

Bid Document

Bid Details	
Bid End Date/Time	03-11-2021 09:00:00
Bid Opening Date/Time	03-11-2021 09:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Oil India Limited
Organisation Name	Oil India Limited
Office Name	Oil India Limited
Total Quantity	2
Item Category	FEED HEATER (INDIRECT BATH TYPE) FOR CRUDE OIL DEHYDRATION FACILITY
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *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 to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	5 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	Stage-wise Inspection
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	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	HDFC Bank
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	25

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

SMM

HDFC BANK LIMITED Branch Name :Duliajan Bank Account No.:21182320000016 Type of Account :Current Account IFSC Code :HDFC0002118 MICR Code :786240302 SWIFT Code :HDFCINBBCAL The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details: (i) MT 760 / MT 760 COV for issuance of Bank Guarantee (ii) MT 760 / MT 767 COV for amendment of Bank Guarantee The above message / intimation shall be sent through SFMS by the BG issuing Bank branch to HDFC Bank, Duliajan Branch, IFS Code - HDFC0002118; SWIFT Code - HDFCINBBCAL. Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN - 786602. 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 (Amrit Loushon Bora)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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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 .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.

3. 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.

FEED HEATER (INDIRECT BATH TYPE) FOR CRUDE OIL DEHYDRATION FACILITY (2 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	70%
Min Cost Allocation for ICT as a % of product cost	1%
Number of days allowed for ICT after site readiness communication to seller	90 Days

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	DIPANKAR PATHAK	786602,Oil India Limited, Duliajan, Assam	2	300

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Notes to bidder and BEC/BRC View	Notes to bidder and BEC/BRC	FEED HEATER (INDIRECT BATH TYPE) FOR CRUDE OIL DEHYDRATION FACILITY(2)

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 Additional Terms and Conditions

- Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)
- Bidder shall submit the following documents along with their bid for Vendor Code Creation:
 - Copy of PAN Card.
 - Copy of GSTIN.

c. Copy of Cancelled Cheque.

d. Copy of EFT Mandate duly certified by Bank.

4. Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
5. 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.
6. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
7. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
8. Whereever Essentiality Certificate is applicable (PEL/ML), successful bidder should provide Proforma Invoice for processing for EC application and material should be dispatched after receiving of EC from DGH. In view of the same, an ATC may be incorporated in GeM, viz, "BIDDER/OEM must provide Proforma Invoice for processing for EC application within 255 days from date of issue of GeM Contract and material should be dispatched after receiving of EC from DGH."
9. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No. and date : 3/2017 dated 28/06/2017
10. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
11. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1 + 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

12. Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
- ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

13. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
14. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. 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.](#)

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.

---Thank You---

Annexure-IA

SUPPLY OF FEED HEATER (INDIRECT BATH TYPE) FOR CRUDE OIL DEHYDRATION FACILITY(EETs) AT ITF, TENGAKHAT

Ethylene Glycol Bath Type Indirect Heater of heating capacity 1.8×10^6 watts (6.128 MMBTU/Hr) for pre-heating 310000 lbs/hr (4687 KLPD) of crude oil to feed into Dehydration system (EETs), as per OIL drawings – OIL10888

1.0 SERVICE CONDITION

1.1	Fluid to be handled	:	Crude oil mixed with sweet natural gas & formation water
1.2	Oil Viscosity	:	20.0 cP
1.3	Oil Density	:	63.3 lb/cft
1.4	Flow Rate	:	310000 lbs/hr (4687 KLPD)
1.5	Heating capacity	:	1.8×10^6 watts (6.128 MMBTU/Hr)
1.6	Coil Inlet Pressure	:	58 psig(4.1 Ksc)
1.7	Coil inlet Temp	:	86 deg F(30 deg C)
1.8	Coil Outlet Temp	:	140 deg F(60 deg C)
1.9	Max Coil operating pressure	:	105.46 kg/cm ² (1500 psig)
1.10	Design Pressure (Shell)	:	145psig
1.11	Design Temperature	:	266 deg F(130 deg C)
1.12	Bath medium	:	Ethylene Glycol
1.13	Concentration	:	80% wt%of H ₂ O
1.14	Water bath temp	:	212. 0 Degree F(100 Deg C)
1.15	Gross Heat Release	:	8.17 MMBTU/h

2.0 APPLICABLE STANDARDS FOR MATERIAL OF CONSTRUCTION & FABRICATION

2.1	Fire Tube standard	:	Seamless Carbon Steel Pipe as per ASTM A106 Gr. B
2.2	Coil Pipe	:	Seamless Carbon Steel Pipe as per ASTM A106 Gr. B/ API 5L Gr. B
2.3	Coil Fittings	:	As per ASTM A 234 Gr. WPB or WPC
2.4	Shell Body	:	As per IS2062 Gr. B Standard
2.5	Coil end connection	:	As per ASTM 105 Gr B
2.6	Fastners	:	As per IS 1364 / ASTM A 307 Standard (For non pressure parts)
2.7	Studs & Nuts	:	As per ASTM A193 Gr. B7 & ASTM A194 Gr. 2H Standard
2.8	Fuel Gas piping system	:	As per ASME B31.3 Standard
2.9	Welding	:	As per ASME Section IX.
2.10	Design, fabrication & Shop testing	:	As per API Spec 12K
2.11	Shell nameplate	:	As Per API 12K

3.0 SHELL

Shell will conform to all the requirements and dimensions of OIL Drawing no:10888 and must have adequate nozzles for inlet, outlet of coils, fire tubes and mounting, various equipment & instruments for burner, drain valves etc.

The Indirect Heater shell will have suitable lifting lugs attached for lifting and placing the same at site.

The Indirect Heater shell will have Two (2) nos. of 3/4" studs with nuts (1 each at one of the legs and the vessel) to be welded for electrical earthing.

Expansion Tank: 508mm OD x12.7 mm Expansion tank shall be equipped on the top of the shell as per OIL drawing: 10888

4.0 PRESSURE COILS:

4.1	No. of Coil: 1(one)
4.2	No. of Pass: 14 (fourteen) passes.
4.3	No of Path: minimum 8 paths
4.4	Coil pipe to Header (size): 80 mm NB, Bore 77.92MM, wall thickness 5.49 MM, schedule 40
4.5	Header Pipe size: 8" NB, OD: 8.625", Schedule: 80
4.6	Coil Material: Seamless pipe as per API-5L Gr. B, / ASTM A106 Gr. B .
4.7	Coil Operating Pressure: Max: 105.46 kg/cm ² (1500 psig)
4.8	Coil Hydraulic Test Pressure: 1.5 times the maximum working pressure
4.9	Radiography of weld joints of Coil bundle: 100 %

5.0 Coil End Connection:

- 5.1 Coil End (Inlet & Outlet to header): Flanged, 200NB, #300 WNRF, conforming to ANSI B16.5
- 5.2 Companion Flange : The Indirect Heater shall be complete with bevel ended companion flanges conforming to ANSI B16.5, ring joint gasket and required Nos. of high tensile studs-nuts as per ASTM A193 Gr. B-7, ASTM A194 Gr. 2H respectively shall be provided.

