engine shall have to be carried out in accordance with ISO 3046 or equivalent test procedure at manufacturer's works. OIL may depute Engineers for witness of the performance test at vendor's works. All relevant certificates to be submitted to OIL for scrutiny and record.

9.6 Factory Acceptance Test / No Load Mechanical Run Test of Compressor
OIL reserves the right to visit the Vendor's premises to witness an acceptance test of the equipment and shall be given tentative dates at least 2 (Two) months in working days notice, in case of Foreign Country and 1 (one) month in case of India, in writing of readiness for this Testing. The equipment will be thoroughly tested by the Vendor prior to the acceptance test. Prior to the start of the Vendor's testing, a detailed schedule and Test procedure of the tests shall be supplied to OIL. The acceptance test will check compliance with the specification and the vendor is to make available all necessary equipment and services for this test. Notwithstanding the above notice periods the Vendor shall, following receipt of the purchase order submit a schedule identifying details of timing of design, construction, and testing activities.

Factory Acceptance Test procedures shall be submitted by Vendor for OIL's review and approval. The compressor package shall be tested at Vendor's work.

Testing shall include as a minimum for the following:

a) Material inspection
b) Cylinder Hydrostatic test.
c) All pressure vessels and equipment subjected to pressure shall be tested in accordance with ASME section VIII Division I. This includes scrubbers, gas coolers etc.
d) Testing of auxiliaries such as lube oil system, coolers etc. shall be carried out as specified in respective codes at the respective sub-Vendor's shops.

9.7 String test:

Vendor has to specify the infrastructure available to carry out the string test of the compressor package. The location of the site where the string test will be carried is to be mentioned in the bid.

a)A witnessed No Load Mechanical Run Test (NLMRT) of compressor bare block as per Compressor OEM's procedure as approved by OIL

b) A witnessed running string test of the complete unit comprising compressor, seal system, dry flexible coupling, base plate, gas engine, lube oil system, auxiliary skids, instrumentation and all ancillaries. The string Test procedure shall be as approved by OIL.
One no. complete package of each duty i.e. Low-Pressure Booster (LPB) compressor unit and one no. Gas Lift (GL) unit shall be taken up for string test at vendor's works.
The Vendor shall submit test procedures for the FAT of the entire compressor machinery train including gas engine, Dry flexible coupling, auxiliary skids such as scrubbers, air cooled heat exchangers etc.

During the string test of all original components supplied under the Purchase Order shall be used, The compressor and ancillaries shall not leave the factory before all factory acceptances tests (FAT) have been satisfied.

9.8 Site Acceptance Test / Final Acceptance Criteria

After installation and commissioning at OIL's site, the SAT shall be executed in accordance with ISO 1217 for at least 72 hours without any interruptions. Every interruption during the SAT will result in restarting the SAT by resetting the elapsed time of the test to zero (0) hours. However, shutdown or trip due to process conditions will not result in zero reset.
The vendor shall carryout onsite vibration analysis on all the major parts of the package i.e. Compressor Frame, Cylinders, Vessels, Nozzles, Cooler Fan Bearings, if any of the vibration is found outside industry levels, vendor shall take all necessary action to rectify the same. The vibration reading will be taken at 0% load, 50% load and full load conditions for all the units.
Vendor's representative will collect all the operating parameter readings of the compressor package during the SAT as below:

a) at 15 minutes interval for first 4 hours,
b) at 30 minutes interval for the next 4 hours
c) at 1 hours interval for the next period

The completed logbook will be handed over to OIL after certifying the same by OIL's Engineer.
After satisfactory completion of the SAT the Vendor or authorized representative shall sign the 'System Acceptance Note' that shall mean acceptance of the system for operation and the subsequent sustained performance test.

Vendor's representative must be available at site during the SAT period to carry out the test. The final acceptance criteria for the package shall be in accordance with scope of supply and data sheets, applicable codes, standards, and regulations together with additional requirements noted on the functional Operation and Maintenance Philosophy.

The package shall be considered fully commissioned only after the supply and acceptance of all related items of the package, documentations, inspection reports, Testing Reports etc. including Hazardous area approval/ certification for all

electronic/ electrical field instruments, manuals, Inspection Reports, SAT reports, PV analysis report.

9.9 Technical Integrity

The Vendor shall be responsible for the technical integrity of the Compressor package, including: mechanical design, supply of material, manufacture, quality assurance, assembly, testing, performance and specified engineering services. All of these activities shall be in accordance with the scope of supply, this functional specification and data/interface information supplied by the Purchaser. The Vendor shall have single point responsibility for all aspects of the works, inclusive of all components subcontracted or purchased from other parties.

9.10 General Requirement

All costs related to OIL's representatives to & fro journey, accommodation, food for the purpose of inspection, technical meeting will be borne by OIL. However, all costs related to carrying out the inspection, run test etc shall be borne by the vendor.
The Vendor shall provide OIL with reasonable access to his and his sub-Vendor's plant facilities in order to verify that equipment is manufactured and tested as specified.
The Vendor shall provide calibration certificates of testing instrumentation for review by the inspector prior to each test.

10.0 PREPARATION FOR SHIPMENT AND PACKING

All items shall be suitably protected against damage during shipment and storage. On completion of inspection and tests, equipment shall be thoroughly cleaned and dried internally and externally and prepared for shipment. The package shall be adequately protected against corrosion and mechanical damage during shipment to plant site and outdoor storage for period up to one year. Contractor shall consider transit route to site and pack accordingly.

If dispatched in pieces, Vendor shall submit the procedure of assembling for Purchaser's information. Vendor shall provide recommended procedures and checklists for commissioning, start-up.

All special tools and calibration tools required for assembly and commissioning shall be in Vendor's scope of supply.

All flanges shall be covered with metal covers, soft rubber gaskets and held by at least four (4) bolts. Other openings shall be taped closed. Threaded connections shall be capped or plugged for thread protection. Any external components, which may be subject to damage during transit and are not easily protected, shall be removed and packaged separately, to the equipment, for shipment with all openings plugged. Extent of loose supplied items to be marked on equipment drawings.

Exposed shafts and shaft couplings shall be coated with a preservative and wrapped with waterproof moldable cloth, then sealed entirely with waterproofed, cloth-backed duct tape.

Oil lubricated pump bearing housings, equipment cases, stuffing boxes and gearboxes shall be fogged and filled 10 to 50 percent of the internal volume with VSI circulating Oil and then all openings shall be tightly sealed.

Equipment shall be tagged to indicate the type of internal preservative used. Tags shall be waterproof and tear-resistant and shall be attached with stainless steel wire.

Auxiliary piping connections shall be tagged or marked for identification in the field. Each package shall contain lists of contents; one list inside and one list outside of the package. The package shall have external identification corresponding to the order number. All loose items shipped with the equipment shall be tagged with the order number and item identification. Start up / Commissioning spare parts shall be identified separately. The equipment shall be delivered with one copy of the Installation, operation and maintenance manuals.

11.0 SITE SUPERVISION AND COMMISSIONING REQUIREMENTS

The Vendor shall include the services of competent and experienced field engineer(s) /Supervisor(s) for the erection, installation / modifications, testing and commissioning of the equipment covered by this specification. This shall cover competent engineer(s)/ Supervisor(s) of sub-vendors also.
The package shall be considered fully commissioned only after the supply and acceptance of all related items of the package, documentation including Hazardous Area approval for electronic/ electrical field instruments and control Panel.

Vendor shall provide a separate break-down quote for Start-Up and Commissioning Services and Operator Training as per payment schedule.

12.0 GUARANTEE

Vendor shall be fully responsible for all equipment supplied by him including bought out items. All the equipment shall be fully guaranteed for a period of twelve months after commissioning and satisfactory site acceptance test by OIL. Vendor shall guarantee all materials against defect, damage or non-conformity / workmanship. If any defect or non-performance occurs during the guarantee period, Vendor shall make all necessary alteration, repair and replacement at no cost to OIL. Vendor shall also provide a performance guarantee for the Compressor packages.

The Vendor shall provide all Certification for the equipment and shall ensure that, dimensional compatibility, vibration, noise levels and acceptability of pipe loads are within the relevant specification limits.

Vendor shall have the final and total responsibility for the design and performance of all equipment's supplied under this specification.

13.0 DOCUMENTATION

13.1 Documents Required with the bid

Vendor shall provide the following alongwith the bid

a) A preliminary production schedule of the complete package including design, engineering, fabrication, factory testing, installation, commissioning, start up and site activities with bar chart showing major milestones and hold points.
b) Point Performance Runs for all Guarantee points and all Design Points
c) Major Bought out items details as per Vendor List
d) A machinery train general arrangement drawing for the complete package including weights, space required for maintenance.
e) Completed data sheets for the compressor, Engine, Cooler etc.
f) Completed auxiliary equipment data sheets (Gas engine, heat exchangers etc.)
g) P&ID for the complete package including all auxiliaries.
h) Functional description of the compressor package including start up, IPF and emergency shutdown procedures, capacity control, normal operation, etc.

i) Full details of all the electrical items, electrical block diagrams showing all interfacing and interconnections.
j) Electrical load list including all 24V DC loads.
k) Full description and specification of all piping and instrumentation incorporated with the package.
l) Spares (commissioning, insurance) list
m) List of proposed major sub-Vendors.
n) Utility requirement and Consumption (if any).

13.2 Drawings and Documents

The Vendor drawings shall be reviewed and approved by OIL, against the Purchase Order. The approval by OIL does not signify compliance with the purchase order. It should be noted that review by the OIL is for quality assurance purpose only, assuming that Vendor is technically responsible for all technical aspects of design checking. The Vendor is responsible for checking of compliance with the relevant documents like this specification, applicable codes and OIL standards.
Drawing detailing package envelope including installation and maintenance requirement and interface connections shall be supplied by Vendor.

14 .0 TIME SCHEDULE:

Vendor must complete the entire job within 18 (Eighteen) months from receipt of formal order. The schedule of completion of compressors shall be as under: -

Activity	15th Month	17th Month	18th Month
Supply of all the materials LPB	1		
Installation & commissioning of LP Booster Compressor unit complete in all respect (including 72 hrs. commissioning run LPB		1	
Supply of all the materials GL	1	2	3
Installation & commissioning of Gas Lift Compressor unit complete in all respect (including 72 hrs. commissioning run)		2	4

Activity wise break up of milestone chart showing start of activities & completion of activities from zero date (i.e. date of LOA) & commissioning schedule shall be submitted along with the offer.

15.0 Cost of recommended Spare parts for two years operation shall not be considered for bid evaluation. However, the bidder to furnish detailed list of the spare parts and their price for stock provisioning.

16.0 Supplier to stand guarantee for the availability of all spares at least for 15 years after commissioning of the equipment supplied. Undertaking from the Gas Engine OEM shall be submitted along with the bid.

17.0 All electronic/electrical instruments, Junction box used in hazardous area should fulfil the following. The bidder shall confirm the compliance at the time of submission of bid.

a. Item shall be of a type and specification conforming to the relevant standards as specified in the Regulation 107(2) of Oil Mines Regulation-2017 and complying the provisions therein.
b. Bidder should supply documents specifying the type, details of specification, reference of the particular standard, test criteria as per the standards and status of testing, place of testing, copies of test reports from Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body which is not a part of manufacture's facilities.
c. In this regard, Bidder may refer OMR-2017, Notification dated 18th October 2017, published in the Gazette of India, under Ministry of Labour and Employment, Directorate General of Mines Safety, published on 2nd November 2017.

18.0 Penalty during warranty period = To keep the unit fully operational, in case of failure of any item during the warranty period for any manufacturing, design and workmanship defect, 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.

19. Special Terms and Conditions (STC) :

1. The Bidder shall submit their bid in tabular form as per Annexure – AAA: Technical Specification & Annexure – III: Bid Rejection Criteria above.
2. DELIVERY PERIOD: Materials must be delivered within delivery date mentioned in the tender.

3.0 ADVANCE PAYMENT :

3.1 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.

3.2 Advance payment if agreed to by the Company shall be paid only against submission of an acceptable Bank Guarantee 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.

3.3 Bank Guarantee shall be valid for 3 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.

3.4 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.

3.5 Advance payment shall be paid against submission of bank guarantee and approval of drawings. The interest applicable on the advance payment shall be

calculated by OIL and recovered from Supplier while release of 80 % of material cost.

4.0 INDEMNITY AND INSURANCE :

4.1 The Bidder/Seller shall defend or hold OIL harmless from all actions, claims, suits and demands made, against either or both of them in respect of injuries to or death of any person including employees of the Bidder/Seller or non-compliance of any statutory/safety requirement.

4.2 The Bidder/Seller shall also defend and hold OIL harmless for loss of and damage to property arising from the supply of any goods or materials or the erection, installation repair or operation for a period, of any plant hereunder.

5.0. Unloading at Duliajan, Assam shall be carried out by Oil India Limited using its own resources.

6.0 Payment terms = Maximum 80% of the cost of materials shall be paid within 30 days of receipt of materials at destination against undisputed invoice and the remaining payment shall be released within 30 days of successful installation & commissioning.

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Annexure-AA

Design Data Sheet
Details of the Compressor Packages

Table: A

Item No.	Unit	Qty	Duty of Compressors	Capacity (NM^3/Hr)	Design Pressure (Gauge) (Kg/cm^2)		Design Temp. (Deg C)
					Suction	Discharge	Suction
1.	No.	1	LP Booster Compressor	2700	1.50	25.00	50
2.	No.	6	Gas Lift Compressor	3200	14.00	105.00	50

Note:

The above duty conditions (capacities) are at normal operating speed of 900 rpm (75% of the maximum rated speed recommended by manufacture) and after considering other conditions/factors such as altitude, maximum gas temperature, ambient temperature etc.

The gas pressures (both suction and discharge) for the units are likely to fluctuate by 20% of the figures given in Annexure-AA above and the compressor package shall be designed taking the extreme operating conditions. Bidders are required to furnish Capacity availability and other details like HP requirement of the packages at different combinations.

The requirement quantity against each duty of compressor may be increased/ decreased at the time of order placement.

Annexure-AB

Design Data Sheet (Range)

The gas pressures (both suction and discharge) for the units are likely to fluctuate as shown in the table- B below. Bidders are required to furnish Capacity availability and other details like HP requirement of the packages at different combinations and the compressor package shall be designed taking the extreme operating conditions.

Table: B

Item No.	Unit	Qty	Equipment Description	Cont. Operating Pressure (gauge) (KG / CM^2)					
				Suction Range			Discharge Range		
				MIN	NOR	MAX	MIN	NOR	MAX
1.	No.	1	LP Booster Compressor	1.00	1.50	2.50	14.00	20.00	25.00
2.	No	6	GL Compressor	11.00	14.00	15.00	80.00	90.00	105.00

MIN: Minimum, NOR: Normal operating, MAX: Maximum

(i) The gas pressures (both suction and discharge) for the units are likely to fluctuate as shown in the table above. Bidders are required to furnish Capacity availability and other details like HP requirement of the packages at different combinations including extreme operation conditions of suction and discharge pressures.

Annexure-AC

COMPOSITION OF FUEL GAS & GAS TO BE COMPRESSED

The composition of gas to be compressed in each case is shown in the following schedule (typical composition). The gas may be fully saturated with water vapour in the suction, at the suction pressure and temperature condition and hence while computing compressor BHP, it is to be taken in to account. Fuel gas is tapped from GL gas system.

