Oil India Limited
(A Govt. of India Enterprise)
P.O. Duliajan – 786602, Assam

Telephone No. (91-374) 2808705
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Tender No. & Date	:	**SDG9529P19/07 dated: 22.10.2018**
Bid Security Amount	:	**INR 1,34,000.00 OR USD 1,832.00**
Bidding Type	:	**SINGLE STAGE TWO BID SYSTEM**
Bid Closing on	:	**12.12.2018 (at 11.00 Hrs. IST)**
Technical Bid Opening on	:	**12.12.2018 (at14.00 Hrs. IST)**
Bid Validity	:	**Bid Should be valid for 120 days from bid closing date.**
Bid Bond Validity	:	**Bid Bond Should be valid up to 12.07.2019**
Performance Guarantee	:	**Applicable @ 10% of Order value**
Integrity Pact	:	**Applicable**

OIL INDIA LIMITED invites Global Tenders for items detailed in Annexure-I.

List of Annexures Applicable	:	**Annexure-I: Specifications, General & Special notes to bidders** **Annexure-II: Bid evaluation & Rejection Criteria** **Annexure-III: Check List (Commercial)** **Annexure-IV: Certificate of Annual Turnover & Net Worth** **Annexure-V: Technical Evaluation Matrix (BEC)** **Annexure-VI: Technical Evaluation Matrix (Technical Specs.)**

ANNEXURE – I

AA:: SPECIFICATION & QUANTITY OF THE ITEMS TO BE PROCURED

ITEM NO.	MATERIAL DESCRIPTION	QUANTITY & UOM
10	"GATE VALVE, CAST CARBON STEEL, 50.8 MM (2"), ANSI 150 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5 , FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."	45 Numbers

20	"GATE VALVE, CAST CARBON STEEL, 50.8 MM (2"), ANSI 300 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5, FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."	50 Numbers
30	"GATE VALVE, CAST CARBON STEEL, 101.6 MM (4"), ANSI 150 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5, FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and	50 Numbers

	bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."	
40	"GATE VALVE, CAST CARBON STEEL, 101.6 MM (4"), ANSI 300 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5, FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS.	60 Numbers

	E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."	
50	"GATE VALVE, CAST CARBON STEEL, 152.4 MM (6"), ANSI 150 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5 FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."	30 Numbers

60	"GATE VALVE, CAST CARBON STEEL, 152.4 MM (6"), ANSI 300 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5 FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."	35 Numbers

NOTES : DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER:

A) Body & Bonnet: Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. Two nos. of valves randomly selected from each line item will be radiographed as per ASME 16.34.

B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr.F6A having Double Start Threading and surface hardened preferably with nitriding. Stem should be Mirror Finish Quality. Thread of the stem should be left handed. Stem should be forged as per API 600 design (latest edition) to ensure better valve performance & durability.

C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) design; face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face should be ground and lapped to suitable flatness. Tee slot of the stem wedge connection should be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge.

D) Back seat bush: Back seat bush should be 13% Cr. SS.

E) Body & Seat Ring: Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105.Hardness difference between wedge and seat should be minimum 50 BHN. Seat should be harder than wedge.

F) Gland Packing: Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing should be suitable to operate at high temperature service and in oil & gas environment.

G) Gland Bolts: Swing type eye bolt and nuts.

H) Hand Wheel: Direct hand wheel operated valve of spoke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB.

I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H.

BB:: SPECIAL NOTES TO BIDDERS:

1. 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 18 months from the date of dispatch or 12 months from the date of receipt at destination, whichever is earlier, 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 not-withstanding inspection, payment for and acceptance of the goods.

2. The following documents/ brochures shall be submitted along with technical bid:

i. Detailed cross sectional drawing with dimensions, part numbers and material specifications.

ii. Technical catalogue for the quoted valves.

iii. Point wise compliance of Tender requirements. Any deviations from this specification, if any, must be highlighted in the offer.

3. All valves shall be suitable to operate in oil & gas environment.

4. Valve shall be suitable for both buried and above ground installations.

5. Operating devices shall be designed for easy operations of valve under maximum differential pressure corresponding to the valve rating.