6.0 Fire Tube & Chimney:

Fire tube & Chimney shall conform all the requirements and dimensions of OIL Drawing no: 10888 & designed for natural draft.

(a) There will be only 02 no of fire tube, 02 no of chimney and 02 no of flame arrestor box for burners. Each Flame arrestor Box will have to accommodate 1(one) set of main burner & Pilot Burner of required size and capacity as per overall heater design duty, i.e. 6.128 MMBTU/h.

Fire tube size: 508 mm (20") OD x 12.7mm (0.314") WT Seamless Carbon Steel Pipe as per ASTM A106 Gr. B

7.0 Flame Arrested Burner & Accessories:

Standard flame arrestor, Aluminium box type suitable for offered Bath Type Indirect Heater of following specification:

- a) Make: FLAMECO OR WENKO OR ACL BLACKGOLD
- b) Fire tube : "U" type, OD, ID & other dimensions of fire tube as per drawing OIL/10888
- c) Burner fuel:
 - i) Natural gas Calorific value: 1000 BTU
 - ii) Available Gas Pressure: 0.7-1.05 Kg/sq. cm (10-15 Psi)
- d) Main Burner Assembly: Each flame arrestor should be complete with main burner assembly of rated capacity. Main burner assembly shall be comprising of 1 set of mixture assemblies, burner nozzles, burner orifices & burner pipe nipples.
* Heat Calculation sheet for offered Main Burner assembly shall be provided for Evaluation.
- e) Pilot Burner Assembly: Each flame arrestor should be complete with pilot burner assembly as detailed in Burner Management System clause 8.0 A (a), (b) & (c)

8.0 INSTRUMENTATION & CONTROL SYSTEM:

Each Indirect Heater Unit shall be equipped with the following Instrumentation and control system. Items shall be from the manufacturers as provide in the vendors list.

A. BURNER MANAGEMENT SYSTEM:

- a) TECHNICAL SPECIFICATIONS FOR BURNER MANAGEMENT SYSTEM FOR INDIRECT HEATER (IH):
The BMS controller will be used to primarily control and monitor the complete ignition and firing sequence of the burners installed in the Indirect Heater. It will monitor the presence of pilot flame and will shut off the fuel gas flow if the flame goes out. An auto re-light will try to re-ignite the burner up to three times if there is a flame failure. There will be provisions for dedicated alarm inputs for low liquid level, high bath temperature and low as well as high gas pressure that can be user configurable.
 - i. Approvals: CSA: Class 1 Division 2 Groups C & D. T4 (BMS Controller) - CSA: C22.2 No. 199 (Combustion Safety Controls and Solid-State Igniters for Gas and Oil Burning Equipment)
 - ii. Operating Temperature: up to +40°C.
 - iii. Housing and Parts Materials: Fiberglass Polyester /Aluminium/SS.
 - iv. Power supply: 230VAC is available at site. However, BMS system shall be operable at 12 - 30VDC power.
 - v. Display type: LCD/Vacuum Fluorescent Display (VFD) with Full Text Message.
 - vi. Operator control: Keypad (Start, Stop, Menu etc.)
 - vii. Burner(s): Dual Burner
 - viii. Temperature Control: 4-20mA PID Control
 - ix. Configurable alarm

b) Technical Specifications for Pilot Guard:

The following minimum should be provided for each burner

- i. Burner Nozzle
- ii. Fuel/Air mixer
- iii. Ignition cable
- iv. Ignition module with Class 1 Div 1 Enclosure
- v. (Certified Combustion Safety Control as required by B149.3)
- vi. Electrode Spark Rod/Flame Sensor
- vii. Electrode Mount Adapter
- viii. Ground Wire and Clamp

c) Other accessories:

- i. Shut down valves for main fuel line (Two numbers).
- ii. Control valve with positioner for Temperature control in main fuel line. (Note: The valve and the positioner shall be of same make for better mechanical compatibility)
- iii. 24 VDC operated Solenoid valves for main fuel line Shut down valves.
- iv. 24 VDC operated Solenoid valves for main fuel line vent
- v. 24 VDC operated Solenoid valves for pilot lines (Two numbers)
- vi. Thermocouple with thermocouple cable for temperature control loop.
- vii. I/P converter for temperature control loop.
- viii. Pressure switches with isolation valve/manifold for high and low fuel pressure shutdown.
- ix. Temperature switch with thermowell for high bath temperature shutdown.
- x. Level switch for low liquid level shutdown.
- xi. Pressure regulating valves for main and pilot lines.
- xii. Pressure gauges with isolation valves in both main and pilot gas lines
- xiii. Temperature gauge with thermowell for temperature indication of the vessel.
- xiv. Pressure gauge with isolation valve for pressure indication of the vessel.
- xv. Magnetic glass tube level indicator for the vessel.
- xvi. One spare temperature sensing point with thermowell and one spare pressure sensing point on the vessel with isolation valve to be provided for future use.
- xvii. Temperature gauges with thermowell for temperature indication of the Inlet & Outlet Headers.
- xviii. Pressure gauge with isolation valve for pressure indication of the Inlet & Outlet Headers.

B. BURNER CONTROLS:

- i. Remote ignition of Pilot burner using Ignition transformer & electrodes (Power availability at site will be 230 VAC, 50 Hz, Single phase)
- ii. Pilot flame sensing and shutdown of main fuel supply in case of pilot flame failure.

C. CONTROL PHILOSOPHY OF INDIRECT HEATER UNIT:

- i. Temperature control of the indirect heater will be from BMS using I/P converter with a control valve (not a shutoff valve) in the main fuel line forming the control loop.
- ii. The logic for fuel supply shutdown for various process abnormalities shall be from BMS.
- iii. Alarm for pilot flame failure and shutdown of the fuel supply.
- iv. High temperature alarm and shutdown of the fuel supply.
- v. Low liquid level alarm and shutdown of the fuel supply.
- vi. DC power supply for powering all electronic instruments. 230 VAC to 24 VDC converter shall be supplied by the bidder.
- vii. All electronic instruments, transmitter etc. shall operate in 24V DC supply.
- viii. Necessary RS-232/RS-485 interface with PLC for remote transmission of important data. For cable requirement refer to point no. C (x). Providing Modbus Registers as well as populating the desired parameter data in any Modbus data scanning software (e.g MODSCAN) shall be in the bidder's scope.
- ix. All the electronic field instruments should be suitable to operate in 100% Relative Humidity environment.
- x. The control unit of Burner Management System shall be installed at the control room which is approximately 150 metres away from the indirect heaters. Necessary power and control cables will be in bidder's scope.