Component	GL Compressor % Volume (approx)	Low Pressure Booster Compressor % Volume (approx)
Methane	80.0 – 88.0	75.0 – 85.0
Ethane	7.5 – 5.0	9.0 – 6.3
Propane	6.5 – 3.0	8.0-4.5
Butane	3.5 – 2.0	2.4 – 1.2
Pentane +	1.5 – 1.0	2.0 – 1.2
Co_2, N_2 Water Vapor etc.	1.0 – 1.0	2.0 – 1.0

INSTRUMENTATION SYSTEM OF ENGINE DRIVEN GAS COMPRESSOR PACKAGE

A. TECHNICAL REQUIREMENTS

1 All instruments supplied shall be from reputed manufacturers and be field proven.

2 Bidder shall provide document and clearly specify the provisions and schemes which they are proposing for control panels, power supply, HMI/ Display facility and UPS (Uninterrupted power supply) distribution scheme etc. Bidder shall take approval during detailed engineering from OIL for the documents and schemes provided and only after the receipt of approval shall proceed further.

3 Proper selection of various component /instruments/item should be carried out for IEC Zone-2 Gr. IIA/IIB T3

4 The system designed shall be complete in every aspect and sufficient for the safe, efficient and easy operation, start up and shut down of the Gas Compressor unit.

5 The control panel shall be placed on the skid of the gas compressor and the same shall be suitable for use in IEC Zone-2 Gr. IIA/IIB T3 and shall have appropriate ingress protection rating.

6 Purged and pressurized control panel is not acceptable.

7 The control panel shall be designed so that minimum time is taken for the maintenance crew to open the panel door without having to remove any nuts and bolts. The use of FLP boxes inside the control panel is not permitted and the use of FLP junction box as the control panel is not permitted.

8 The control panel shall be equipped with a 15 inch touch-screen Human Machine Interface (HMI) unit which shall be easily accessible by the operator. The fault functions shall be both visually (in the control panel HMI/ Display facility) and audibly indicated and shall remain 'ON' until manual reset. All the process parameters shall be displayed on an HMI/ Display facility on the panel. The HMI shall be accessible to the user without opening the control panel.

9 The control panel shall have dedicated hardwired buttons for the following commands: start, stop and reset.

10 It will have sequence starting system to ensure that all functions associated with starting operation are performed in correct sequence such as pre lube, warmup, loading, post lube etc.

11 All required hardware, software for upload and download of control program or making changes in HMI shall be provided. Software shall be provided with lifetime valid licenses.

12 There shall be 20% spare I/O channels for each type of I/O and the same shall be wired upto the terminal block.

13 Field instruments shall be connected to the control panel through isolators where applicable.

14 There shall be the provision for audio visual alarms. Audible alarm shall be through a suitably loud hooter. And visual alarm shall be through a flasher.

15 There shall be provision of first out alarm to identify the cause of unit trip or emergency shutdown.

16 Control panel software shall have protection against un-authorized access. There shall be atleast two types of access levels – Operator Access and Engineering Access protected by user configurable password. Under operator access only viewing and operating privilege shall be granted. Under engineering access all the facility granted under operator access and additionally the permission to change parameters

and set points, alarms limits shall be granted. Additionally under engineering access the permission for enabling and disabling alarms shall be provided.

17 The supplied system shall have provision of both automatic and manual speed control

18 The supplied system shall have provision of both automatic and manual bypass/ recycle control

19 There shall be a provision for timer based operation of the scrubber dump valves.

20 Alarm set point, trip set point, timer set time etc. shall be user configurable through HMI.

21 Compressor speed shall be measured and displayed on the HMI in rpm.

22 Provision of 5Vdc supply shall be kept in the control panel for DNFT switch if required.

23 All electronic field instruments shall operate on 24 volts DC preferably.

24 Gauges for important parameters such as pressures of each stage, temperatures of each stage, compressor lube oil pressure, engine lube oil pressure and any other parameter recommended by OEM shall be provided and the same shall be arranged such that operator can look at all the readings at one place. The gauges shall be arranged such that the gauges are placed in the same area, facing the same direction for the ease of operator.

25 RPM sensor for speed measurement shall be provided which shall be of non-contact type for displaying the speed in RPM.

26 The system shall monitor the following minimum parameters: suction and discharge pressure of each stage; compressor and engine lube oil pressures; fuel gas pressures; suction and discharge temperature at each stage of the compressor; compressor and engine lube oil temperatures; engine exhaust temperatures; fuel gas flowrate and discharge gas flowrate; vibration of compressor, engine and cooler; and any other parameter recommended by OEM for the safe operation of the gas compressor package. In this regard, required sensors/ transmitters etc shall be supplied by the bidder.

27 The system shall shutdown on the following minimum parameters: low and high suction pressures; high discharge pressures; high discharge temperatures; high exhaust temperatures; high cooling water temperature (if applicable); low compressor lube oil pressure; low engine lube oil pressure; high vibration of compressor, engine and cooler; high liquid level in the scrubber vessels; low compressor oil level and low engine oil level and any other parameter recommended by OEM for the safe operation of the gas compressor package. In this regard, required sensors/ transmitters/ switches etc shall be supplied by the bidder.

28 All the above ground cables shall be laid in cable trays. Underground cables shall be laid with proper sand and brick back filling with cable markers.

29 All cables shall have tags plates at source and destination ends identifying the cable.

30 All cable terminations shall have ferrules. All ferrules shall follow cross ferruling identification philosophy in which Source termination point and Destination termination point shall be shown.

31 Power cables shall be laid such that there shall not be any electromagnetic interference with signal cables.

32 All signal circuits shall be grounded as per the instrument manufacturer's recommendations and good practices.

33 All circuits must be grounded at one point only.

34 Earth pit shall be constructed for the control panel.

35 All instrument cases and housing capable of carrying current shall be grounded to the panel structure. The panel structure will in turn be grounded to main ground.

36 Suitable UPS with 230 Vac input and of 4 hours back up which is capable of supplying power to control panel and associated field instruments shall be supplied.
37 Instrumentation tubing and fittings shall be of Sandvik, Swagelok, Parker or Hoke make.

B. TECHNICAL SPECIFICATIONS

1. Control Panel:

The minimum specifications for control panel are as follows:

a) Type : Enclosed self-supporting, rigid assembly & lockable type
b) Material : Metal body
c) Panel shall be provided with lifting lugs for lifting of the panels
d) Ambient Temperature : Maximum 50 deg C
e) Cable connection : Double compression FLP Cable gland
f) Cable entry : Bottom
g) Terminal type : Spring loaded
h) I/O Card mounting rack: As per manufacturer's standard
i) Wired Spare Terminals : 20% of each type of I/O after complete wiring
j) Audio-Visual Alarm: Audio alarm through a hooter on/near the panel and visual alarm on HMI/ Display facility and flasher.
k) Ingress Protection: Ingress Protection: IP 65 or better
l) Shall be suitable for installation in an area classification of IEC Zone II Gas Group IIA/IIB T3

2. Microprocessor based Programmable/configurable electronic logic controller:

Model : Latest model of Programmable/configurable electronic logic controller. Bidder to specify
The minimum specifications for Microprocessor based Programmable/configurable electronic logic controller is as follows:

a) Controller Scan Time: shall be 200ms or less
b) Memory: Size of RAM shall be atleast 32 MB. Memory shall be non-volatile. However, in case volatile memory is provided, battery back-up shall be provided with a minimum of 12 months lifetime to keep the program storage intact. A battery life indication should be provided
c) Processor loading: Shall not exceed 60% of total computing capacity
d) Preferred makes: Altronic, Siemens, Emerson

3. Human Machine Interface (HMI)/ Display facility:

a) The control panel will be equipped with a minimum 15-inch HMI/ Display facility with touch screen facility
- for display of critical engine and compressor process data.
- to facilitate trouble-shooting
- to display SOE (Sequence of Events)
- To display the alarm & trip status
- To change the trip, alarm and timer set point, PID tuning parameters
- To display historical trends

b) The HMI/ Display facility shall be easily accessible and easily configurable. The HMI shall be at eye level for the operator.
c) Preferred makes makes: Altronic, Siemens, Emerson

4. Cables

The minimum specification for cables shall be:

a. Type of cable: PVC Insulated (Fire Redundant Low Smoke) armoured copper cable
b. Armour: Armour shall be of Galvanised steel wire
c. Shield (where applicable): aluminum backed mylar
d. Drain Wire (where applicable): Annealed tin copper

5. Pressure Transmitter:
The minimum specifications for pressure transmitter shall be:

a. Operating Voltage: 24Vdc
b. Ambient temperature & Humidity: 0 to 60 Deg C & 50 to 95% RH
c. Accuracy: +- 0.075% of span or better
d. Stability: +/- 0.2% of span for 5 year or better
e. Ingress Protection: IP65
f. Tx. diaphragm & other wetted parts: SS316, Hastelloy C-276, SS316L or better
g. Electrical area classification: IEC Zone-2 Gr. IIA/IIB T3

6. Pressure Gauge:
The minimum specifications for pressure gauge shall be:

a. Type: Direct Reading, Glycerin Filled
b. Mounting: Local
c. Accuracy: +/- 1.0% of Span
d. Dial size: minimum 100 mm
e. Dial colour: White black lettering
f. Case material: SS
g. Enclosure: IP 66
h. Lens: Laminated safety glass lens
i. Pressure element: Bourdon tube
j. Element Material: SS
k. Socket material: SS
l. Connection: 1/4 inch NPT(M)
m. Over range protection: 130 % of full scale
n. Units: Kg/cm2

7. Temperature Gauge:
The minimum specifications for temperature gauge shall be:

a. Type: Direct Reading, Glycerin Filled
b. Mounting: Local
c. Accuracy: +/- 2.0% of Span
d. Dial size: minimum 100 mm
e. Dial colour: White black lettering
f. Case material: SS
g. Enclosure: IP 65 Lens: Laminated safety glass lens
h. Capillary: SS with armour
i. Units: Deg C

8. Scrubber Level Switch:
The minimum specifications for scrubber level switch shall be:

a. Pressure rating: 40 kg/cm2 minimum
b. Supply voltage: 24Vdc
c. Process Connection: 2” NPTM
d. Float Material: SS or similar
e. Body Material: Metallic
f. Switch type: Snap Action Micro Switch
g. Contact Arrangement: SPDT
h. Electrical area classification: IEC Zone-2 Gr. IIA/IIB T3

9. UPS:

The minimum specifications for UPS shall be:

a. Type: Double conversion On-Line UPS System with IGBT/ DSP based technology
b. UPS rated power: Bidder to indicate the load calculation and mention the required rating of UPS offered.
c. Internal Isolation Transformer required.
d. Input Power: Voltage Range- 160-276 VAC, single phase Phase; Input Power Factor-0.8; Input Frequency range-50±5Hz(45-55Hz)
e. Output Power: Output Voltage-230±1%of rated output voltage, AC,1phase; Static Regulation- +/-3%of nominal regulation; Output Frequency-50Hz±1%; Output waveform- Sinusoidal with relative harmonic not exceeding 4%for linear and non - linear load; Output Power Factor- 0.8 or better.
f. Battery: Sealed Maintenance Free (SMF) Lead Acid battery. Suitable shelf for placement of Batteries shall be provided.
g. Backup time: The UPS should capable to provide 4 hour battery backup time at full load.
h. Battery Rating &Configuration: Total number of batteries required for 4 hour min backup at full load.
i. Bypass Facility: Static &Manual Bypass
j. Indication LCD Panel: The UPS should have a LCD panel with keypad and backlight. It should provide useful information about the UPS itself, operating status & diagnostic indication, load status, events.
k. Measurements and settings. The Event Log and alarms should display on the LCD Panel.
l. Environment: Ambient Operating Temperature Upto 40degC; Relative Humidity- Should not exceed 95% non-condensing.

10. Electronic Hooter:

The minimum specifications for Electronic Hooter shall be:

a. Operating Voltage: 24Vdc
b. Sound Output: Minimum 100 dB
c. Ingress Protection: Minimum IP65
d. Electrical area classification: IEC Zone-2 Gr. IIA/IIB T3

11. Electronic Flasher:

The minimum specifications for Electronic Flasher shall be:

a. Operating Voltage: 24Vdc
b. Effective Intensity: Minimum 100 Cd
c. Ingress Protection: Minimum IP65
d. Electrical area classification: IEC Zone-2 Gr. IIA/IIB T3

12. Oil Level Switch:

The minimum specifications for Oil Level Switch shall be:

a. Float: 304 stainless steel
b. Lens: Tempered glass
c. Snap-Switch: SPDT
d. Electrical Area Classification-IEC Zone-2 Gr. IIA/IIB T3

13. Vibration Measurement:

The minimum specification for Vibration Measurement shall be:

a. Frequency Response: atleast 3 Hz to 1000 Hz
b. Full scale: atleast 0-50mm/s rms
c. Supply Voltage: 24Vdc
d. Output: 4-20ma
e. Electrical Area Classification-IEC Zone-2 Gr. IIA/IIB T3

C. <u>STATUTORY REQUIRMENT</u>

1. All electronic/electrical instruments and equipment to be used in hazardous area shall fulfil the following:
   a Item shall be of a type and specification conforming to the relevant standards as specified in the Regulation 107(2) of Oil Mines Regulation-2017 and complying the provisions therein.
   b Bidder shall provide documents specifying the type, details of specification, reference of the particular standard, test criteria as per the standards and status of testing, place of testing, copies of test reports from Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body which is not a part of manufacture's facilities along with their offer against this tender.
   c In this regard, Bidder may refer OMR2017, Notification dated 18th October 2017, published in the Gazette of India, under Ministry of Labour and Employment, Directorate General of Mines Safety, published on 2nd November 2017

D. <u>COMMON REQUIRMENT FOR THE ENTIRE LOT OF CONTROL PANELS:</u>

1. One numbers (01 nos.) of laptop of suitable configuration for the entire lot of control panels for configuration of controllers and HMI.
2. Laptop shall be configured with all required softwares and connectors for configuration of the controller and HMI.
3. Laptop supplied shall conform to hazardous area certification: IEC Zone-2 Gr. IIA/IIB T3 or equivalent ANSI 12.12.01

Annexure AE

Specifications of Float cum Boast Battery Charger Panel:

An Auto Float Cum Boost Charger panel designed to provide reliable and continuous DC power to the load and backup battery system that ensures continuous power supply for up to 4 hours in case of an AC power failure shall also be supplied as per specification detailed below. This Electrical Panel will be installed in the Safe Area of the Gas Compressor Station. OIL will supply the 230 V AC up to the Panel. Vendor to supply required 24 V DC from the Control Panel up to the Gas Engine (Approximate length of Cable required 90 metres for each package).

i. Operation:
    a. During Mains ON condition, the Float charger shall be ON and continues to supply steady and continuous DC power to the load and float charge the battery is floated to keep it healthy.
    b. In the event of Mains failure, the load shall be directly connected to the battery automatically and without any break in the power supply.
    c. After restoration of power supply, it shall automatically go into charging mode.
    d. If the battery discharged and demands current over a set limit, the Boost charger shall automatically switch to boost mode while continuing to supply steady 24Vdc voltage to the load and come back to float mode when the battery reaches a set value.
ii. Converter Type: Thyristor controlled.
iii. Input Specifications
    a. Input Voltage: 230V AC ±10%
    b. Input Frequency: 50 Hz ±5%
    c. Input Protection: MCCB
iv. Output Specifications
    a. Output Voltage: 24V DC ±1%
    b. Output Current: Min. 20% higher than the required full load. Calculations for Battery Charger Panel with respect to the Engine load shall be submitted along with the offer.
    c. Output Ripple: ≤1% RMS
    d. Output Protection: Overvoltage, short circuit, and single phasing protection
v. Battery Specifications
    a. Battery Type: Sealed Maintenance-Free (SMF) Lead Acid type
    b. Battery Capacity: Adequate to provide 24V DC power for 4 hours under specified load conditions.
    c. Number of Batteries: As required to achieve 24V output.
    d. Make: Exide / Amaron / HBL / Shaft /Luminous
vi. Charger Specifications
    a. Charger Type: Float Cum Boost
    b. Float Mode Voltage: As per battery requirement.
    c. Boost Mode Voltage: As per battery requirement.
    d. Charging Current: As per battery capacity and manufacturer recommendations

e. Charging Stages: Float and Boast.

vii. Indicators and Alarms:
   a. AC Mains On: LED indicator
   b. Charging On: LED indicator
   c. Battery Low: LED indicator and audible alarm
   d. Battery Disconnected: LED indicator and audible alarm
   e. Output Overload: LED indicator and audible alarm

viii. Monitoring & Metering:
   a. Digital/Analog display for monitoring voltage, current, and battery status
   b. Optional RS485/RS232 communication port for remote monitoring.

ix. Mechanical Specifications
   a. Enclosure: Powder-coated mild steel / Stainless steel (IP54/IP65)
   b. Dimensions: As per design and battery size
   c. Mounting: Floor or wall-mounted
   d. Cable Entry: Bottom/Top entry as per site requirement

x. Documentation
   a. Following documents to be supplied along with the offer.
      - Technical catalog of the offered Battery Charger and Batteries
      - Calculations for Battery Charger Panel output current rating with respect to the Engine load.
   b. Following documents to be supplied after placement of the order for OIL's approval.
      - Battery calculation and selection sheet.
      - Technical Datasheet of the offered Battery Charger.
      - Technical Datasheet of the offered batteries.
      - SLD, circuit diagram and BOM of the battery charger.
      - GA drawing of the battery charger and battery bank.
   c. Following documents to be supplied along with the supply:
      - As-built SLD, circuit drawings and BOM of the charger panel.
      - Warranty certificate.
      - Factory test certificate.
      - Operation and Maintenance manual.
      - List of recommended spares.

xi. Warranty: The complete system along shall be offered with min. 1 year warranty from the date of commissioning.

xii. Inspection and testing:
   a. Pre-dispatch testing: All the panels shall be offered for pre-dispatch inspection and testing. Full load testing and functional checks shall be carried out.
   b. Site Testing: Commissioning and testing at the installation site.

xiii. Spares: Following spares shall be provided for the complete supply:
   a. 3 nos. of complete rectifier bridge
   b. 3 nos. of rectifier controller
   c. 3 nos. of each type of pot switch.
   d. 3 nos. of each type of fuses.
   e. 3 nos. of each type of capacitor, shunt & choke used in the filler circuit.

Annexure-AF

Commissioning spares - One set of Commissioning spares is required to be supplied for each type of Compressors i.e., one set for Gas Booster and one Set for Gas Lifter only.

Commissioning Spares for Low Pressure Booster Compressor

Minimum spares as perceived by OIL are shown as Annexure – AF (Along with Price Bid Format) should be included in the offer. However, if bidder feels necessary of any more spares or increase in quantity or items, they should include the same for successful commissioning of the units. Rates quoted for commissioning spares shall be considered for evaluation of offers.

Sl. No	Description	OEM		Vendor	Qty. Reqd.	Unit Rate
		Name	Part No			
1	Compressor valves				05 no. each for suction and delivery of each stage	
2	Piston Rings, Compressors				05 sets for each stage	
3	Packing Rings and springs				05 sets for each stage	
4	Oil Scraper Ring and Spring				05 sets for each stage	
5	Bearings, Compressor i) Con-Rod ii) Main Bearing				i) 2 sets ii) 2 sets	
6	Lube oil filter, compressor				12 sets	
7	Lube oil filter, Engine				24 sets	
8	Spark Plug				02 sets	
9	Ignition coil				02 sets	
10	Engine water pump				02 sets	
11	Aux. water pump sets with V-Belts				04 nos each	
12	Cylinder Head Gasket				16 nos.	
13	Tappet Screw				16 nos.	
14	Push rod/ hydraulic lifter				16 nos.	
15	Exhaust manifold gasket				16 nos.	
16	Carburettor diaphragm				04 nos	
17	Cooler fan bearings per cooler				01 set	
18	Cooler fan blade				06 nos.	
19	Lubricator pump element & quill (NRV)				05 set	

20	Engine Coolant				As per requirement Of initial fill up and make up during commissioning run	
Sl. No	**Description**	**OEM**		**Vendor**	**Qty. Reqd.**	**Unit Rate**
		Name	**Part No**			
					plus, 3months operation (approx.800 litres/unit)	
21	Lube Oil for Compressor				As per recommendation of OEM for commissioning run plus for first oil change. (approx. 150 Litres/unit)	
22	Lube oil for Engine				As per OEM's recommendation for commissioning run plus for first oil change (approx. 1000 litres/unit)	
23	Ignition Module				01 set	
24	ESM				01 set	
25	Field Instruments (all instrument)				01 set	
26	Control panel components relays, I/O cards, switches, fuse etc.)				01 set	
27	Inlet Air Filter with Prefilter for Gas Engine				05 sets	

Commissioning Spares for Gas Lifter Compressor

Minimum spares as perceived by OIL are shown as Annexure – AF (Along with Price Bid Format) should be included in the offer. However, if bidder feels necessary of any more spares or increase in quantity or items, they should include the same for successful commissioning of the units. Rates quoted for commissioning spares shall be considered for evaluation of offers.

Sl. No	Description	OEM		Vendor	Qty. Reqd.	Unit Rate
		Name	Part No			
1	Compressor valves				05 no. each for suction and delivery of each stage	
2	Piston Rings, Compressors				05 sets for each stage	
3	Packing Rings and springs				05 sets for each stage	
4	Oil Scraper Ring and Spring				05 sets for each stage	
5	Bearings, Compressor i) Con-Rod ii) Main Bearing				 i) 2 sets ii) 2 sets	
6	Lube oil filter, compressor				12 sets	
7	Lube oil filter, Engine				24 sets	
8	Spark Plug				02 sets	
9	Ignition coil				02 sets	
10	Engine water pump				02 sets	
11	Aux. water pump sets with V-Belts				04 nos each	
12	Cylinder Head Gasket				16 nos.	
13	Tappet Screw				16 nos.	
14	Push rod/ hydraulic lifter				16 nos.	
15	Exhaust manifold gasket				16 nos.	
16	Carburettor diaphragm				04 nos	
17	Cooler fan bearings per cooler				01 set	
18	Cooler fan blade				06 nos.	
19	Lubricator pump element & quill (NRV)				05 set	
20	Engine Coolant				As per requirement Of initial fill up and make up during commissioning run	
		OEM				

Sl.	Description	Name	Part No	Vendor	Qty. Reqd.	Unit
					plus, 3months operation (approx.800 litres/unit)	
21	Lube Oil for Compressor				As per recommendation of OEM for commissioning run plus for first oil change. (approx. 150 Litres/unit)	
22	Lube oil for Engine				As per OEM's recommendation for commissioning run plus for first oil change (approx. 1000 litres/unit)	
23	Ignition Module				01 set	
24	ESM				01 set	
25	Field Instruments (all instrument)				01 set	
26	Control panel components relays, I/O cards, switches, fuse etc.)				01 set	
27	Inlet Air Filter with Prefilter for Gas Engine				05 sets	

Annexure-AG

VENDORS LIST

Sr No	Item / equipment	Name of Vendor
a)	Gas Engine	Caterpillar INNIO Waukesha
b)	Aerial Cooler	Harsco Air-X-Limited, USA/UK AXH air-coolers, Tulsa, Oklahoma,USA Air Cooled Exchangers, Tulsa,USA Alfa Laval Chart Industries Air-Fin Industries

Sr No	Item / equipment	Name of Vendor
		Patel Air Temp
c)	Coupling	Rexnord CMR type Flender, Germany
d)	Divider Block Lubrication	CPI, Stafford, Texas, USA Compressor OEM
e)	Control Panel	Altronic, LLC,Girard, Ohio, USA Siemens Energy FW Murphy ABB, AMOT
f)	Pressure/Temperature gauges	ODIN WIKA Murphy McDaniel
g)	Pressure/Temperature Switches	Switzer Danfoss Indfoss
h)	Level Switches	Norriseal Murphy Fisher Rosemount Invalco Magnetrol Kimray
i)	Level gauges	Levcon Chemtrols Norriseal
j)	RTD/Thermocouple	Nagman GIC ALTOP Waaree
k)	Solenoid Valve	ASCO Rotex
l)	Control valves & Valve Positioners	Emerson MIL Samson
m)	Junction Box & cable Gland	Baliga, Chennai Flexpro Sterling
n)	I.S. Zener Barrier	MTL P&F Electronics
o)	Vibration Sensors	FW Murphy AMOT Controls Metrix (USA)
p)	Flow Meters	Emerson Rockwin Cameron
q)	Pressure regulators	Emerson ShavoNorgren ABB Fisher Kimray

Sr No	Item / equipment	Name of Vendor
r)	PLC	Altronics Murphy Amot Allen Bradley Siemens
s)	Pressure/DP Transmitter/Temp. Transmitter	Emerson ABB Honeywell Yokogawa Altronic Controls
t)	I/P Converter	Fisher ABB Honeywell Yokogawa
u)	SS Tubing	Sandvik, Sweden
v)	SS Tubing fittings	Swagelok , Hylok, Parker
w)	Anti Vibration Pad	Bilz Vibration Technology AG, Germany
x)	Acoustic Pulsation Study Static & Dynamic Skid Design MNF Study	Wood group, Beta machinery Services SVT SWRI

Note:

The supplier/ packager to avail approval of each instrument with detail datasheet, make etc. after placement of order.

Note:

The vendor list except for Gas Engine is for reference purpose. The supplier/ packager to avail approval of each instrument with detail datasheet, make etc. after placement of order.

A.1.2 Vendor's design

	Ref. subclause	ISO 13631 — Packaged reciprocating compressor — Data sheet Vendor's design					Rev. No.
1			**Vendor**	**Purchaser**			
2		Company					
3		Address					
4							
5							
6							
7							
8		Telephone					
9		E mail					
10		Fax					
11		Contact 1					
12		Contact 2					
13		Cost estimate only [ ] For purchase [ ]					
14		Project name: No.: Service:					
15		Inquiry No.: Proposal No.: Date: No. of units: Delivery quoted:					
16							
17		**MISCELLANEOUS**					
18		Copies furnished of: Proposal Reports Drawings Data books Curves Miscellaneous:					
19	5.1	Performance curves: YES [ ] NO [ ] Range:					
20	5.3	Drawings: Approval [ ], As-built [ ]. Miscellaneous [ ] Details:					
21	5.4	Noise emission: Actual sound pressure level: dB(A)					
22	5.7	Torsional report: YES [ ] NO [ ]					
23		**COMPRESSOR**					
24		Manufacturer: Model: Rated speed: r/min. Rated power: kW					
25		Stroke: mm Av. piston speed: m/s. Piston rod diam. mm					
26		Max allowable continuous combined rod load: compression/tension / kN					
27	6.1.4	Unbalanced forces and moments	Primary	Secondary			
28		Horizontal force: kN					
29		Vertical force: kN					
30		Horizontal moment: kN·m					
31		Vertical moment: kN·m					
32	6.9.1.1/6.9.3	Distance pieces: Type: 1 / 2 / 3 Pressure-relief devices: YES [ ] NO [ ]					
33	6.11.6/6.11.7	Crankcase lube system: l. storage tank; with Level gauge: YES [ ] NO [ ] Oil heater: YES [ ] NO [ ]					
34	6.12.1	Cylinder lube system: Block / Pump to point type. With: line filters [ ], flow meter [ ], fault indicators [ ]					
35	6.12.2	Cylinder lubricator l. storage tank. With level gauge: YES [ ] NO [ ]					
36	6.13.1.4	Proposed welding code:					
37	6.14.2	Coupling: Type: Manufacturer: Model: Disc pack: Steel / Stainless steel					
38		**COMPRESSOR CONSTRUCTION FEATURES**					
39	6	Service					
40		Stage					
41		Cylinder bore — mm					
42	6.5.2.2	Cooled / non-cooled cylinder					
43		**Materials**					
44		Cylinder					
45		Cylinder liner (if furnished)					
46		Piston					
47		Piston rings					
48		Wear bands					
49		Piston rod					
50		Piston rod base metal hardness — HRC					
51		Piston rod coating					
52		Coating hardness — HRC					
53		Valve seats					
54		Valve guards					
55		Valve plates					
56		Valve springs					
57		Rod packing case					
58		Rod pressure packing rings					
59		Rod wiper packing rings					
60		Crankshaft					
61		Crankshaft main journal bearings					
62		Connecting rod					
63		Connecting rod bearings					
64		Crosshead					

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65		**COMPRESSOR CONSTRUCTION FEATURES** (CONTINUED)					Rev.
66		Crosshead pin					
67		Crosshead pin bushing					
68		Crosshead shoes (if furnished)					
69		Cylinder indicator connections					
70		**COMPRESSOR PERFORMANCE**					
71		Case					
72		Service					
73		Stage					
74		No. of cylinders					
75		Cylinder bore mm					
76		Rated discharge gauge pressure MPa (bar)					
77		Max allowable working temp. °C					
78		Cylinder action (DA/SACE/SAHE)					
79		Flange size/rating/facing type					
80		Piston displacement/cylinder m^3/s					
81		Molar mass kg/kmol					
82		c_p/c_V (k) value					
83		Critical pressure MPa (bar)					
84		Critical temperature K					
85		Compressibility (z) at suction					
86		Compressibility (z) at discharge					
87		Suction pressure MPa (bar)					
88		Discharge pressure MPa (bar)					
89		Suction temperature °C					
90		Discharge temperature adiabatic °C					
91		Discharge temp estimate actual °C					
92		Required capacity m^3/h					
93		Quoted capacity m^3/h					
94		Compression power/stage kW					
95		Compression power total kW					
96		Accessories power kW					
97		Compressor rated power kW					
98		$\left(\frac{\text{Compressor rated power}}{\text{Engine site rated power}}\right) \times 100\ \%$					
99		Rated speed r/min					
100		Average piston speed m/s					
101		Cylinder clearance HE %					
102		Cylinder clearance CE %					
103		Total cylinder clearance %					
104		Volumetric efficiency HE %					
105		Volumetric efficiency CE %					
106		Total volumetric efficiency %					
107		Rod load (gas) — compression kN					
108		Rod load (gas) — tension kN					
109		Combined rod load — compression kN					
110		Combined rod load — tension kN					
111		Clearance pocket position % open					
112		Valve spacers installed quantity/cyl					
113		Valve velocity — average m/s					
114		Valves/cyl end — suction/discharge					
115		Valve type and size mm					
116		Valve lift mm					
117		Valve area mm^2					
118							
119		**COMPRESSOR CAPACITY CONTROL**					
120		**PARTIAL LOAD OPERATION**					
121		Case					
122		Service					
123		Stage					
124		Cylinder action — (DA/SACE/SAHE)					
125		c_p/c_V (k) value					
126		Critical pressure MPa (bar)					
127		Critical temperature K					
128		Compressibility (z) at suction					
129		Compressibility (z) at discharge					