D. Bill of Materials

Sl No.	Description	Vendor	Quantity
1	Burner Management System (Dual Burner, electronic)	Canalta /ACL / FMC Invalco /Profire	1 Set
2	Thermocouple with thermowell and thermocouple cable for temperature control	-	1 Set
3	I/P Converter	Emerson Process Management / Honeywell / Yokogawa / ABB / Endress+Hauser	1 No.
4	Shut down valve for main fuel line with proof of closure	Canalta / Norriseal / Invalco / ASCO / Rotex	2 No.
5	24Vdc 2-way Solenoid valves for main fuel line	ASCO / Rotex	1 No.
6	24Vdc 2-way Solenoid valves for pilot fuel lines	ASCO / Rotex	2 Nos.
7	24Vdc 2-way Solenoid valves for main fuel line vent	ASCO / Rotex	1 No.
8	Pressure switch (0.4-2.5)Kg/cm2 (Rising) for high gas pressure with isolation valve/manifold.	Switzer / Danfoss / Indfoss	1 No.
9	Pressure switch (0.4-2.5) Kg/cm2 (Falling) for low gas pressure with isolation valve/manifold.	Switzer / Danfoss / Indfoss	1 No.
10	Temperature switch (20-100) deg C. with thermowell	Switzer / Danfoss / Indfoss	1 No.
11	Liquid level switch	Emerson Process Management / Norriseal / Endress+Hauser / Cenatco / Invalco / Magnetrol	1 No.
12	Pressure Regulating Valve (0-250)psi (in main fuel line)	Emerson Process Management / Shavo Norgren	1 No.
13	Pressure Regulating Valve (0-10)psi (in the pilot line)	Emerson Process Management / Shavo Norgren	1 No.
14	Air filter cum pressure regulator (0-10)psi	Emerson Process Management / Shavo Norgren / Marshbellofram	2 Nos.
15	Air filter cum pressure regulator (0-100psi)	Emerson Process Management / Shavo Norgren / Marshbellofram	3 Nos.
16	24Vdc Power supply unit(SMPS)	Phoenix Contact / P&F / AB / MTL	1 No.
17	Magnetic Sight Glass Gauge	Levcon / Chemtrol / Norriseal / Cenatco / Invalco / Daniel/ Ferguson/ Magnetrol	1 No.
18	Temperature Control Valve with positioner, (3-15)psi, Normally Closed	Emerson Process Management / MIL / Valtek / Norriseal	1 No.
19	Pressure Gauge (0-7)kg/cm2 with isolation valve	Odin / Wika / Ashcroft / General / Forbes Marshall	1 No.
20	Temperature gauge (0-100) Deg C (Inlet, Outlet and vessel)with thermowell	Odin / Wika / Ashcroft / General / Forbes Marshall	3 Nos.
21	SS Tubes and fittings	Swagelok / Parker / Sandvik	1 Lot
22	Control & Power Cables	-	1 Lot
23	Erection hardware	-	1 lot

Note: All the above-mentioned items as per BOM are minimum only. It is the bidder's responsibility to include any items / increase quantity that will be required for the complete control system of the Indirect Heater. The bidder has to submit the detail BOM as per their design along with Makes, Model No, Range, Quantity etc. along with the bid.

Annexure-IB

SPECIAL NOTES TO BIDDERS

- 1.0 The bidder shall confirm that the goods, materials to be supplied shall be new, of recent make, of the best quality & workmanship. The bidder shall confirm that the materials shall be guaranteed for a period of 12 months from the date of receipt/assembling/commissioning at Fields, against defects arising from faulty materials, workmanship or design. Defective goods / materials or parts notified by OIL to the Seller shall be replaced immediately by the Seller on FOR destination basis including payment of all taxes and duties at Seller's expense. This guarantee shall survive and hold good notwithstanding inspection, payment for and acceptance of the goods.
- 2.0 Suppliers are to note that the drawing supplied by OIL is purely to guide the suppliers to make the final working drawings by them. The drawings should, in no case be treated as final fabrication drawings. Manufacturer's working drawing should be sent to OIL for approval along with Quality Assurance Plan (QAP) prior to the commencement of manufacture/fabrication of the heaters. The Bidder shall confirm the same in their technical Bid
- 3.0 All the welding shall be done as per ASME section IX. Suppliers shall confirm that all coils and shell welding will be done by welders who are qualified under ASME boiler and pressure vessel code section- IX regulations.
- 4.0 Stress relieving of the pressure coils and fire tubes shall be required. Stress relieving operations are to be conducted in automatic temperature controlled furnace. The Bidder shall confirm the same in their technical Bid.
- 5.0 Pressure coils and fire tubes should be hydraulically tested to the pressure specified in the drawings & technical specification. The Bidder shall confirm the same in their technical Bid.
- 6.0 The coils & Fire tubes should be tested 100% radiographically. The Bidder shall confirm the same in their technical Bid.
- 7.0 Radiographic test report should be produced to OIL's inspectors while inspecting and subsequently to be provided with supply of the materials.

8.0 BID ENCLOSURES

The bidders must furnish the following information as enclosures in their bids.

- i. Detail specification with make of Instrumentation item like Burner Management System, Pressure switches, Temperature switches, Level switches, I/p converter, Regulators, Solenoid valves, SS tubes & SS fittings, Pressure Gauges, Temperature Gauges, Level Gauges, armoured cables etc. including electrical power requirement and any other related accessories not mentioned herein for OIL's scrutiny.
- ii. Relevant technical literature / catalogue showing technical details for individual items are to be provided.
- iii. Typical layout drawing showing all the equipment quoted including general layout & P&I diagram.
- iv. Typical General Arrangement Diagram (GAD) of the unit.
- v. Typical Sectional drawing showing the internals of the indirect heater.
- vi. Design details & Heat Calculation for Burners with supporting product Brochure.

9.0 THIRD PARTY INSPECTION:

OIL will/may arrange for Third Party Inspection of the materials (at any stage of order execution) at Bidder's/Manufacturer's plant by any of its approved third-party inspection agency.

Appointment of TPIA will be under OIL's scope. Inspection Agency will be appointed by OIL to carry out stage wise inspection of the Equipment as per approved Drawings, QAP & Conditions of the purchase order from any one of the OIL approved 3rd party agencies. The scope of works for the Third Party Inspection Agency will be as follows:

- a. To review qualification of the welder and welding procedure specifications (WPS) as per ASME code.
- b. TPI should ensure Fabrication process has been done as per relevant ASME section code & API12K.
- c. Stage wise inspection to review and ensure use of raw materials as per purchase order/approved drawings/QAP. This shall be done by reviewing original MTC or by chemical analysis and physical test.
- d. To ensure that the bidder complies with the requirement as stated in technical specifications for electrical & Instrumentation items.
- e. To review the stage wise inspection of sub assemblies viz. inlet and outlet, Fire tubes, process coils & Headers, companion flanges etc. before final assembly.
- f. To review the radiography film of weld joints as per ASME code and heat treatment chart.
- g. To witness final dimensional inspection and ensure proper workmanship.
- h. To witness hydro test of the vessel, Process Coil and fire tube.
- i. To document and issue inspection certificate.
- j. To certify that heat resistant anticorrosive paint has been applied in the interior by the manufacturer.
- k. The above scope inspection is for general guideline only. If third party desire to carry out any additional inspection as per the scope of API Specification 12L, ASME SEC VIII, DIV-I & II with respect to fabrication of the EET, should be included during appointment of TPIA.

The scope of TPI may change without any prior notice to the successful bidder. While submitting offer, the bidder should not include cost of Third Party Inspection as the same will be arranged by OIL.