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130		**PARTIAL LOAD OPERATION** (CONTINUED)					Rev.
131		Suction pressure MPa (bar)					
132		Discharge pressure MPa (bar)					
133		Suction temperature °C					
134		Discharge temperature adiabatic °C					
135		Discharge temp estimate actual °C					
136		Required capacity m^3/h					
137		Quoted capacity m^3/h					
138		Compression power/stage kW					
139		Compression power total kW					
140		Accessories power kW					
141		Compressor rated power kW					
142		$\left(\frac{\text{Compressor rated power}}{\text{Engine site rated power}}\right) \times 100\ \%$					
143		Actual speed					
144		Cylinder clearance HE %					
145		Cylinder clearance CE %					
146		Clearance pocket position % open					
147		Valve spacers installed quantity/cyl					
148		Clearance plug: Yes/No					
149		Clearance bottle: Yes/No					
150		Valve unloaders: Yes/No					
151		Capacity control bypass: Yes/No					
152							
153	7.3	Speed variation: YES [ ] NO [ ]: Range to r/min. Manual [ ] Automatic [ ]					
154	7.4.2	Clearance pockets Fixed (open/closed) [ ] Variable [ ] None [ ] Manual/Automatic Cylinders 1 / 2 / 3 / 4					
155	7.4.3	Valve spacers: Head end: No Cyl 1 / 2 / 3 / 4 Crank end: No Cyl 1 / 2 / 3 / 4					
156	7.4.4	Clearance bottles: YES [ ] NO [ ] Cylinders: 1 / 2 / 3 / 4					
157	7.4.6	Clearance plugs: YES [ ] NO [ ] Cylinders: 1 / 2 / 3 / 4					
158	7.6.2/7.6.3	By-pass system: Start-up [ ], Capacity control [ ]; Manual [ ] Auto [ ]; Hot [[Cold [ ]					
159	7.6.2	Valve unloaders: YES [ ] NO [ ]; Plate depressors [ ], Plug [ ]; Manual [ ] Auto [ ] Cyl: 1 / 2 / 3 / 4					
160	7.7	Suction pressure-reducing valve: YES [ ] NO [ ]					
161							
162		**PRIME MOVER — GAS ENGINE**					
163		Manufacturer: Model:					
164		Site rated power: kW; Max. allowable speed r/min Min. allowable speed r/min					
165		No. of power cylinders: Bore: mm. Stroke: mm. Displacement: m^3					
166		Turbo-charged [ ], Naturally aspirated [ ]; Compression ratio: Fuel consumption: kJ/kW·h					
167	8.2.3	Starting system: electric / air / gas; ampere-hour battery [ ] Charging generator YES [ ] NO [ ]					
168	8.2.4.2	Air filter manufacturer's standard dry type [ ]; Other [ ] Details:					
169	8.2.4.6	Air filter pressure-drop indicator: YES [ ] NO [ ]					
170	8.2.5	Exhaust silencer: manufacturer's standard [ ] Other [ ] Spark-arresting YES [ ] NO [ ]					
171	8.2.7.1	Sound attenuation: Personnel protection [ ] Details:					
172	8.2.7	Exhaust gas emissions: from manufacturer's performance test [ ] or from actual stack test data [ ]					
173	8.2.7.3	NO_X: Non-methane hydrocarbons: CO_2: SO_2: At rated power [ ], nameplate rating [ ]					
174	8.2.9	Crankcase oil storage tank: YES [ ] NO [ ] Capacity: litre					
175	8.2.10/8.2.12	Fuel gas filter/separator: YES [ ] NO [ ] Crankcase pressure relief devices: YES [ ] NO [ ]					
176							
177		**PRIME MOVER — ELECTRIC MOTOR**					
178	8.3.1	Manufacturer: Model: IEC rating kW					
179		Synchronous / Induction Rated power: kW; Rated speed: r/min. Service factor					
180		Frame type: Enclosure type:: Volts: Phase: Frequency: Hz					
181		Electrical area classification: Insulation: Temperature rise: °C above °C					
182		Space heater YES [ ] NO [ ] Volts: Phase: Frequency: Hz.					
183		Starter YES [ ] NO [ ]; IEC rating: Manufacturer: Full voltage [ ] reduced voltage [ ]					
184		Variable speed: YES [ ] NO [ ]					
185		Accessories: Temperature detectors [ ], Vibration sensing [ ] Other:					
186							
187		**COOLING SYSTEM**					
188		Manufacturer: Model: On compressor skid [ ] separate skid [ ]					
189		Vertical [ ] Horizontal [ ] Electric driven [ ] Vee-belt driven [ ] Fans: No.: diam. mm. Tip speed m/s					
190	9.3.1.3	Sight-flow [ ] and/or temperature indicators [ ] Gas after cooler to °C: YES [ ] NO [ ]					
191		MAWP MPa (bar): Water side: Gas side:1st stage: 2nd stage: 3rd stage: 4th stage: After cooler:					
192	9.6.8	Control: Automatic [ ] Manual [ ] on interstage gas [ ] and/or final discharge gas [ ]					
193		Control by: Louvres [ ], variable pitch fans [ ], variable speed fans [ ], recirculation [ ], Other [ ]					
194	9.6.9	Cooler insect screens: YES [ ] NO [ ], Hail guards: YES [ ] NO [ ]					

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195	10	**PRESSURE VESSELS**					Rev.
196	10.3.1	Pulsation study: YES [ ] NO [ ] Details:					
197		**Separators**	Stage 1	Stage 2	Stage 3	Discharge	
198		Pressure vessel design code					
199		Inside diameter mm					
200		Seam-to-seam length mm					
201		Design gauge pressure MPa (bar)					
202		Design temperature °C					
203		Mesh pad/vane mist extractor					
204		Mist extractor material					
205		Manual drain YES/NO					
206		Type automatic drain control					
207		Type automatic drain valve					
208		Level gauge glass YES/NO					
209		Pressure indicator YES/NO					
210		Inlet flange size/rating/facing/type					
211		Outlet flange size/rating/facing/type					
212		Corrosion allowance mm					
213		Weld pads/saddles YES/NO					
214							
215		**Suction pulsation/volume bottles**	Stage 1	Stage 2	Stage 3		
216		Pressure vessel design code					
217		Volume m^3					
218		Swept volume factor (Annex B)					
219		Inside diameter mm					
220		Seam-to-seam length mm					
221		Design gauge pressure MPa (bar)					
222		Design temperature °C					
223		Inlet flange size/rating/facing/type					
224		Outlet flange size/rating/facing/type					
225		Corrosion allowance mm					
226		Type drain opening					
227		Weld pads/saddles YES/NO					
228							
229		**Discharge pulsation/volume bottles**	Stage 1	Stage 2	Stage 3		
230		Pressure vessel design code					
231		Volume m^3					
232		Swept volume factor (Annex B)					
233		Inside diameter mm					
234		Seam-to-seam length mm					
235		Design gauge pressure MPa (bar)					
236		Design temperature °C					
237		Inlet flange size/rating/facing/type					
238		Outlet flange size/rating/facing/type					
239		Corrosion allowance mm					
240		Type drain opening					
241		Weld pads/saddles YES/NO					
242							
243		**PIPING AND APPURTENANCES**					
244	11.1.4	Vendor will supply all piping from package suction to package discharge: YES [ ] NO [ ]					
245		Or piping supply shall be as follows:					
246		**Suction**: from separator [ ], pulsation-suppression device [ ], compressor nozzle [ ], other[ ]					
247		Details:					
248		**Interstage**: from separator [ ], pulsation-suppression device [ ], compressor nozzle [ ], sidestream connection [ ], complete interstage piping system [ ], other [ ]					
249		Details:					
250		**Discharge**: to cooler discharge [ ], pulsation-suppression device [ ], compressor nozzle [ ], spool piece from final discharge cooler to discharge separator [ ], other [ ]					
251		Details:					
252		Piping, vessels and thermowells arranged for heat tracing and/or insulation YES [ ] NO [ ]					
253	11.10	Valves in flammable or toxic service to have bolted or welded bonnets [ ], bolted glands [ ], be fire-safe [ ]					
254	11.13	Temporary start-up screens YES [ ] NO [ ]; Removable spool-piece YES [ ] NO [ ]					
255	11.14.2	Oil piping downstream of filters: steel [ ] or austenitic stainless steel [ ]					
256	11.15.1	Complete on-skid coolant piping system YES [ ] NO [ ]					
257	11.17.2	Common distance piece vent header YES [ ] NO [ ]					

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258		**PIPING AND APPURTENANCES** (CONTINUED)						Rev.
259	11.17.3	Common distance piece drain header: YES [ ] NO [ ]						
260	11.17.4	Common packing vent header: YES [ ] NO [ ]						
261	11.18.6	Relief and blowdown valves vent to atmosphere [ ], common header [ ] or other [ ]						
262		Details:						
263	11.1-11.8	Process piping	Suction	1st interstage	2nd interstage	3rd interstage	Discharge	
264		Piping ID mm						
265		Design gauge pressure MPa (bar)						
266		Design temperature °C						
267								
268		Relief valve size mm						
269		Relief valve rating MPa (bar)						
270		Relief valve setting MPa (bar)						
271		Relief valve orifice mm						
272		Block valve size mm						
273		Block valve rating MPa (bar)						
274		Check valve size mm						
275		Check valve rating MPa (bar)						
276								
277								
278		**ELECTRICAL SYSTEMS**						
279	12.2	**Electric motors**						
280		Service						
281		Manufacturer						
282		Model						
283		Speed						
284		IEC rating						
285		Volts						
286		DC/AC phase/frequency						
287		Enclosure type						
288		Service factor						
289		Motor control manufacturer						
290		IEC rating						
291								
292	12.5	Electrical material suitable for tropical location: YES [ ] NO [ ]						
293								
294		**INSTRUMENTS AND CONTROLS**						
295	13.1.1	In addition to any capacity control, the following control systems are included:						
296		Function						
297		Manual/Auto						
298	13.1.6	Pneumatic instrument supply: gas [ ] or instrument air [ ]						
399	13.2.2/13.2.3	Panel: free-standing [ ], skid-mounted [ ], off-skid [ ]. With enclosed back: YES [ ] NO [ ]						
300	13.2.5	Wiring to remote panels: in conduit [ ], armoured cable [ ] on cable trays [ ]						
301	13.3.1	Panel-mounted digital [ ] or analog [ ] tachometer						
302	13.3.2-13.3.5	Liquid-filled temp. indicators [ ], liquid-filled pressure indicators [ ], fuel gas meter [ ], shut-off valves [ ]						
303								
304								
305								
306		**NOTES**						
307								
308								
309								
310								
311								
312								
313								
314								
315								
316								
317								
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319								
320								

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321		SHUTDOWNS, ALARMS AND ANNUNCIATORS										Rev.
322	14.1	Shutdowns, alarms and annunciators: pneumatic [ ], hydraulic [ ] or electric [ ]										
323	14.3	Note: X indicates the desired action type and location of annunciation and location of the sensor. Mark each box for multiple requirements	Desired action			Type and location of annunciation				Sensor location		
			Shutdown	Alarm	Indicator	Visual	Audible	Panel	Remote	Panel	Local	
324		**COMPRESSOR**										
325		Suction gas pressure — first stage										
326		Low	X									
327		High										
328		Suction gas pressure — interstage										
329		Low										
330		High										
331		Discharge gas pressure — interstage										
332		Low										
333		High	X									
334		Discharge gas pressure — final stage										
335		Low										
336		High	X									
337		Lubricating oil pressure										
338		In-filter										
339		Out-filter										
340		Low	X									
341		Lubricating oil temperature										
342		In										
343		Out										
344		High										
345		Gas temperature — each stage										
346		Suction										
347		Discharge — each cylinder	X									
348		High — each cylinder										
349		Lubricating oil level										
350		Low — frame										
351		Low — lubricator										
352		Lubricator — no flow	X									
353		Vibration — high	X									
354		Cylinder coolant temperature										
355		In										
356		Out — each cylinder										
357		High										
358												
359												
360		**GAS ENGINE** (if furnished)										
361		Manifold press./vacuum — High/low										
362		Coolant temperature										
363		In										
364		Out										
365		High	X									
366		Lubricating oil temperature										
367		In										
368		Out										
369		High										
370		Lubricating oil pressure										
371		In — filter										
372		Out — filter										
373		Low	X									
374		Coolant pressure										
375		In										
376		Out										
377		Low										

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378		**SHUTDOWNS, ALARMS AND ANNUNCIATORS** (CONTINUED)										Rev.
379		Note: X indicates the desired action type and location of annunciation and location of the sensor. Mark each box for multiple requirements	Desired action			Type and location of annunciation				Sensor location		
			Shutdown	Alarm	Indicator	Visual	Audible	Panel	Remote	Panel	Local	
380		**GAS ENGINE** (continued)										
381		Fuel gas pressure										
382		High	X									
383		Low	X									
384		Starting air/gas pressure										
385		Vibration — High	X									
386		Lubricating oil level										
387		Low										
388		Overspeed	X									
389												
390												
391		**ELECTRIC MOTOR** (if furnished)										
392		Stator winding temperature										
393		High	X									
394		Vibration — High	X									
395												
396												
397		**OTHER**										
398		Cooler vibration — high	X									
399		Cooler coolant level										
400		Low	X									
401		Separator liquid level										
402		High	X									
403		Low										
404												
405												
406												
407	14.6.3	Furnish blowdown valve: YES [ ] NO [ ] To open automatically on shutdown: YES [ ] NO [ ]										
408												
409		**SKID**										
410	15.1	Structural steel [ ], Pre/post stressed concrete [ ], Concrete filled structural steel [ ],										
411		Other [ ] Details:										
412	15.2.6	Number of foundation bolts per side:										
413	15.4	Beam: Flange mm Mass kg Floor plate: YES [ ] NO [ ] Walkways: YES [ ] NO [ ] Stairs: YES [ ] NO [ ]										
414			Main skid									
415		Height: mm										
416		Width: mm										
417		Length: mm										
418		Mass: kg										
419												
420		**PAINT AND PAINTING**										
421	16.1	Package: Vendor's/Packager's standard [ ] Special [ ] Details:										
422	16.1	Compressor: Vendor's/Manufacturer's standard [ ] Special [ ] Details:										
423	16.1	Prime mover: Vendor's/Manufacturer's standard [ ] Special [ ] Details:										
424	16.6	Air cooler ducting/structure: Vendor's/Manufacturer's standard [ ] Special [ ] Details:										
425		Heat exchanger: Hot-dipped galvanizing [ ] Special [ ] Details:										
426		Headers: Vendor's/Manufacturer's Standard [ ], Hot-dipped galvanizing [ ], Special [ ] Details:										
427												
428		**INSPECTION AND TESTING**										
429	17.1.3/17.3	Tests performed: Review of quality control [ ], Hydrostatic [ ], Mechanical run [ ], Package leak test [ ]										
430		Other [ ] Details:										
431												
432												
433		**PREPARATION FOR SHIPMENT**										
434	19.4.1	Export crated: YES [ ] NO [ ], Vendor storage: YES [ ] NO [ ] Special shipment preparation: YES [ ] NO [ ]										
435		Details:										
436												
437												

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438		**CORROSIVE GASES**				Rev.
439	20.1	Corrosive gases compressed: YES [ ] NO [ ]				
440		Piston rod: precip. hardened stainless steel [ ] or 4140 annealed to HRC22 [ ] with hardening in packing area by chrome plating [ ] or tungsten carbide coating [ ] or NACE MR 0175 equivalent material [ ]				
441		Purged packing case: YES [ ] NO [ ] with sweet natural gas [ ] or inert gas [ ] Type:				
442		Distance piece: Type 1 / 2 / 3 Evacuated [ ] or purged [ ] with sweet gas [ ] or inert gas [ ] Type:				
443						
444		**Materials:**				
445		Process piping:		Valves:		
446		Cold side		Suction block valve		
447		Hot side		Discharge block valve		
448		Bypass		Bypass valve		
449		Vent lines		Blowdown valve		
450		Drain lines		Check valve		
451		Pulsation suppressors:		Utility process valves		
452		Suction		Relief valves		
453		Discharge		Instrumentation:		
454		Separators:		Separator controls		
455		Suction		Pressure switches		
456		Interstage		Temperature switches		
457		Discharge		Tubing		
458		Gas cooler:		Fittings		
459		Header				
460		Tubes				
461						
462		**OFFSHORE AND/OR MARINE ENVIRONMENT**				
463	21.1.3	Corrosive environment YES [ ] NO [ ]				
464	21.2	Cooler headers: Vendor's/Manufacturer's standard paint [ ] or hot-dipped galvanizing [ ] or special [ ]				
465		Details:				
466	21.9.3	Block valves furnished: YES [ ] NO [ ] Suction [ ] and/or discharge [ ], Manual [ ] or pilot operated [ ]				
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Annexure-C

Sample QAP for Gas Compressor Packages

PR 1427077

Sl. No.	Inspection Activity	Extent of Check	Reference Documents	Acceptance Criteria	Document Required	Inspection Agency		
						Vendor	**Sub Vendor**	**OIL**
(A) BARE COMPRESSOR								
(A-1) RAW MATERIAL & IN PROCESS INSPECTION								
1A	Material Test Certificate for Crank Case, Crankshaft, Con Rod, Cylinder, Piston, Piston Rod, Liner and Cylinder Heads	Full/ Batch	PO / Datasheet	PO/Datasheet/ VENDOR Mat. Standard	Material Test compliance certificate	R	P	R
1B	Compliance Certificate for Distance piece, Piston Nut, Conrod Bolt, Main Bearing Bolt and Nut and guides	Full/ Batch	PO/ Datasheet	PO/Datasheet/ VENDOR Mat. Standard	Material Test compliance certificate	R	P	R
2	Hydrotest for Cylinder	100%	PO / Datasheet/ DR Hydro Test Procedure	No Leakage/ VENDOR Hydro Test Procedure	Test certificate	P	-	W
3	PneumaticTest for Cylinder	100%	PO / Datasheet/ VENDOR Pneumatic Test Procedure	No Leakage/ VENDOR Pneumatic Leak Test Procedure	Test certificate	P	-	R
4	Ultrasonic Test for Crankshaft, Con Rod,& Piston Rod	100%	PO/ Datasheet/ VENDOR MT PROC	PO / Datasheet/ VENDOR MT PROC	Test certificate	P	-	R
5	Magnetic Particle Test for Crankshaft , Con Rod & Piston Rod	100%	PO/ Datasheet/ VENDOR MPT PROC	PO / Datasheet/ VENDOR MPT PROC	Test certificate	P	-	R
(A-2) FINAL INSPECTION / TESTING								
1	Barring Over to check Cylinder end clearances / Rod Runout	100%	As per VENDOR Run Test Procedure	VENDOR Run Test Procedure	Test certificate	P	-	R
2	4 hrs. No Load Mechanical Run Test of Bare Compressor with shop driver and shop lube oil system	100%	As per PO/ VENDOR Run Test Procedure	PO/VENDOR Run Test Procedure	Test certificate	P	-	W
3	Partial Stripping & Internal Inspection after No Load Mechanical Run Test	100%	As per PO/ VENDOR Run Test Procedure	VENDOR Run Test Procedure	Test certificate	P	-	W

(B)	**VOLUME BOTTLES, SUCTION & DISCHARGE KOD**							
1	Review of MTC & Material Identification for Pressure parts including Flanges, Butt Weld Fittings, Pipes	Full Batch	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	MTC/ Test Certificate	R/W	P	R
2	WPS/PQR	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	WPS/PQR test report	R/W	P	R
3	Finished End dimensions with thickness check with DP test of KR	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Dimension Report	R/W	R/W	R
4	Set-ups (L-Seam, C-Seam, Nozzle to shell)	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R/W	R/P	R
4A	Backchip DP Test	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R/W	R/P	R
4B	DP Test of Weld Joints as required by Code Requirement	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R/W	R/P	R
4C	Fitment of Internals	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R/W	R/P	R
5	Radiography Examination	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Test Report/ RT Films for Review	R	R/P	R

6	Final, Visual & Dimensional Check	Full	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R	R/P	R
7	Hydrostatic Test	100%	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Test Report	R/W	R/P	R
8	Final Paint visual and DFT Check	At Random	As per Paint Procedure	Conf. to paint procedure	Test Report	R	R/P	R

D.GAS ENGINE								
1	Certificate of Compliance for Engine Components	Full/ Batch	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Manufacturer's standard test report	R	P	R
2	Engine Full Load Performance Test as per Manufacturer's standard	100%	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Manufacturer's standard test report	R	P	R/W
E. Instrumentation and Safety Relief Valves								
1	Body Hydro test, Seat Leak Test & Functional Test for Control Valve	At Random 2 nos. each Size, Type/rating	Approved Datasheet	Conf. to approved Datasheet/ Instrument schedule	Manufacturer's test certificate	R	P	R
F. Air Exchanger Manufacturer's standard test report								
1	MTC & Material Identification for Pressure parts including flanges, Butt Weld Fittings, Pipe Plates, Tubes etc.	Full/ Batch	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Manufacturer's standard test report	R	P	R
2	Header Seam & Nozzle Butt Ends Radiography	100%	Approved Drawing/ PO/ Approved Datasheet	Approved Drawing/ PO/ Approved Datasheet	Manufacturer's standard test report	R	P	R
3	Certificate of compliance for Fan	Full/ Batch	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Compliance Certificate	R	P	R
4	Hydrostatic Test	100%	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R	P	R

G. CONTROL PANEL FAT								
1	Functional/ Continuity Test/ Loop Test/ Logic & Graphic Test	100%	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	R	P	R/W
H. PIPING								
1	Review of Gas Piping Material Test Certificate with traceability	100%/ Sample	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Inspection Report	P	-	R
2	Visual & Dimension Verification including thickness verification for Piping Material	Random 25%	ANSI B 31.3/ Piping Drawing	Conf. to approved Drawing	Compliance Certificate	R	P	R
3	WPS/PQR	As per Vendor/ Code	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	WPS/PQR Test Report	P	-	R
4	Radiography Examination & DP/MT Test for Gas piping as applicable	100%	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/Datasheet	Radiogrpahy Report & DP/MT Report	P	-	R
5	HyVendoro test & Visual Inspection of Gas Piping	100%	Approved piping Drawing/ PO/ Approved Datasheet	Conf. to approved piping Drawing/ PO/ Approved Datasheet	Hydtotest certificate	P	-	R
G. STRUCTURAL ITEMS								
1	Dimensional Check for Skid Base Frame and NDE of Lifting Lugs for Skid	100%	Approved GAD/ Fabrication Drawing	Conf. to approved GAD/ Fabrication Drawing	Inspection Report	P	-	R
2	Concrete Filling (Piling inside skid)	100%	Approved GAD/ Fabrication Drawing	Conf. to approved GAD/ Fabrication Drawing	Compliance Report	P	-	R
3	Reinforcements	100%	Approved GAD/	Conf. to approved	Compliance	P	-	R

			Fabrication Drawing	GAD/ Fabrication Drawing	Report			
H. Miscellaneous Items								
1	Certificate of Compliance for Silencer, Main Drive Coupling	Full	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/ PO/ Approved Datasheet	Compliance Certificate	R	P	R
2.	Manufacturer's test report for Instruments, Glands	Batch	Approved Drawing/ PO/ Approved Datasheet	Conf. to approved Drawing/ PO/ Approved Datasheet	Manufacturer's Test Report / Calibration certificate	R	P	R
I. Erection and Commissioning Spares								
1	Visual Inspection of the Spares	Full	Approved PO/ Approved Datasheet	Conf. to approved PO/ Approved Datasheet	Compliance certificate	P	-	R/W
J. Final Inspection								
1	Final Mock-up Package assembly for Verification of Battery Limit dimensions, Visual Inspection as per GA	Full	Approved GAD/ PO	Conf. to Approved GAD/ PO	Test Certificate	P	-	H
2	String Test (one unit from each Duty)	One Unit from Each Duty	As per PO / VENDOR Test Procedure	Conf. to PO / VENDOR Test Procedure	Test Certificate	P	-	H
3	Final Paint visual and DFT check for Compressor and Major accessory items	At random	As per Paint Procedure/ PO	Conf. to paint procedure / PO	Test Certificate	P	-	H
FINAL DOCUMENTATION								
1	Final review of Certificates/ Quality Dossier as per ITP and Issue of Final Dispatch Clearance	100%	As per PO/ Approved Drawing/ Datasheet	As per PO/ Approved Drawing/ Datasheet	Dispatch Release Clearance	P	-	H

H- Hold Point W- Witness Point P- Performed By R- Review

ANNEXURE – V

GENERAL CONDITIONS OF CONTRACT (GCC)

1.0 The bid is governed by GeM General terms & conditions (GeM GTC) prevalent on the bid closing date of tender.

SPECIAL CONDITIONS OF CONTRACT (SCC)

The SPECIAL CONDITIONS OF CONTRACT (SCC) shall supersede the GeM General terms & conditions (GeM GTC).

1.0 Bidders shall submit their offer mentioning pointwise compliance/noncompliance to all the terms & conditions, BEC/BRC, Specifications etc. Any deviation(s) from the tender terms & conditions, BEC/BRC, Specifications etc. should be clearly highlighted specifying justification in support of deviation.

2.0 To ascertain the substantial responsiveness of the bid, OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by OIL, failing which the offer will be summarily rejected. However, bidder(s) must note that there should not be any additional financial involvement arising out of such post tender clarifications.

3.0 The Bidder to submit following Technical Evaluation Sheet along with technical bid -

Annexure – VI: Bid Evaluation Matrix (Technical Specification)
Annexure – VII: Bid Evaluation Matrix (Bid Rejection Criteria)

4.0 INTEGRITY PACT

OIL shall be entering into an Integrity Pact, **if applicable** with the bidders as per format enclosed vide **PROFORMA - D** of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact have been signed by the bidder's authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.

OIL's Independent External Monitors at present are as under:

DR. TEJENDRA MOHAN BHASIN,
Former Vigilance Commissioner, CVC
E-mail: tmbhasin@gmail.com

SHRI RAM PHAL PAWAR, IPS (Retd.),
Former Director, NCRB, MHA
E-mail: rpawar61@hotmail.com
ramphal.pawar@ips.gov.in

Shri Ajit Mohan Sharan, IAS (Retd.)
Former Secretary, Ministry of Ayush, Govt. of India
E-mail: ams057@gmail.com

4.1 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact.

4.2 In the event of any dispute between the management and the contractor relating to those contracts where Integrity Pact is applicable, in case, both the parties are agreeable, they may try to settle dispute through mediation before the panel of IEMs in a time bound manner. If required, the organizations may adopt any mediation rules for this purpose. In case, the dispute remains unresolved even after mediation by the panel of IEMs, the organisation may take further action as per the terms and conditions of the contract.

5.0 MICRO AND SMALL ENTERPRISES (MSE)

Categorisation 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 16th June, 2021 issued by Ministry of Micro, Small and Medium Enterprises.

The bidder claiming as MSE status (MSE-General, MSE-SCIST, MSE -Woman) against this tender has to submit the following documents for availing the benefits applicable to MSEs:

Udyam Registration Number with Udyam Registration Certificate.

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

5.1 For availing benefits under Public Procurement Policy (Purchase preference), the interested MSE Bidders must ensure that they are the manufacturer of tendered item (Primary Product Category) and registered with the appropriate authority for the said item(s).

6.0 PREFERENCE TO MAKE IN INDIA (MII)

Department for Promotion of Industry and Internal Trade (DPIIT), has issued the revised 'Public Procurement (Preference to Make in India), Order 2017" vide Order no. No. P-45021/2/2017-PP (BE-II) dated 04.06.2020. Bidders are requested to go through the policy and its subsequent amendments, if any, and take note of the same while submitting their offer.

7.0 DOMESTICALLY MANUFACTURED IRON & STEEL PRODUCTS (DMI & SP):

Steel Policy notified vide Notification No. 324 dated 29.05.2019 and as amended from time to time by Ministry of Steel, Government of India is applicable against this tender. The detailed policy may be referred in Ministry's website. Also, refer **ANNEXURE – VIII** to this tender in this regard.

8.0 RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY SHARING LAND BORDER WITH INDIA:

Ministry of Finance of Govt. of India, Department of Expenditure, Public procurement Division vide office memorandum F. No. 6/18/2019-PPD dated 23rd July, 2020 (order-Public Procurement no.1) has proclaimed the insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 w.e.f. 23rd July, 2020 and amended vide O.M. No. F.7/10/2021-PPD (1) dated 23.02.2023 (order public procurement no. 4) from Procurement Policy Division, Department of Expenditure, Ministry of Finance forwarded by Department of Public Enterprises vide O.M. No. F. No. DPE/7 (4)/2017-Fin dated 24.02.2023 regarding restrictions on procurement from a bidder of a country which shares a land border with India on the grounds of defence of India on matters directly or indirectly related thereto including national security. Bidders are requested to take note of the following clauses and submit their offers accordingly wherever applicable.

(1) Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority [Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT)]. Further, any bidder (including bidder from India) having specified Transfer of Technology (ToT) arrangement with an

entity from a country which shares a land border with India, shall also require to be registered with the same competent authority to be eligible to bid in this tender.

(2) "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

(3) "Bidder (or entity) from a country which shares a land border with India" for the purpose of this Order means:

a. An entity incorporated, established or registered in such a country; or
b. A subsidiary of an entity incorporated, established or registered in such a country; or
c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
d. An entity whose beneficial owner is situated in such a country; or
e. An Indian (or other) agent of such an entity; or
f. A natural person who is a citizen of such a country; or
g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

(4) The beneficial owner for the purpose of para (3) above will be as under:

(i) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation:

a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company.

b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder's agreements or voting agreements.

(ii) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

(iii) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

(iv) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

(v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

(5) An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

(6) The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

(7) **Validity of Registration**: The registration should be valid at the time of submission of bid and at the time of acceptance of bid. If the bidder was validly registered at the time of acceptance/placement of order, registration shall not be a relevant consideration during contract execution.

(8) **Undertaking regarding compliance**: The bidders are required to provide undertakings as per **PROFORMA – E(I), PROFORMA – E(II) & PROFORMA – E(III)** along with their bid towards compliance of the above guidelines for participation in this tender. If the undertakings given by a bidder whose bid is accepted is found to be false, this would be a ground for debarment/action as per OIL's Banning Policy and further legal action in accordance with law.

9.0 SETTLEMENT OF COMMERCIAL DISPUTES BETWEEN CENTRAL PUBLIC ENTERPRISES (CPSES) INTER-SE AND CPSE(S) AND GOVERNMENT DEPARTMENT(S)/ORGANISATIONS(S) - ADMINISTRATIVE MECHANISM FOR RESOLUTION OF CPSES DISPUTES (AMRCD).

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs) / Port Trusts inter se and also between CPSEs and Government Department/Organisations (excluding disputes relating to Railways, Income Tax, Customs and Excise Departments), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No. 05/003/2019-FTS- 10937 dated 14th December, 2022 and the decision of AMRCD on the said dispute will be binding on both the parties.

10.0 TAX COLLECTIBLE AT SOURCE (TCS):

Tax Collectible at Source (TCS) applicable under the Income-tax Law and charged by the SUPPLIER shall also be payable by OIL along with consideration for procurement of goods/materials/ equipment. If TCS is collected by the SUPPLIER, a TCS certificate in prescribed Form shall be issued by the SUPPLIER to OIL within the statutory time limit.