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. For the purpose of Third Party Inspection:

- i) 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.
- ii) 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.
- iii) 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.
- iv) The supplier shall not be entitled to object on any ground whatsoever to the method of testing adopted by the OIL nominated TPI Agency.
- v) Unless otherwise provided for in the Purchase Order, the quantity of materials expended in test will be borne by supplier.
- vi) The decision of the Third Party Inspection Agency nominated by OIL regarding acceptance/rejection of material shall be final and binding on the supplier.
- vii) 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.

- viii) 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.
- ix) 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.

10.0 PRE-DISPATCH INSPECTION BY OIL

OIL's representative shall inspect the materials prior to dispatch at vendor's works at OIL's cost. OIL's representative shall review TPI reports, witness hydraulic testing of coils, Fire tubes and Functional testing of bath heaters, BMS and remote ignition system. Three weeks prior notice to be given to OIL for pre-dispatch inspection.

Manufacturer/bidder shall facilitate above inspections without any cost to OIL. However, Cost of travel, accommodation and other expenses of OIL's inspection team will be borne by OIL.

11.0 PAINTING AND INSULATION:

- I. External surface shall be cleaned, by sand blasting to Sa2 -1/2 grade followed by 2 coats of heat resistant primer followed by high temperature aluminium paint.
- II. Inner surface will be cleaned by wire brushing and will be provided with 2 coats of heat resistant primer. Each coat will have min DFT of 35 micron.
- III. The heater body shall be thermally insulated by rock wool (Density 120) and aluminum sheet (20 gauges) covered with tight sealing, to prevent heat loss and external insertion of water and foreign elements.

12.0 MARKING:

OIL's logo, Purchase order No. and manufacturers name shall be die stamped/weld written in the shell of the heater.

13.0 INSTALLATION & COMMISSIONING:

- i) The detailed foundation drawing of the Indirect Heater Units shall be submitted to OIL 6 months before dispatch of unit, in soft and hard format enabling OIL to erect the foundation and allowing the proper curing time prior to placement of the unit on the foundation.
- ii) OIL will provide necessary crane service for unloading the unit from trailer and placement of the unit on the foundation.
- iii) On placement of the equipment on foundation by OIL, the supplier will be intimated to depute their representative/Service engineer. The supplier shall depute their representative/ service Engineer within 20 days after receipt of official intimation.
- iv) Installation & commissioning of the each Indirect Heater will be carried out separately and the supplier has to depute their representative/Service engineer as per requirements. The Bidder shall confirm the same in their technical Bid.
- v) All the PPEs including helmet, shoes, eye protecting goggles, dungaree, hand gloves, electrical safety gloves etc. as required to the personnel engaged by the supplier for the installation and commissioning works shall be provided by the supplier.
- vi) INSTRUMENTATION & CONTROL PANEL
 - a. Commissioning of the Instrumentation control systems, burners and burner management system and necessary instrumentation piping/cabling shall be in the scope of the supplier. The successful bidder has to install the BMS in the control room which is at a distance of 150 meter (approx) from the Indirect Heater Unit. The successful bidder needs to carryout laying of armoured cable, cable tray etc.
 - b. The unit shall be complete with all necessary tubing and fittings.

- c. Supply of necessary erection hardware like armoured power and signal cables, junction boxes, galvanised cable tray, instrument mounting post, canopy etc as required is under bidder scope.
- d. All field instruments should be mounted in 2 inch pipe with canopy
- e. All the pressure gauge, transmitters shall be provided with isolation valves
- f. All the temperature sensors shall be provided with suitable thermo wells.
- g. Entry of cable to any instruments, panel, junction boxes etc should be done through double compression FLP cable glands. The end termination in the wires should also be done using suitable ratings lugs/connectors, cross feruling etc.
- vii) The representative/Service Engineer shall have to provide practical demonstration to operating personnel of OIL regarding safe operating procedure & maintenance aspects of equipment, BMS & other Instrumentation items.
- viii) The supplier has to finally undertake commissioning of the complete system by carrying out functional test of all components of the unit as detailed below to the satisfaction of OIL.
 - a. Functional Test shall be carried out to evaluate the proper functioning of Flame Arrested Burner, burner management system & all instrumentation system, upto the satisfaction of Installation Manager of OIL.
 - b. Functional Test shall be carried out for 3 days of continuous operation for each unit. Functional Test shall be started when the operation of Indirect Heater & accessories is stabilized under normal working conditions for 24 hours.
 - c. Before commencing of Functional Test, Installation of the Equipment & accessories shall be complete in all respect and the Equipment shall be operated and controlled in accordance with set up procedures.
 - d. During Functional Test, if any defects found in design, workmanship of Indirect Heater or in any of the Mountings & Accessories, resulting in shutdown of Equipment or non-achievement of desired output of crude oil as stipulated above in the point (a), supplier shall rectify the problem at his own cost.
 - e. The system shall be tested again for faultless running for 24 hours and Functional Test shall be carried out for 3 days of continuous operation from the date of restarting the Functional Test after any shut down and/or any rectification carried out during PGTR due to non-achievement of desired output of treated quality of crude oil.
 - f. The supplier should complete the Installation and Commissioning job of each equipment including successful Functional Test within a period of 3 (three) months from the date of official intimation to depute their representative for Installation and commissioning.
- ix) Commissioning charges should be quoted separately. The supplier will have to arrange for transportation, boarding & lodging and security of the supplier's personnel(s) during their stay at Duliajan / site for commissioning the unit(s).

14.0 DOCUMENTATION WITH SUPPLY OF EQUIPMENT:

The successful bidder must provide the following documents to OIL and send the same well ahead of delivery of the materials at site. The Bidder to confirm the same in the technical bid.

A. DRAWINGS & MANUALS:

- I. The detailed foundation drawing of the Indirect Heater shall be submitted to OIL 6 months before dispatch of unit, in soft and hard format enabling OIL to erect the foundation and allowing the proper curing time prior to placement of the unit on the foundation.
- II. Process and Instrumentation (P&ID) diagrams.
- III. General Arrangement Diagram (GAD) of the unit.
- IV. Sectional drawing showing the internals of the indirect heater.
- V. Instrument list, instrument data sheets, calibration reports, as built drawings, hook-up drawings etc.

- VI. Bounded technical manual for the complete package of equipment covering the following details -
- a) P&I diagram of the process.
 - b) Loop drawing of the control panel.
 - c) Operation and maintenance manual of each Instruments.
 - d) The list of all the spares/ components indicating OEM's part.

B. TEST CERTIFICATES:

- a) CERTIFICATION FOR VESSEL: Manufacturer to provide following certificates for vessel along with the supply as per standard of manufacture & QAP. The Bidder shall confirm the same with the technical bid.
- I. Raw materials: Chemical & mechanical test certificate as per standard specified in technical specification.
 - II. Hydraulic test certificate, radiographic test certificate, certificate of Quality & Standard of welding.
 - III. Certificate of visual inspection & measurement of dimensions.
- b) CERTIFICATION FOR INSTRUMENTATION ITEMS: All electronic/electrical instruments, Junction box use in hazardous area should fulfil the following. The Bidder shall confirm the same with the technical bid.
- I. Item shall be of a type and specification confirming to the relevant standards as specified in the Regulation 107(2) of Oil Mines Regulation-2017 and complying the provisions therein.
 - II. 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.
 - III. 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.

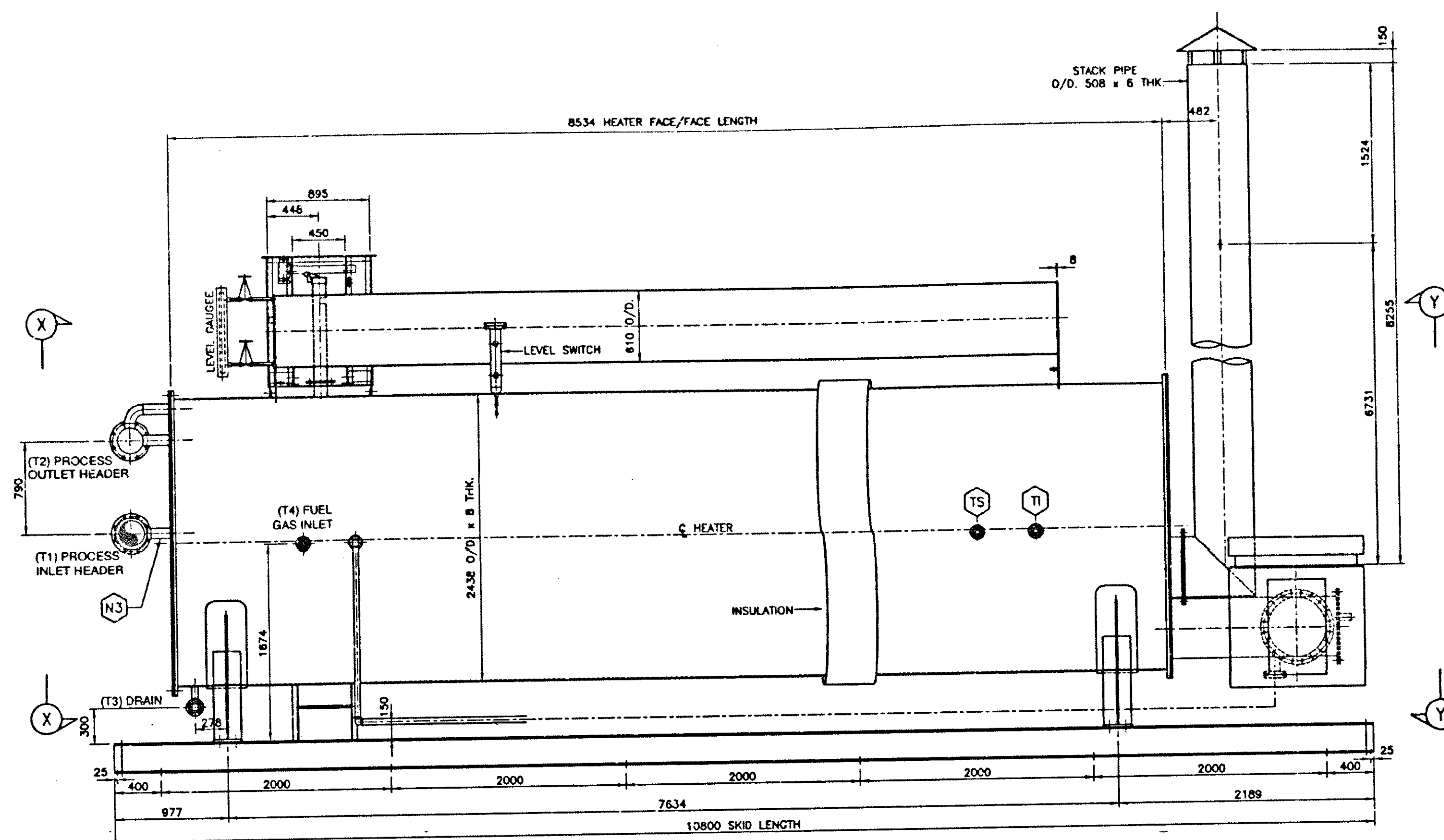
15.0 The tender document consist of the following:

- Annexure – IA : Technical Specification & Scope of Work**
- Annexure – IB : Special Notes to Bidder on Technical Specification & Scope of Work**
- Annexure – II : General Notes to Bidders**
- Annexure – III : Bid Rejection Criteria / Bid Evaluation Criteria**

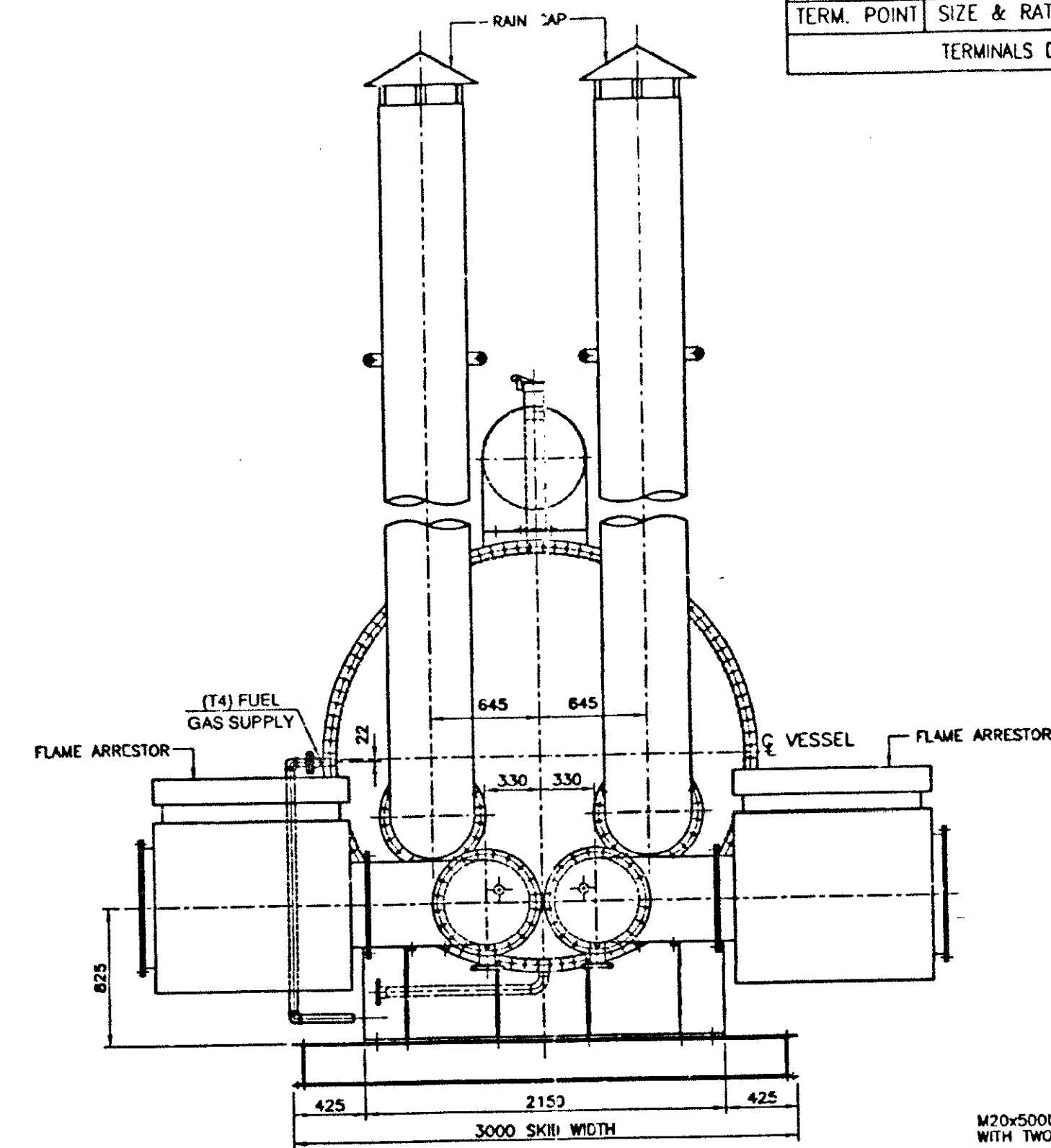
Bidder(s) must submit their offer in compliance to this GeM Tender including GeM General Terms & Conditions and all above mentioned Annexures.