Payment towards applicable TCS u/s 206C (IH) of Income Tax Act, 1961 will be made to the supplier provided they are claiming it in their invoice and on submission of following undertaking along with the invoice stating that:

a. TCS is applicable on supply of goods invoiced to OIL as turnover of the supplier in previous year was more than Rs. 10 Cr. And

b. Total supply of goods to OIL in FY …….. (As applicable) exceeds Rs. 50 Lakh and

c. TCS as charged in the invoice has already been deposited (duly indicating the details such as challan No. and date) or would be deposited with Exchequer on or before the due date and

d. TCS certificate as provided in the Income Tax Act will be issued to OIL in time.

However, Performance Security deposit will be released only after the TCS certificate for the amount of tax collected is provided to OIL. Supplier will extend the performance bank guarantee (PBG), wherever required, till the receipt of TCS certificate or else the same will be forfeited to the extent of amount of TCS, if all other conditions of Purchase order are fulfilled.

The above payment condition is applicable only for release of TCS amount charged by supplier u/s 206C (I H) of Income tax Act, 1961.

11.0 CONCESSIONAL 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 concessional **GST @12%** will be applicable as per Govt. Policy in vogue.

Note: *Successful bidder shall arrange to provide all necessary documents (invoice etc.) to OIL for applying Essentiality Certificate on receipt of request from OIL or at least **45 days** prior to their readiness for despatch, whichever is earlier. Further, successful bidder shall affect dispatch only on receipt of relevant certificates/shipment clearance from OIL, failing which all related liabilities shall be to supplier's account.*

12.0 APPLICABILITY OF BANNING POLICY OF OIL INDIA LIMITED:

OIL's Banning Policy, 2023 will be applicable against the tender (and order in case of award) to deal with any agency (bidder/contractor/supplier/ vendor/service provider) who commits deception, default, fraud or indulged in other misconduct of whatsoever nature in the tendering process and/or order execution processes.

The bidders who are on Holiday/Banning/Suspension list of OIL on due date of submission of bid/ during the process of evaluation of the bids, the offers of such bidders shall not be considered for bid opening/evaluation/award. If the bidding documents were issued inadvertently/downloaded from website, the offers submitted by such bidders shall also not be considered for bid opening/evaluation/ Award of Work.

13.1 The bidder shall fill up and submit proforma of declaration of Blacklisting / Holiday Listing/ NCLT / NCLAT /DRT /DRAT/ COURT RECEIVERSHIP/ LIQUIDATION (as per Proforma – N) along with the technical bid).

13.0 PERFORMANCE SECURITY

Successful bidder will be required to furnish a Performance Bank Guarantee **@ 5%** of the order value with validity as mentioned in the tender document. The Performance Security must be submitted exactly as per **PROFORMA – F**. Bidder must confirm the same in their Technical Bid.

The Bank Guarantee issued by the bank must be routed through SFMS platform as per the following details:

(i) MT 760/MT 760 COV for issuance of bank guarantee.
(ii) MT 760/MT 767 COV for amendment of bank guarantee.

[Order Number should reflect in the SFMS text under MT 760/MT 760 COV]

The above message/intimation shall be sent through SFMS by the BG issuing Bank branch to ICICI Bank, Duliajan Branch, IFSC Code- ICIC0000213, Branch Address.: ICICI Bank Ltd, Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam - 786602. The Bank details are as under:

Bank Details of Beneficiary	
Bank Name	ICICI BANK LTD.
Branch Name	DULIAJAN
Branch Address	KUNJA BHAVAN, DAILY BAZAAR, DULIAJAN, DIBRUGARH, ASSAM - 786602
IFSC Code	ICIC0000213

Unique identifier code (Field 7037)	OIL503988890
Company name	Oil India Limited

The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.

13.1 Performance Security shall be issued from any scheduled Indian Bank or any branch of an International Bank situated in India and registered with the Reserve Bank of India as scheduled foreign Bank in case of domestic suppliers.

13.2 Bank Guarantees issued by a Bank in India should be on non-judicial Stamp Paper/Franking receipt of requisite value, as per Indian Stamp Act, purchased in the name of the Banker or the Seller.

13.3 Bank Guarantee with condition other than those mentioned in OIL's prescribed format shall not be accepted.

13.4 The Bank Guarantee issued by a Bank amongst others shall contain the complete address of the Bank including Phone Nos., Fax Nos., E-mail address, Code Nos. of the authorized signatory with full name and designation and Branch Code.

13.5 The Performance Security shall be payable to Purchaser as compensation for any breach or loss resulting from Supplier's failure to fulfil its obligations under the Purchase Order/Contract. In the event of such default on the part of Seller, the Performance Security shall be encashed unconditionally, and the proceeds thereof shall be forfeited without any further reference to the Seller. In such an eventuality, the Seller shall be liable to face penal actions including debarment as per OIL's Banning Policy, 2023.

13.6 The Performance Security shall be discharged by Purchaser not later than 30 days following its expiry after completion of obligations under the order/contract. In the event of any extension to the contractual validity or delay in supply/ execution or extension of Warranty Period of the Purchase Order/Contract, validity of the Performance Security shall be extended by the Seller/Contractor by the equivalent period.

13.7 The Performance Security shall not accrue any interest during its period of validity or extended validity. OIL shall not be liable to pay any bank charges, commission or interest on the amount of Performance Security.

13.8 Failure of the successful Bidder to comply with the requirements of above clauses shall constitute sufficient grounds for annulment of the award and forfeiture of their Bid Security or Performance Security. The defaulting party shall also be debarred from business as per OIL's Banning Policy, 2023.

13.9 In case, the Performance Security in the form of a Bank Guarantee is found to be not genuine or issued by a fake banker or issued under the fake signatures, the Purchase Order placed on the bidder shall be treated as cancelled forthwith and the bidder shall be banned from participating in future tenders in accordance with the provisions of Company's Banning Policy, 2023. Further, the Bid Security submitted by such bidder shall be invoked without any further reference, besides other penal action, as the Company may think appropriate.

13.10 In case Annual Maintenance Contract (AMC) is required and OIL intends to enter into a separate contract with the successful bidder for AMC, the Successful bidder must undertake to submit separate Performance Security against the AMC at the applicable rate & validity to be stipulated in the contract. (10% of annualized contract value valid for three months beyond entire execution period).

14.0 BID SECURITY:

If Bid Security /Earnest Money Deposit (EMD) is applicable. Bids must be accompanied by Bid Security for the amount as mentioned in the tender and shall be in the prescribed format **(PROFORMA – GA)** as Bank Guarantee (BG) or Online payment. *(Refer GeM GTC for details).*

In case of the Bid Security is submitted in the form of Bank Guarantee, scanned copy of Bank Guarantee shall be uploaded by the bidder in the online bid and **Original Bank Guarantee will have to be submitted directly to OIL on or before the Bid closing date and time, failing which the bid may be treated as incomplete and may lead to rejection of the bid by OIL without making any reference to the bidder**.

The Original Bid Security shall be submitted manually in sealed envelope **superscribed** with tender no., tendered item detail and due date to: **GM-MATERIALS, MATERIALS DEPARTMENT, KIND ATTENTION – TUHIN ROY, CHIEF MANAGER MATERIALS, OIL INDIA LIMITED, DULIAJAN- 786602, ASSAM.**

In case of Online payment of Bid Security, bidder shall provide the Online transaction details in their online bid as proof of submission of Bid Security to OIL. The online payment of Bid Security amount should be received in OIL's bank account on or before the Bid closing date and time failing which the offer will be rejected outright without any further reference.

OIL's Bank account Details for Online submission of Bid Security	
Name	Oil India Limited
Bank	State Bank of India
Branch	Duliajan
Account Number	10494832599
Account Type	Current
IFSC Code	SBIN0002053

14.1 Bid Security shall be issued from any scheduled Indian Bank or any branch of an International Bank situated in India and registered with the Reserve Bank of India as scheduled foreign Bank in case of domestic suppliers.

14.2 Bank Guarantee issued by a scheduled Bank in India at the request of some other non-scheduled Bank in India shall not be accepted.

14.3 Bank Guarantees issued by a Bank in India should be on non-judicial Stamp Paper/Franking receipt of requisite value, as per Indian Stamp Act, purchased in the name of the Banker or the Seller.

14.4 Bank Guarantee with condition other than those mentioned in OIL's prescribed format/GeM Bank Guarantee format shall not be accepted.

14.5 The Bank Guarantee issued by a Bank amongst others shall contain the complete address of the Bank including Phone Nos., Fax Nos., E-mail address, Code Nos. of the authorized signatory with full name and designation and Branch Code.

14.6 The bidders will extend the validity of the Bid Security, if and whenever specifically advised by OIL, at the bidder's cost.

14.7 The Bid Security shall not accrue any interest during its period of validity or extended validity. OIL shall not be liable to pay any bank charges, commission or interest on the amount of Bid Security.

14.8 In case, the Bid Security in the form of a Bank Guarantee is found to be not genuine or issued by a fake banker or issued under the fake signatures, the bid submitted by the concerned bidder shall be rejected and the bidder shall be banned from participating in future tenders in accordance with the provisions of OIL's Banning Policy. Further, the Bid Security submitted by such bidder shall be invoked without any further reference, besides other penal action, as OIL may think appropriate.

14.9 In case of Bank Guarantee, the Bank Guarantee issuing bank branch must ensure the following:

The Bank Guarantee issued by the bank must be routed through SFMS platform as per the following details:

(i) MT 760/MT 760 COV for issuance of bank guarantee.
(ii) MT 760/MT 767 COV for amendment of bank guarantee.

[Tender Number should reflect in the SFMS text under MT 760/MT 760 COV]

The above message/intimation shall be sent through SFMS by the BG issuing Bank branch to ICICI Bank, Duliajan Branch, IFSC Code- ICIC0000213, Branch Address: ICICI Bank Ltd, Kunja Bhavan, Daily Bazaar, Duliajan, Dibrugarh, Assam – 786602. The Bank details are as under:

Bank Details of Beneficiary	
Bank Name	ICICI BANK LTD.
Branch Name	DULIAJAN
Branch Address	KUNJA BHAVAN, DAILY BAZAAR, DULIAJAN, DIBRUGARH, ASSAM – 786602
IFSC Code	ICIC0000213
Unique identifier code (Field 7037)	OIL503988890
Company name	Oil India Limited

The bidder shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.

14.10 The Bid Security of the unsuccessful bidders will be returned after finalization of tender whereas the Bid Security of the successful bidder will be discharged on such bidder's furnishing the Performance Security to OIL against the Purchase Order secured by the bidder within the stipulated time frame. The successful bidder will, however, extend validity of the Bid Security till such time the Performance Security is furnished.

14.11 For timely return of Bid Security, bidders shall submit following details alongwith their technical bid.

- For Bank Guarantee((BG): Name, Email id, Phone number and Address where the Bid Security is to be returned by Courier.

- Online payment: Name, Email id, Phone number and Bank details (Bank Name, Branch Name, Branch Address, IFSC Code, Unique identifier code, Company name) where the Bid Security amount shall be returned by Online transfer.

In case of non-submission of above details, return of Bid Security may be delayed.

14.12 If Bid Security /Earnest Money Deposit (EMD) is not applicable. Instead of EMD /Bid Security, all the bidders shall be required to sign a "Bid Security Declaration" accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the NIT/ Purchase order, they shall be suspended for the period of 2 (two) years. This suspension of two years shall be automatic without conducting any enquiry. Bidders shall submit "Bid Securing Declaration" as per enclosed PROFORMA - GB along with their Technical bids.

14.13 **Submission of Bid Security and Performance Security in the form of Electronic Bank Guarantee (e-BG)**

Oil India Ltd. has now adopted Electronic Bank Guarantee (e-BG) for Bid Security and Performance Security in addition to the existing provisions. Electronic Bank Guarantee (e-BG) is a digitally signed BG issued by banks which is transmitted directly from banks to beneficiaries in electronic form through a platform provided by National E-Governance Services Limited (NeSL).

Submission of Bid Security/Performance Security, as applicable, in the form of Electronic bank Guarantee (e-BG) is also acceptable:

Sl. No.	Bank name	Sl. No.	Bank name
1	AU Small Finance Bank	12	IDFC First Bank
2	Axis Bank	13	Indian Bank
3	Bank of Baroda	14	Indian Overseas Bank
4	Bank of India	15	IndusInd Bank
5	Canara Bank	16	Karur Vysya Bank
6	City Union Bank	17	Kotak Mahindra Bank
7	Federal Bank	18	Punjab National Bank
8	HDFC Bank	19	RBL Bank
9	HSBC Bank	20	State Bank of India
10	ICICI Bank	21	South Indian Bank
11	IDBI Bank	22	Yes Bank

Beneficiary details for issue of e-BG are:

Sl. No.	Particulars	Details
1	Name	Oil India Limited
2	PAN	AAACO2352C
3	Date of Incorporation	18-02-1959
4	Email ID	
5	Mobile No.	
6	Local Address	
7	Registered Address	Duliaian, Dibrugarh, Assam-786602

15.0 FINANCING OF TRADE RECEIVABLES OF MICRO AND SMALL ENTERPRISES (MSEs) THROUGH TRADE RECEIVABLES DISCOUNTING SYSTEM (TREDS) PLATFORM.

Based on the initiatives of Government of India to help MSE vendors get immediate access to liquid fund based on Buyers credit rating by discounting, OIL has registered itself on TReDS platform with M/s

RXIL and M/s A TREDS Ltd. (Invoice Mart). MSE vendors can avail this benefit by registering themselves with any of the exchanges providing e-discounting/electronic factoring services on TReDS platform and following the procedures defined therein, provided OIL is also participating in such TReDS Platform as a Buyer.

i) MSE Vendor should be aware that all costs relating to availing the facility of discounting on TReDS platform including but not limited to Registration charges, Transaction charges for financing, Discounting Charges, Interest on financing, or any other charges known by any name shall be borne by MSE Vendor.

ii) MSE Vendor hereby agrees to indemnify, hold harmless and keep OIL and its affiliates, Directors, officers, representatives, agents and employees indemnified, from any and all damages, losses, claims and liabilities (including legal costs) which may arise from Sellers submission, posting or display, participation, in any manner, on the TReDS Platform or from the use of Services or from the Buyer's breach of any of the terms and conditions of the Usage Terms or of this Agreement and any Applicable Law on a full indemnity basis.

iii) OIL shall not be liable for any special, indirect, punitive, incidental, or consequential damages or any damages whatsoever (including but not limited to damages for loss of profits or savings, business interruption, loss of information), whether in contract, tort, equity or otherwise or any other damages resulting from using TReDS platform for discounting their (MSE Vendor's) invoices.

Note:

(i) Buyer means OIL who has placed Purchase Order/ Contract on a MSE Vendor (Seller).
(ii) Seller means a MSE vendor, who has been awarded Purchase Order/ Contract by OIL (Buyer).

16.0 UNLOADING FOR BULKY/HEAVY ITEMS:

All the Goods in the GeM shall be offered on Free Delivery at Site basis including unloading. **HOWEVER, OIL SHALL PROVIDE CRANE FOR UNLOADING OF BULKY/HEAVY ITEMS ONLY**. Supplier shall depute adequate crew, who has experience of unloading of such items at Destination (Duliajan) with necessary safety gears i.e. helmet, safety boots, hand gloves etc. at unloading point.

The safety of the crew deputed by the supplier shall entirely be the responsibility of supplier and therefore they shall take all necessary measures/precautions to ensure that no injuries occur to personnel or property. Supplier must ensure that the crew involved for unloading are properly trained on the procedures and aware of the potential hazards while handling the items.

16.1 OIL reserves the right to divert any truck / trailer originally booked for a particular destination to nearby areas within a distance of 50 km from Duliajan.