16.0 Bidder must submit all the checklist duly filled alongwith their technical bid, for evaluation of their offers.

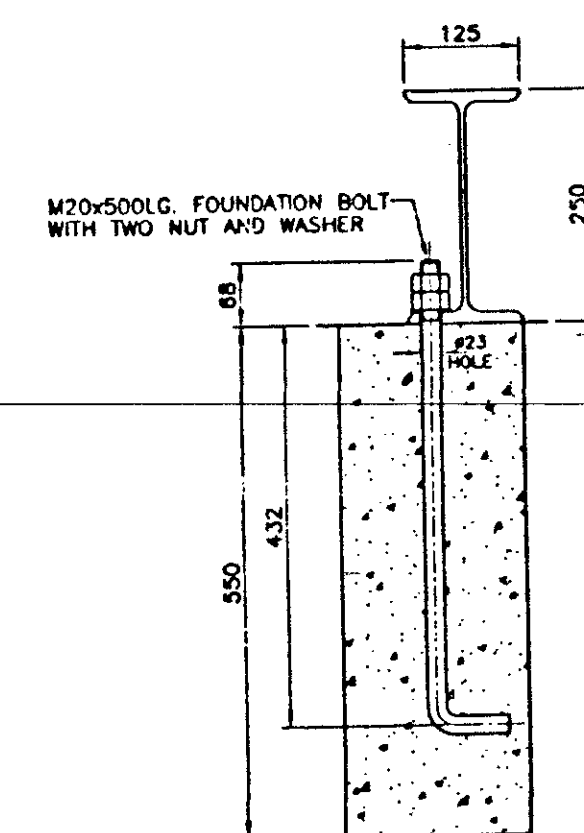
T4	1.1/2"NB, 150#, RF	FUEL GAS INLET
T3	2"NB, 150#, RF	DRAIN
T2	8"NB, 150#, RF	PROCESS OUTLET
T1	8"NB, 150#, RF	PROCESS INLET
TERM. POINT	SIZE & RATING	SERVICES
TERMINALS DETAILS		



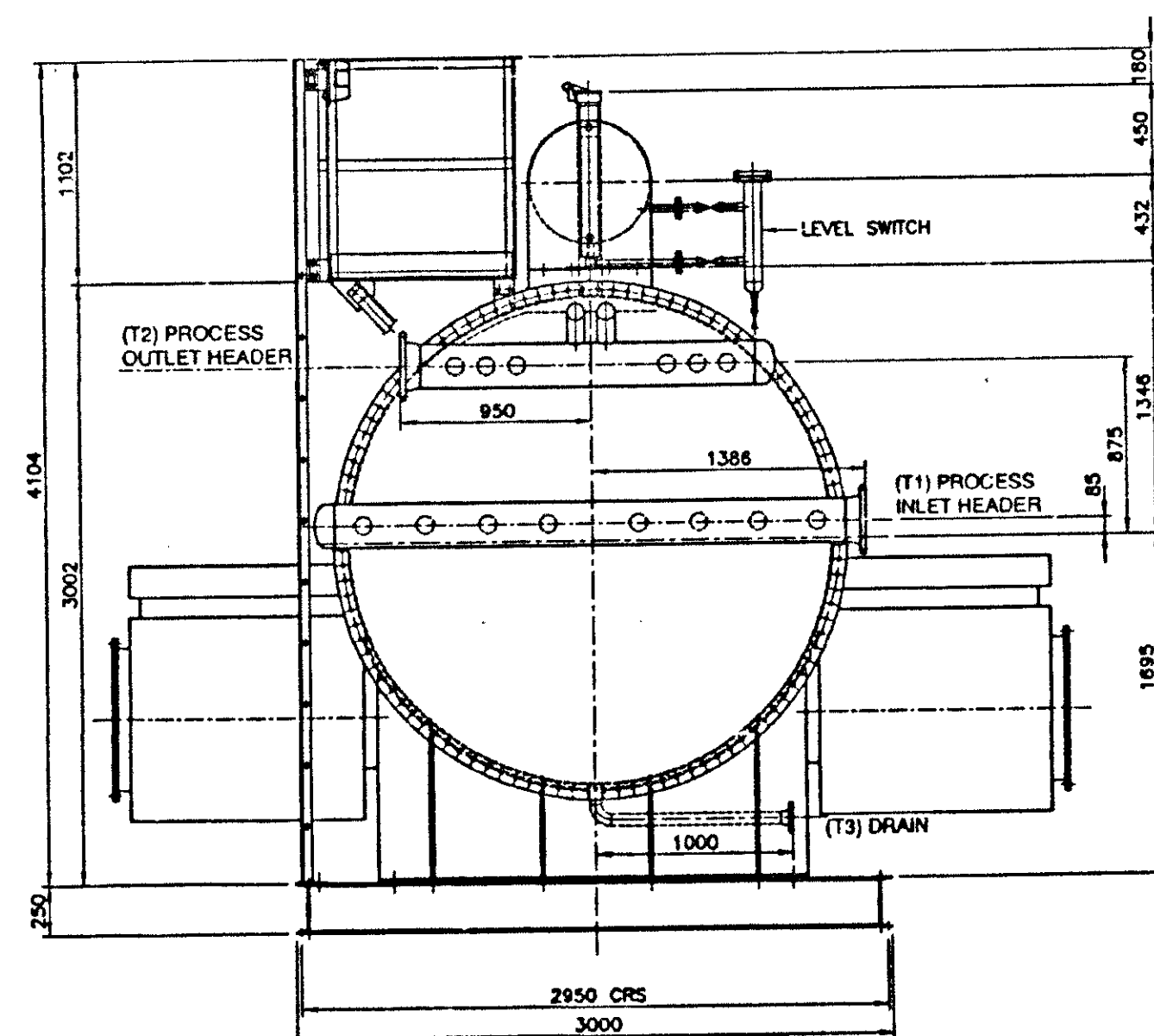
ELEVATION



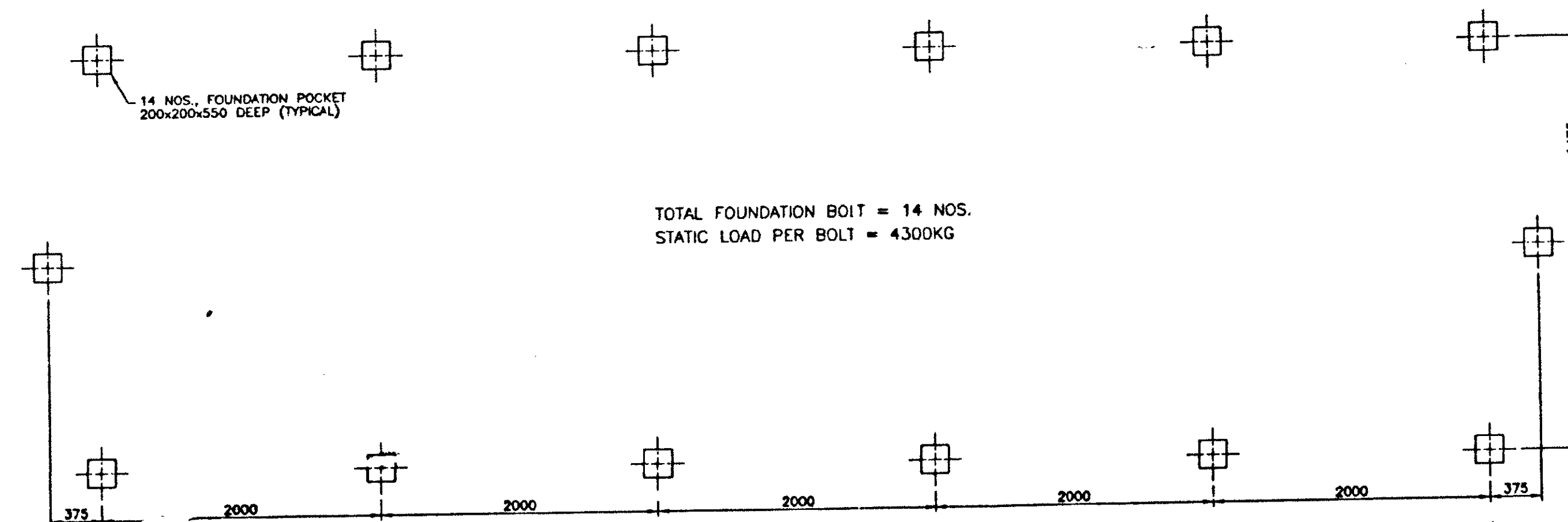
VIEW-YY'



FOUNDATION BOLT DET.



VIEW-XX'



FOUNDATION LAYOUT PLAN

APPROVED BY: Dea DATE: 08.03.2019

NAME: UTPAL DEKA DESIGNATION: DGM-PSS(PD)

DEPARTMENT: PRODUCTION SERVICES SUPPORT

OIL INDIA LIMITED
DRAWING OFFICE
DULIAJAN

DRG No.
OIL/10888

TITLE:
GENERAL ARRANGEMENT OF BATH TYPE INDIRECT HEATER
OF PROJECT : CRUDE DEHYDRATION FACILITY-ITF,
TENGAKHAT.

(SHEET 1 OF 2)

ANNEXURE-II

A) GENERAL NOTES TO BIDDERS:

SL No.	Bid Requirement	Bidder's Response (Complied/Not Complied. Reference to any document attached along with the bid)
1.0	Bidders shall submit their offer mentioning pointwise compliance / non-compliance 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	Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.	
3.0	The items covered in this Tender shall be used by Oil India Limited in the PEL/ML areas and hence concessional GST @5% (for indigenous bidder) will be applicable as per Govt. Policy in vogue. Successful bidder shall arrange to provide all necessary documents (invoice etc.) to OIL for applying Essentiality Certificate atleast 45 days prior to stipulated Delivery date. 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.	
4.0	<p>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-DLE-16062021-227649 dated 16th June, 2021 issued by Ministry of MICRO, SMALL AND MEDIUM ENTERPRISES. The existing enterprises registered under EM- Part-II or UAM till 30th June, 2020 shall continue to be valid only for a period up to the 31st day of December, 2021.</p> <p>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:</p> <p>Udyam Registration Number with Udyam Registration Certificate.</p> <p>OR</p> <p>Proof of registration with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or Udyog Aadhar registration or registration with any other body specified by Ministry of MSME.</p> <p>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.</p>	

5.0	<p>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.</p>	
6.0	<p>Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. FP-20013/2/2017-FP-PNG dtd. 17.11.2020 and its amendment issued from time to time. PP-LC Policy (including its latest modifications/amendments) as may be prevailing on the date of Price Bid Opening shall be applicable against this tender. Bidders are requested to go through the policy and take note of the following while submitting their offer.</p> <p>As per the policy, the bidder must be incorporated in India and must maintain more than 20% local content (LC) for the offered items to be eligible to bid against this tender.</p> <p>1. <u>Certification and Verification</u></p> <p>Class I/Class II Local suppliers are eligible to bid only if they meet the local content norms, therefore whether or not they want to avail PP-LC benefit, it will still be mandatory for them to give adequate documentation as follows to establish their status as class-I or class-II local supplier:</p> <p>(i) <u>At bidding stage:</u></p> <p>a) Price Break-up:</p> <ul style="list-style-type: none"> • The bidder shall provide the percentage of local content in the bid. <p>b)</p> <ul style="list-style-type: none"> • The bidder shall submit an undertaking from the authorised signatory of bidder having the power of Attorney alongwith the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract. • In cases of procurement for a value in excess of Rs 10 crores, the undertaking submitted by the bidder shall be supported by a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practising chartered accountant (in respect of other than companies) giving the percentage of local content. • However, in case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/ subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable. <p>(ii) <u>After Contract Award</u></p> <ul style="list-style-type: none"> • The bidder shall submit an undertaking from the authorised signatory of bidder having the power of Attorney alongwith the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract. • In cases of procurement for a value in excess of Rs 10 crores, the 	

	<p>undertaking submitted by the bidder shall be supported by a certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practising chartered accountant (in respect of other than companies) giving the percentage of local content.</p> <ul style="list-style-type: none"> • However, in case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/ subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practising cost accountant or practising chartered accountant giving the percentage of local content is also acceptable. <p>2. Each supplier shall provide the necessary local-content documentation to the statutory auditor, which shall review and determine that local content requirements have been met, and issue a local content certificate to that effect on behalf of procuring company, stating the percentage of local content in the good or service measured. The Auditor shall keep all necessary information obtained from suppliers for measurement of Local Content confidential.</p> <p>3. The Local Content certificate shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.</p> <p>4. As regards cases where currency quoted by the bidder is other than Indian Rupee, exchange rate prevailing on the date of notice inviting tender (NIT) shall be considered for the calculation of Local Content.</p> <p>5. The Procuring Company shall also have the authority to audit as well as witness production processes to certify the achievement of the requisite local content.</p>	
6.1	Percentage of Local Content (to mention by the bidder)	
6.2	<p>Bidder to categorically confirm under which policy i.e. PP-LC or MSME, they want to avail the purchase preference. Accordingly, bidder must submit requisite document/certificate in support to avail this benefit. The bids will be evaluated based on their declaration.</p> <p>In case bidder do not submit their preference among PP-LC & MSME and submit documents against both, then the offer will be evaluated by giving benefits under MSME policy and it will be binding on the bidder.</p>	
7.0	<p><u>TAX COLLECTIBLE AT SOURCE (TCS):</u> 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.</p> <p>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:</p> <p>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</p>	