17.0 UNLOADING OF TUBULARS:

All the Goods in the GeM shall be offered on Free Delivery at Site basis including unloading. **HOWEVER, OIL SHALL PROVIDE CRANE FOR UNLOADING OF TUBULARS ONLY**. Supplier shall depute adequate crew, who has experience of unloading of tubulars, at Destination (Duliajan) with necessary safety gears i.e. helmet, safety boots, hand gloves etc. at unloading point. **THE ONLY RESPONSIBILITY OF THE CREW TO BE DEPUTED BY THE SUPPLIER IS TO FASTEN/FIX CRANE'S HOOK SLING TO BUNDLES ON THE LOADED VEHICLE**. Once the hook sling is securely fastened complying to the safety instructions, OIL's Crane shall lift and unload tubulars from the vehicle. Following points are to be noted and complied in this connection:

(a) Supplier to ensure that height of the loaded tubular is below the cabin height of the vehicle for safe off-loading.

(b) Supplier to ensure that tubular bundles are securely fastened by very strong material to withstand the rigors of road transportation and capable of lifting by Crane. In the case tubular bundles are found loosened and/or tubulars found completely resting on the side support/bales of vehicle in way that it may free fall upon unshackling, OIL will not unload such vehicle due to safety reasons.

The safety of the crew deputed by the supplier shall entirely be the responsibility of supplier and therefore they shall take all necessary measures/precautions to ensure that no injuries occur to personnel or property. Supplier must ensure that the crew involved for unloading are properly trained on the procedures and aware of the potential hazards while handling tubulars.

17.1 OIL reserves the right to divert any truck / trailer originally booked for a particular destination to nearby areas within a distance of 50 km from Duliajan.

18.0 UNLOADING OF CONSIGNMENT RECEIVED THROUGH RAIL:
Unloading of consignment from Railway Wagons at Destination **(Duliajan)** shall be completely in OIL's scope.

19.0 QUANTITY TOLERANCE FOR TUBULARS:
Bidders should note that, in the event of order, quantity tolerance of +0%/-2% of order quantity will be applicable.

20.0 SET-OFF:
Any sum of money due and payable to the Seller (including Security Deposit refundable to them) under any purchase order may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of a sum of money arising out of any other purchase order made by the Seller with Oil India Limited (or such other person or persons contracting through Oil India Limited).

21.0 FURNISHING FRAUDULENT INFORMATION/ DOCUMENT:
If it is found that a Bidder has furnished fraudulent document/information, the Bid Security/ Performance Security shall be forfeited and necessary action as per OIL's Banning Policy, 2023 shall be taken, besides the legal action. In this regard, bidders are requested to submit an Undertaking as per **PROFORMA - H** along with their offer failing which their offer shall be liable for rejection.

22.0 GENERAL CONDITIONS OF CONTRACT FOR SERVICES (ANNEXURE - IX)

General Conditions of Contract FOR SERVICES (GCC - SERVICES) shall be applicable for all services to be rendered including AMC (as and when entered into).

23.0 MODIFICATION/AMENDMENT OF TENDER DOCUMENT: At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the tender Documents through issuance of Corrigendum(s)/Addendum(s). Bidders are expected to take the Corrigendum(s)/ Addendum(s) into account in preparation and submission of their bid. No separate intimation for Corrigendum(s)/Addendum(s) published by OIL shall be sent to the Bidders.

24.0 THIRD PARTY INSPECTION (TPI) (if to be arranged by OIL).

a) OIL shall arrange for inspection (TPI) of the materials through OIL's nominated Third Party Inspection Agency at Bidder's/Manufacturer's plant/premises as per the broad Scope of Work mentioned the tender. All cost towards the engagement of Third Party Inspection Agency shall be borne by OIL. **BIDDER SHALL NOT QUOTE/INCLUDE THE COST OF THIRD PARTY INSPECTION IN THEIR OFFER**. However, Bidder shall extend all necessary facility to the satisfaction of Third Party Inspection Agency for smooth conduct of the inspection.

b) Bidder shall clearly indicate in the technical bid the place/plant where Third Party Inspection of the materials shall be conducted, in the event of an order.

c) Supplier shall convey to OIL the production schedule within 02(two) weeks from the date of Letter of Award (LOA)/Purchase order so that OIL can deploy the TPI agency to carry out inspection at bidder's/manufacturer's premises accordingly. Additionally, Supplier shall send a notice in writing/e-mail to the OIL at least 15 days in advance specifying the exact schedule and place of inspection (TPI) as per the Purchase Order and OIL upon receipt of such notice shall notify to the supplier the date and time when the materials would be inspected by OIL nominated TPI Agency. **Manufacturer QAP for Third Party Inspection must be submitted by the bidder after placement of order.**

d) The supplier shall provide, without any extra charge to OIL, all materials, tools, labour and assistance of every kind which the OIL nominated TPI Agency may demand for any test or examination required at supplier's premises. The supplier shall also provide and deliver sample from the material under inspection, free of charge, at any such place other than their premises as the TPI Agency may specify for acceptance tests for which the supplier does not have the facilities for such tests at their premises. In the event of testing outside owing to lack of test facility at supplier's premises, the supplier shall bear cost of such test, if any.

e) The supplier shall not be entitled to object on any ground whatsoever to the method of testing adopted by the OIL nominated TPI Agency.

f) Unless otherwise provided for in the Purchase Order, the quantity of materials expended in test will be borne by supplier.

g) The decision of the Third Party Inspection Agency nominated by OIL regarding acceptance/rejection of material shall be final and binding on the supplier.

h) Upon successful completion of the TPI and acceptance of the TPI reports by OIL, Bidder/Supplier shall be intimated by OIL for dispatch of the materials. The materials should be despatched only after receipt of dispatch clearance from OIL.

i) Acceptance of the TPI reports and receipt of dispatch intimation from OIL do not absolve the bidder from any warranty obligations or waive the bidder from OIL's right for rejection of the materials after receipt at site.

j) Notwithstanding clauses contained herein above, in the event the materials under inspection fails to conform to purchase order specification and are rejected by OIL nominated Third Party Inspection agency, OIL may recover all cost incurred for re-inspection of the materials from the supplier.

24.1 THIRD PARTY INSPECTION (TPI) (if to be arranged by Supplier).

Supplier shall arrange for inspection (TPI) of the materials through OIL's empaneled Third Party Inspection Agency at Bidder's/Manufacturer's plant/premises as per the broad Scope of Work mentioned the tender. All cost towards the engagement of Third Party Inspection Agency shall be borne by Supplier. At present, there are six OIL's empaneled Third Party Inspection Agency as under:

(i)M/s.Lloyds
(ii)M/s.BureauVeritas

(iii)M/s.RITES
(iv)M/s .IR CLASS System and Solutions Private Limited
(v)M/s.Tuboscope Vetco
(vi)M/s. DNV MES India Private Limited

25.0 DOCUMENTATION (FOR DOMESTIC/INDIGENOUS SUPPLIERS):

25.1 Preparation and submission of proper documents by Seller is one of the very important requirements. The Seller must strictly follow the instructions.

25.2 Seller shall ensure that all the documents have clear reference of OIL's Purchase Order number.

25.3 Seller shall forward the documents, as mentioned below, by courier service immediately after the dispatch is made:

(I) **WHERE PAYMENT AGAINST DIRECT SUBMISSION OF DESPATCH DOCUMENTS TO COMPANY**:

A)	General Manager (A/P), Finance & Accounts Department Oil India Limited, Duliajan, PIN - 786602	i) Bill in original + one copy. ii) Copy of the C-Note/RR. iii) Copy of Mill Inspection Certificate, if any. iv) Copy of Third-Party Inspection Certificate, if any. v) Copy of Delivery Challan. vi) Copy of TPI Declaration vii) Copy of Tax Invoice. viii) Copy of packing list. ix) Documentary evidence of payment of Customs Duty, if any.
B)	DGM - Materials (Receiving), Materials Department Oil India Limited, Duliajan, PIN - 786602	i) Clear Consignee copy of RR/C-Note - Original + 1 copy. ii) Copy of Tax Invoice. iii) Delivery Challan (Original). iv) Packing list (Original). v) Mill inspection certificate, if any (Original). vi) Copy of Third-Party Inspection certificate, if any. vii) Copy of TPI Declaration viii) Warranty Certificate (Original)
C)	Chief Manager Materials (FP) Materials Department Oil India Limited, Duliajan, PIN - 786602	One set consisting copies of all the documents as mentioned in (B) above.

Note: ***Where payment term is after receipt and acceptance of materials, the complete set of documents meant for General Manager (A/P) as indicated in (A) above should be submitted to Dy. General Manager Materials (Receiving).***

27.0 FORCE MAJEURE:

27.1. In the event of either party being rendered unable by Force Majeure to perform any obligations required to be performed by them under the purchase order the relative obligations of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by the either party shall be borne by the respective parties.

27.2. The term force majeure as employed herein shall mean Acts of God such as earthquake, hurricane, typhoon, flood, volcanic activity etc.; war (declared /undeclared); riot, revolts, rebellion, terrorism, sabotage by persons other than the SELLER's Personnel; fires, explosions, ionizing radiation or contamination by radio-activity or noxious gas, if not caused by SELLER's fault; declared epidemic/pandemic or disaster; acts and regulations of respective Govt. of the two parties, namely the PURCHASER and the SELLER and civil commotions, lockout not attributable to the SELLER.

27.3. Upon occurrence of such cause(s) and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party by a registered letter duly certified by the statutory authorities immediately but not later than 7(seven) days of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim.

27.4. Time for performance of the relative obligations suspended by the force majeure shall then be extended by the period for which such cause lasts. The extension of time shall be the sole remedy of the Seller for any delay under this clause and the Seller shall not be entitled in addition to or in lieu of such extension to claim any damages or compensation on any account whatsoever whether under the law governing contracts or any other law in force, and the Seller hereby waives and disclaims any and all contrary rights.

27.5. If the force majeure conditions persist for a period exceeding two (2) months, the Purchaser reserves the right to cancel the purchase order in full or in part.

28.0 SIGNING OF BIDS:

Bids are to be submitted online in GeM portal. The bid including all uploaded documents shall be signed by duly authorized representative of the bidder holding a Power of Attorney to bind the Bidder to the contract. The letter of authorisation (as per Proforma-L) shall be indicated by written Power of Attorney accompanying the Bid.

29.0 BIDDERS FINANCIAL STANDING:

The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking (as per Proforma-M) to this effect with bid.

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PROFORMA – A

FORMAT FOR CERTIFICATE OF COMPLIANCE OF FINANCIAL CRITERIA
(*ON THE OFFICIAL PAD OF THE BIDDER TO BE EXECUTED BY THE AUTHORIZED SIGNATORY OF THE BIDDER*)

Ref: Clause No. A.2 (3.0) - Financial Criteria of the BEC
Tender No.: _____

I …….. the authorized signatory(s) of…….(Company or firm name of address) do hereby affirm and declare as under:-

The balance sheet/Financial Statements for the financial year _____ (as the case may be) has actually not been audited as on the Original Bid closing Date.

Place :…….
Date :……. **Signature of the authorized signatory**

Note: ***This certificate are to be issued only considering the time required for preparation of Financial Statements i.e. if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date.***

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PROFORMA – B

CERTIFICATE OF ANNUAL TURNOVER & NETWORTH

TO BE ISSUED BY PRACTISING CHARTERED ACCOUNTANTS' FIRM ON THEIR LETTER HEAD

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from audited financial statements of M/s…… (Name of the bidder) for the last 3 (three) completed accounting years upto……(as the case may be) are correct.

YEAR	TURNOVER In INR (Rs.) Crores/ USD Million*	NET WORTH In INR (Rs.) Crores / USD Million*

*Rate of conversion (if used any): USD 1.00 = INR …….

Place:
Date:

Seal:

Membership No.:
Registration Code:

Signature:

Applicable for Global Tenders.

NOTE: ***As per the guidelines of ICAI, every practicing CA is required to mention Unique Document Identification Number (UDIN) against each certification work done by them. Documents certified by CA without UDIN shall not be acceptable.***

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PROFORMA – C

PARENT/ ULTIMATE PARENT/ HOLDING COMPANY'S CORPORATE GUARANTEE TOWARDS FINANCIAL STANDING (Delete whichever not applicable)
(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at ..... this ..... day of ..... by M/s .....(mention complete name) a company duly organized and existing under the laws of ..... (insert jurisdiction/country), having its Registered Office at.....herein after called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their Tender No…… for……and M/s……..(Bidder) intends to bid against the said tender and desires to have Financial support of M/s…… [Parent / Ultimate Parent/Holding Company(Delete whichever not applicable)] and whereas Parent/Ultimate Parent/Holding Company(Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the Financial support as required by the bidder for qualifying and successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed by the Guarantor to give this Guarantee and undertakes as follows:

1. The Guarantor confirms that the Bidder is a 100% subsidiary of the Guarantor.
2. The Guarantor agrees and confirms to provide the Audited Annual Reports of any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
3. The Guarantor have an annual financial turnover of minimum INR…….. Cr or USD …… during any of the preceding 03(three) financial/ accounting years reckoned from the original bid closing date.
4. Net worth of the Guarantor is positive for preceding financial/ accounting year.
5. The Guarantor undertakes to provide financial support to the Bidder for executing the project/job, in case the same is awarded to the Bidder.
6. The Guarantor represents that:
   (a) this Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Bidder.
   (b) the liability of the Guarantor, under the Guarantee, is limited to the 100% of the order value between the Bidder and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Bidder.
   (c) this Guarantee has been issued after due observance of the appropriate laws in force in India.
   (d) this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of New Delhi, India.
   (e) this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.
   (f) the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

for and on behalf of (Parent/Ultimate Parent/ Holding Company) (Delete whichever not applicable) Witness:	for and on behalf of (Bidder) Witness: 1. 2.

1. 2.	

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PROFORMA – D

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for ----------. The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process for compliance with the principles mentioned above.

Section: 1 -Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(i) No employee of the Principal, personally or through family members, will in connection with the tender for, or during execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

(ii) The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process.

(iii) The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officers and in addition can initiate disciplinary actions.

Section: 2 -Commitments of the Bidder~~/Contractor~~

(1) The Bidder commits itself to take all measures necessary to prevent corruption. During his participation in the tender process, the Bidder commits himself to observe the following principles:

(i) The Bidder will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during subsequent contract execution, if awarded.

(ii) The Bidder will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(iii) The Bidder(s) will not commit any offence under the relevant Anticorruption Laws of India, further, the Bidder(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(iv) The Bidder will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(v) Bidders to disclose any transgressions with any other public/government organization that may impinge on the anti-corruption principle. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The period for which such transgressions (s) is/are to be reported by the bidders shall be the last **three years** to be reckoned from date of bid submission. The transgression (s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.

(vi) The Bidder(s) of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any. Similarly, the Bidder(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further, all the payments made to the Indian agent/ representative have to be in India Rupees only.

(vii) Bidders not to pass any information provided by Principal as part of business relationship to others and not to commit any offence under PC/ IPC Act;

(2) The Bidder will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The Bidder signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 -Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process, for such reason.

1. If the Bidder has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 2 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence, no reasonable doubt is possible.

5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties or as mentioned in Section 9 - Pact Duration whichever is later. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.

Section 4 -Compensation for Damages

(1) If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit / Bid Security.

(2) The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder can prove and establish that the exclusion of the Bidder from the tender process has caused no damage or less damage than the amount or the liquidated damages, the Bidder shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

(1) The Bidder declares that no previous transgression occurred in the last 3 years with any other company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

(1) The Principal will enter into Pacts on identical terms with all bidders.

(2) The Bidder undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

(3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section: 8 -External Independent Monitor/Monitors

(1) The Principal appoints competent and credible Independent External Monitor (IEM) for this Pact.

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

(3) The Bidder accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Bidder. The Bidder will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

(4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Bidder. The parties offer the Monitor the option to participate in such meetings.

(5) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Independent External Monitor shall give an opportunity to the bidder to present its case before making its recommendations to the Principal.

(6) The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

(7) If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

(8) The word 'Monitor' would include both singular and plural.

(9) In case of any complaints referred under IP Program, the role of IEMs is advisory and the advice of IEM is non-binding on the Organization. However, as IEMs are invariably persons with rich experience who have retired as senior functionaries of the government, their advice would help in proper implementation of the IP.

Section:9 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section:10 -Other provisions

(1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

(2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(3) In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of sub-contracting, the principal contractor shall take the responsibility of the adoption of IP by the sub-contractor. It is to be ensured that all sub-contractors also sign the IP. In case of sub-contractors, the IP will be a tri-partite arrangement to be signed by the Organization, the contractor, and the sub-contractor.

(4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

TUHIN ROY **For the Principal** Date : Place :	**……..** **For the Bidder/Contractor** Witness 1: ..... Witness 2: .....

******

PROFORMA – E(I)

UNDERTAKING TOWARDS COMPLIANCE OF PROVISIONS FOR RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES LAND BORDER WITH INDIA

(To be typed on the letter head of the bidder)

Ref. No_____ **Date:_____**

Tender No. _____Date:_____

OIL INDIA LIMITED
MATERIALS DEPARTMENT,
DULIAJAN, ASSAM, INDIA

Dear Sirs,

We, M/s _____, have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; we certify that we are not from such a country/or if from such a country, have been registered with the Competent Authority. We hereby certify that we fulfil all requirements in this regard and are eligible to be considered. *[wherever applicable, evidence of valid registration by the Competent Authority shall be attached]*

Yours faithfully,
For (type name of the firm here)

Signature of Authorised Signatory
Name:
Designation:
Phone No.
Place:
Date:
(Affix Seal of the Organization here, if applicable)

PROFORMA – E(II)

UNDERTAKING FOR WORKS INVOLVING POSSIBILITY OF SUB-CONTRACTING

(To be typed on the letter head of the bidder)

Ref. No_____ **Date:_____**

Tender No. _____Date:_____

OIL INDIA LIMITED
MATERIALS DEPARTMENT,
DULIAJAN, ASSAM, INDIA

Dear Sirs,

We, M/s _____ , have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such-countries, we certify that we are not from such a country/or if from such a country, have been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. We hereby certify that we fulfil all requirements in this regard and is eligible to be considered. *[wherever applicable, evidence of valid registration by the Competent Authority shall be attached]*

Yours faithfully,
For (type name of the firm here)

Signature of Authorized Signatory
Name:
Designation:
Phone No.
Place:
Date:
(Affix Seal of the Organization here, if applicable)

PROFORMA – E(III)

ADDITIONAL UNDERTAKING BY BIDDER IN CASES OF SPECIFIED TRANSFER OF TECHNOLOGY

(To be typed on the letter head of the bidder)

Ref. No_____ **Date:_____**

Tender No. _____Date:_____

OIL INDIA LIMITED
MATERIALS DEPARTMENT,
DULIAJAN, ASSAM, INDIA

We, M/s _____, have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. We certify that we do not have any ToT arrangement requiring registration with the competent authority.

OR

We, M/s _____, have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. We certify that we have valid registration to participate in this procurement. *[Evidence of valid registration by the Competent Authority shall be attached]*

Yours faithfully,
For (type name of the firm here)

Signature of Authorised Signatory
Name:
Designation:
Phone No.
Place:
Date:

(Affix Seal of the Organization here, if applicable)

PROFROMA – F

FORMAT FOR PERFORMANCE BANK GUARANTEE

To,
GENERAL MANAGER – MATERIALS (HOD)
OIL INDIA LIMITED, MATERIALS DEPARTMENT,
DULIAJAN, ASSAM, INDIA, PIN – 786602

WHEREAS……(Name and address of Contractor) (hereinafter called "Contractor") had undertaken, in pursuance of Contact No…… to execute (Name of Contract and Brief Description of the Work) …… (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee as security for compliance with Contractor's obligations in accordance with the Contract.

AND WHEREAS we (May incorporate the Bank Name) have agreed to give the Contractor such a Bank Guarantee; NOW THEREFORE we hereby affirm that we are Guarantors on behalf of the Contractor, up to a total of (Amount of Guarantee in figures)…… (in words …… ……), such amount being payable in the types and proportions of currencies in which the Contract price is payable, and we undertake to pay you, upon your first written demand and without cavil or arguments, any sum or sums within the limits of guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein. We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or the work to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way cease us from any liability under this guarantee, and we hereby waive notice of such change, addition or modification.

This guarantee is valid until the ……..day of……..

The details of the Issuing Bank and Controlling Bank are as under:

A. Issuing Bank:
   BANK FAX NO:
   BANK EMAIL ID:
   BANK TELEPHNE NO:
   IFSC CODE OF THE BANK:

B. Controlling Office:
   Address of the Controlling Office of the BG issuing Bank:
   Name of the Contract Person at the Controlling Office with Mobile No. and e-mail address:

   Notwithstanding anything contained herein:

   (a) Our liability under this Bank Guarantee shall is restricted up to Rs……..
   (b) This guarantee shall be valid till ……
   (c) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before ……(Date of Expiry of BG PLUS one year claim period).
   (d) At the end of the claim period that is on or after……..(Date of expiry of……..the Bank Guarantee Plus Minimum of 1 year claim period shall be stipulated) all your rights under this Guarantee shall stand extinguished and we shall be discharged from all our liabilities under this Guarantee irrespective of receipt of original Bank Guarantee duly discharged, by Bank.

Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

SIGNATURE AND SEAL OF THE GUARANTORS……
Designation:……
Name of the Bank:……
Address:……

****

UNDERTAKING BY VENDOR ON SUBMISSION OF BANK GUARANTEE

To,

Oil India Limited,
Materials Department,
Duliajan, Assam - 786602

We, M/s……. are submitting the Bid Security/Performance Security (strike out whichever not applicable) in favour of Oil India Limited, Duliajan in the form of bank guarantee bearing Reference No……..for an amount of INR……valid

up to …… as per terms and conditions of Tender / Contract No.....

BG issuing bank details:

Bank: Branch: IFS Code:	
Contact Details E-mail Addresses:	Mobile No.: Telephone No.: Fax No.:
Correspondence Address H No/Street/City:	State: Country: Pin Code:

Declaration:

We have arranged to send the confirmation of issuance of the bank guarantee via SFMS portal through our bank using the details mentioned in the tender and hereby confirming the correctness of the details mentioned.

Authorized Signature: _____
Name: _____
Vendor Code: _____
Email ID: _____
Mobile No.: _____

Enclosure: Original bank guarantee

PROFORMA – G (A)

BID SECURITY FORM

To:
M/s. OIL INDIA LIMITED,
MATERIALS DEPARTMENT

Whereas.....(hereinafter called 'the Bidder') has submitted their Bid No. ..... dated..... against OIL INDIA LIMITED, DULIAJAN, ASSAM, INDIA (hereinafter called the Purchaser) 's Tender No. .....for the supply of ..... (hereinafter called 'the Bid') KNOW ALL MEN by these presents.

That we ..... of .....having our registered office at ..... (hereinafter called 'the Bank') are bound unto the Purchaser, in the sum of ..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents.

Sealed with the said Bank this .....day of .....

THE CONDITIONS of this obligation are:

1. If the Bidder withdraws their Bid during the period of Bid validity specified by the Bidder,

or

2. If the Bidder, having been notified of the acceptance of their bid by the Purchaser during the period of bid validity:
   a) fails or refuses to accept the order; or
   b) fails or refuses to furnish the performance security

or

3. If the Bidder furnishes fraudulent document/information in their bid.

We undertake to pay to the Purchaser up to the above amount upon receipt of their first written demand (by way of letter /fax/Email) without the Purchaser having to substantiate their demand, provided that in their demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of any of the conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including ..... (Bidder to indicate specific date as mentioned in the tender), and any demand in respect thereof should reach the Bank not later than the above date.

The details of the Issuing Bank and Controlling Bank are as under:

A. Issuing Bank:

BANK FAX NO:
BANK EMAIL ID:
BANK TELEPHONE NO.:
IFSC CODE OF THE BANK:

B. Controlling Office:

Address of the Controlling Office of the BG issuing Bank:
Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

Notwithstanding anything contained herein:

a) Our liability under this Bank Guarantee shall is restricted up to Rs ..... .
b) This guarantee shall be valid till .....
c) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before ..... (Date of Expiry of BG PLUS one year claim period).
d) At the end of the claim period that is on or after …… (Date of expiry of the Bank Guarantee Plus Minimum of 1 year claim period shall be stipulated) all your rights under this Guarantee shall stand extinguished and we shall be discharged from all our liabilities under this Guarantee irrespective of receipt of original Bank Guarantee duly discharged, by Bank.

Name of the Contact Person at the Controlling Office with Mobile No. and e-mail address:

SIGNATURE AND SEAL OF THE GUARANTORS _____
Designation: _____
Name of Bank: _____
Address: _____

Date: _____
Place: _____

******

PROFORMA – G (B)

BID SECURITY DECLARATION

To,

M/s. Oil India Limited
……,
…….

Sub: ……
Tender No:……..

Dear Sir,

After examining/reviewing provisions of above referred tender documents (including all corrigendum/ Addenda), we M/s. …… (Name of Bidder) have submitted our offer/bid no……

We, M/s .....(Name of Bidder) hereby understand that, according to your conditions, we are submitting
this Declaration for Bid Security.

We understand that we will be put on watch list/holiday/banning list (as per policies of OIL INDIA in this regard), if we are in breach of our obligation(s) as per following:

(a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

(b) having been notified of the acceptance of our Bid by the OIL INDIALIMITED during the period of bid validity:

(i) fail or refuse to execute the Contract, if required, or
(ii) fail or refuse to furnish the Contract Performance Security, in accordance provisions of tender document.
(iii) Fail or refuse to accept 'arithmetical corrections' as per provision of tender document.

(c) having indulged in corrupt/fraudulent/collusive/coercive practice as per procedure.

Place: [Signature of Authorized Signatory of Bidder]
Date: Name:
Designation: Seal:

****

PROFORMA - H

FORMAT OF UNDERTAKING BY BIDDERS TOWARDS SUBMISSION OF AUTHENTIC INFORMATION/DOCUMENTS

(To be typed on the letter head of the bidder)

Ref. No_____ Date _____

To,

General Manager (Materials)
Materials Department
Oil India Limited, Duliajan

Sub: Undertaking of authenticity of information/documents submitted
Ref: Your tender No._____ Dated _____

Sir,

With reference to our quotation no. …… dated…… against your above-referred tender, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of our EMD and/or PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.

Yours faithfully,
For (type name of the firm here)

Signature of Authorised Signatory

Name:
Designation:
Phone No.
Place:
Date:

(Affix Seal of the Organization here, if applicable)

ANNEXURE – VI

BID EVALUATION MATRIX (TECHNICAL) (TO BE FILLED IN BY BIDDER DULY SIGNED)
TECHNICAL SPECIFICATIONS

****

ANNEXURE – VII

BID EVALUATION MATRIX (BID REJECTION CRITERIA) (TO BE FILLED IN BY BIDDER DULY SIGNED)			
BID EVALUATION CRITERIA			
Clause Number	**DESCRIPTION**	**BIDDER'S RESPONSE (Complied / Not Complied /Deviation/Not Applicable)**	**TO BE FILLED BY THE BIDDER** **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	**BRC - TECHNICAL**		

****

PROFORMA - I

PROFORMA OF AUTHORISATION LETTER FOR ATTENDING TENDER OPENING

Ref No. Date

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

Dear Sir,

Sub: OIL's Tender No. _____

For _____Mr _____has been authorized to be present at the time of opening of above tender due on at on my/our behalf.

Yours faithfully

Signature of Bidder

Name: Designation :

For & on behalf of :

Copy to: Mr _ _ _ _ _ _ for information and for production before the (MM) at the opening of bids.

****

PROFORMA – J

EXCEPTION / DEVIATION PROFORMA

OIL expects the bidders to fully accept the terms and conditions of the bidding documents. However, should the bidder experience some exception and deviations to the terms of the bidding documents, the same should be indicated here and put in unpriced bid. In order to be considered responsive, Bidder's offer must specifically include the following statement :

(a) We certify that our offer complies with all NIT requirements and specifications without any deviations.

Or

(b) We certify that our offer complies with all NIT requirements and specifications with the following deviations :

Clause No. of Bidding Document	Full compliance/ not agreed	Exception/ deviations taken by the Bidders	Remarks

Signature of the Bidder

Name :

Seal of the company

****

PROFORMA – K

UNDERTAKING FOR LOCAL CONTENT
(To be submitted in the letter head of the bidder)

Tender No. _____

We,_____ (Name of the bidder) have submitted Bid against Tender No. _____dated _____ for_____. We hereby undertake that we meet the mandatory minimum local content requirement as mandated by Public Procurement (Preference to Make in India) Order, 2017 of Department for Promotion of Industry and Internal Trade (DPIIT), Govt. of India as revised vide Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 (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). The percentage of Local Content is _____ %.

We further declare that the percentage of Local content for the tendered Goods/Services has been calculated in conjunction with the directive issued by Ministry of Petroleum and Natural Gas vide notification no. FP-20013/2/2017-FP PNG-Part (4) (E-41432) dated 26.03.2024.

For and on behalf of _____
Authorized signatory _____
Name _____
Designation _____
Contact No. _____

****

PROFORMA - L

LETTER OF AUTHORITY

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

Dear Sir,

Sub: OIL's Tender No. _____

We _____of _____ confirm that Mr. _____ (Name and address) is authorised to represent us to Bid, negotiate and conclude the agreement on our behalf with you against OIL's Tender No. _____for any commercial /Legal purpose etc.

We confirm that we shall be bound by all and whatsoever our said representative shall commit.

Authorised Person's Signature: _____
Name: _____
Designation: _____

Yours faithfully,
Signature:
Name & Designation _____
For & on behalf of _____

Note: This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person competent and having the power of attorney (power of attorney shall be annexed) to bind such Bidder.

****

Proforma – M

UNDERTAKING FOR BIDDERS FINANCIAL STANDING

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

Dear Sir,

Sub: OIL's Tender No. _____

We, _____ (Name of the bidder) have submitted Bid against Tender No. _____dated _____**.** We hereby undertake that we are not under liquidation, court receivership or similar proceedings, we are not bankrupt.

For and on behalf of _____
Authorized signatory _____
Name _____
Designation _____
Contact No. _____

****

Proforma – N

PROFORMA OF DECLARATION OF BLACKLISTING / HOLIDAY LISTING/ NCLT / NCLAT /DRT /DRAT/ COURT RECEIVERSHIP/ LIQUIDATION

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

Dear Sir,

Sub: OIL's Tender No. _____

We hereby declare that we are presently neither placed on any holiday list or blacklist declared by Oil India Limited, nor any inquiry is pending by Oil India Limited. We are also not undergoing insolvency resolution process or liquidation or bankruptcy proceeding as on date. In respect of corrupt or fraudulent practice (s), except as indicated below:-

(Here give particulars of blacklisting or holiday listing and /or inquiry and in the absence thereof state "NIL")

In understood that if this declaration is found to be false in any particular , Oil India Limited shall have the right to reject my / our bid, and if the bid has resulted in a contract, the contract is liable to be terminated without prejudice to any other right or remedy (include blacklisting or holiday listing) available to Oil India Limited.

For and on behalf of _____
Authorized signatory _____
Name _____
Designation _____
Contact No. _____

****