	<p>such as challan No. and date) or would be deposited with Exchequer on or before the due date and</p> <p>d) TCS certificate as provided in the Income Tax Act will be issued to OIL in time.</p> <p>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.</p> <p>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.</p>	
8.0	<p>APPLICABILITY OF BANNING POLICY OF OIL INDIA LIMITED:</p> <p>Banning Policy dated 6th January, 2017 as uploaded in OIL's website 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. Applicability of the policy shall include but not limited to the following in addition to other actions like invoking bid security/performance security/cancellation of order etc. as deemed fit and as mentioned elsewhere in the tender:</p> <p>a) Backing out by bidder within bid validity.</p> <p>b) Backing out by successful bidder after issue of LOA/Order/Contract</p> <p>c) Non/poor performance and order/contract execution default.</p> <p>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.</p>	
9.0	<p>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.</p>	
10.0	<p>The tender document includes the following:</p> <p>Annexure – IA : Technical Specification & Scope of Work</p> <p>Annexure – IB : Special Notes to Bidder on Technical Specification & Scope of Work</p> <p>Annexure – II : General Notes to Bidders</p> <p>Annexure – III : Bid Rejection Criteria / Bid Evaluation Criteria</p> <p>Bidder(s) must submit their offer in compliance to this GeM Tender including GeM General Terms & Conditions and all above mentioned Annexures.</p>	

11.0	<p>The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide PROFORMA-IP 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 has 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.</p> <p>OIL's Independent External Monitors at present are as under:</p> <p>SHRI RUDHRA GANGADHARAN, IAS (Retd.), Ex-Secretary, Ministry of Agriculture E-Mail ID: rudhra.gangadharan@gmail.com</p> <p>SHRI SUTANU BEHURIA, IAS (Retd.), E-mail ID: sutanu2911@gmail.com</p> <p>SHRI OM PRAKASH SINGH, IPS (Retd.),, Former DGP, Uttar Pradesh E-mail: Ops2020@rediffmail.com</p> <p>In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact.</p> <p>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.</p>	
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ANNEXURE-III

BID EVALUATION / REJECTION CRITERIA:

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. All the documents related to BEC shall be submitted along with the technical bid.

Sl. No.	Bid Requirement	Bidder's Response (Complied/Not Complied. Reference to any document attached along with the bid)
A.1: TECHNICAL		
1.0	<u>BIDDER'S QUALIFICATION</u>	
1.1	The bidder shall be an Original Equipment Manufacturer (OEM) of the tender items.	
1.2	The bidder shall carry out the fabrication work of the tender item by engaging welders who are qualified under "ASME Boiler and Pressure Vessel Code Section-IX Regulations". Documentary evidence in regard of welder qualifications shall be supplied by the bidder along with the bid. The list of welder(s), who will be engaged for fabrication of the tender item, along with respective welder performance qualification test report carried out within last 05 years preceding bid closing date of this tender, shall be submitted along with the technical bid.	
2.0	<u>BIDDER'S EXPERIENCE:</u>	
2.1	<p>The bidder shall have the experience of successful execution of order(s) for not less than 50% of tender quantity (rounded off to the next higher integer), of any crude oil process equipment as detailed below, to an E&P Company, either by himself or through his agent in last 05 years from the original bid closing date of the tender.</p> <ul style="list-style-type: none"> a) Indirect Heater of working pressure of 105.46 kg/cm² or above. b) Crude Oil Emulsion Treater of working pressure 2.0 kg/cm² or above. c) Gas Oil Separator of minimum 200 KLPD capacities & working pressure 1.0 kg/cm² or above. 	
2.2	<p>The bidder shall submit the following documents in support of successful execution of past supply /contract, as applicable under clause 2.1:</p> <ul style="list-style-type: none"> a) Copy(ies) of Purchase Order(s) / Contract document(s), 	

	<p style="text-align: center;">“AND”</p> <p>b) Any of the following documents that confirms the successful execution of the order(s)-</p> <ul style="list-style-type: none"> • Performance/Commissioning Report from the clients • Delivery challan / invoice etc. • Any other documentary evidence that can substantiate the successful execution of the aforesaid Purchase Order(s)/ contract(s). <p>Note:</p> <p>I) The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.</p> <p>II) Satisfactory Supply/Completion/Installation/Performance/Commissioning report submitted should be issued on client’s official letterhead with signature and stamp.</p> <p>III) The bidder shall quote for all the items specified in this tender and shall agree to supply as per specifications mentioned in item's descriptions.</p>	
3.0	Bidder should categorically confirm in the technical bid a delivery schedule within 300 days after receipt of formal order.	
A.2: FINANCIAL		
1.0	The bidder shall have an annual financial turnover of minimum Rs. 85.14 Lakh during any of the preceding 3 (Three) financial/accounting years reckoned from the original bid closing date of the tender.	
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.	
3.0	<p>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 (refer PROFORMA- 1) certifying that ‘the balance sheet/Financial Statements for the financial year (As the case may be) has actually not been audited so far’.</p> <p>Note:</p> <p>a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:-</p> <p>i) A certificate issued by a practicing Chartered/Cost Accountant (with</p>	

	<p>Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in PROFORMA – 2.</p> <p>OR</p> <p>ii) Audited Balance Sheet along with Profit & Loss account.</p> <p>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.</p>	
4.0	<p>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:</p> <p>i) Turnover of the parent/ ultimate parent/ holding company should be inline with requirement.</p> <p>ii) Net Worth of the parent/ultimate parent/ holding company should be positive in line with the requirement.</p> <p>iii) Corporate Guarantee (as per PROFORMA-3) on parent / ultimate parent / holding company's company letter head signed by an authorised 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.</p> <p>iv) Document of subsidiary company being 100% owned subsidiary of the parent/ ultimate parent/ holding company.</p>	

PROFORMA-1

FORMAT FOR CERTIFICATE OF COMPLIANCE OF FINANCIAL CRITERIA

Ref: **Financial Criteria of the BEC**

Tender No.: _____

I the authorized signatory(s) of (Company or firm name with address) do hereby solemnly 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 is 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.

PROFORMA-2

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

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

TO WHOM IT MAY CONCERN

M/s.....(Name of the bidder) for the last three (3) completed accounting years

YEAR	TURN OVER In INR (Rs.) Crores	NET WORTH In INR (Rs.) Crores

Place:

Date:

Seal

Membership No:

Signature

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.

PROFORMA-3

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 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 (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)

for and on behalf of

(Bidder)

Witness:

- 1.
- 2.

Witness:

- 1.
- 2.