6. Valve body Plug & Cover etc components shall be procured from EIL/ Lloyds approved foundries. Necessary supporting documents shall be provided in support of the above.

7. Valve body, bonnet, cover etc. shall be made from radiographic quality casting as per API 600 Standard.

8. Radiographic test shall be done in all Valve body, Plug & Cover etc (as per ASME 16.34) and radiographic films shall be provided for all valves along with material supply.

9. All materials of components of the valves should conform to & tested as per API 600 Standard. Test certificates of chemical & mechanical properties of raw materials used shall be provided along with material supply.

10. All valves shall be inspected & tested as per API spec. 598, and the following pressure tests for each valve must be carried out in line with API spec. 598:

i) Shell pressure test.
ii) Back Seat pressure test.
iii) Low pressure closure test.
iv) High pressure closure test.

11. Hydraulic and air test etc. shall be carried out for each valve as per API 598 Standard. Only kerosene or water with suitable inhibitor to prevent corrosion shall be used for hydraulic testing. After testing, valves shall be properly dried and inside & internal parts of each valve shall be properly greased. The test certificates shall be provided along with material supply.

12. The valves shall bear API monogram and the following permanent marks-
(i) Manufacturer's Name
(ii) Valve size
(iii) Pressure Rating
(iv) Serial No.
(v) OIL's Purchase Order no.

13. Third Party Inspection:
All valves shall be inspected by any one of OIL's approved Third party inspection agencies. viz. M/s Lloyds or M/s Bureau VERITAS or M/s IRS or M/s Rites or M/s Tuboscope Vecto or M/s DNV.

14. The Scope of Third Party Inspection shall be as below and TPI certificates shall be submitted by the supplier along with material supply.

i) To carry out stage wise inspection as per QAP, from procurement of raw materials to assembly to ensure that proper technique and procedure as per relevant API Standard/ Purchase order are followed by the manufacturer. The TPI inspection documents, inspection of which has already been done, shall be shown at the time of inspection by OIL official at manufacturer plant.

ii) To ensure that different components of the valve conform to relevant API Standards fully.

iii) To review heat number wise foundry certificates of castings in order to ensure that the materials used are as per purchase order.

iv) To ensure that valve body castings are procured from such foundries as approved by M/s EIL or M/s Lloyds.

v) To review and certify the radiographs of all the valves to ensure that casting of body & bonnet of valve are of radiographic quality. Radiography of Two(02) nos. of valves, randomly selected against each PO line item quantity, shall be witnessed by Inspection Agency and it shall be documented properly.

vi) To witness hydraulic, pneumatic test for the body and seat on each specified valve as applicable in the relevant standard. Only kerosene or water with suitable inhibitor to prevent corrosion shall be used for hydraulic testing.

vii) To ensure that the valves inspected are fully embossed as per clause no.11 above.

viii) To document and review / issue all inspection certificates.

15. All valves will be manufactured strictly as per the QAP only.

16. Seats, wedge, threads, flange surfaces shall be thoroughly cleaned, dried and greased properly after inspection / hydraulic testing to prevent corrosion. Both ends of each valve should also be provided with protective rubber / plastic caps, securely attached to the valves.

17. Valve body & handle/ operating wheel shall be thoroughly cleaned & painted with suitable anti-corrosive paint.

18. Valve shall be suitably protected to avoid any damage during transit or storage.

19. The Bidder to submit attached Technical Evaluation Sheet along with technical bid as below
Annexure V: Technical Evaluation Sheet for BRC/BEC
Annexure-VI: Technical Evaluation Sheet for detailed specification and special terms & condition

20. Considering the nature of the item, if the product offered by the lowest acceptable bidder is not field proven in OIL, purchaser at its discretion may place a trial order to the extent of 25 % (maximum) only and balance quantity will be procured from other competitive bidders whose product has been field proven in OIL. (Refer clause no 3.6 under section D- BRC&BEC of General Terms & Condition MM/GLOBAL/E-01/2005).

CC:: GENERAL NOTES TO BIDDERS:

Sl No	Clause description
1.0	**Note- Tender Fee – Not Applicable. However, bidders must comply the following:** a) Bidders without having E-tender Login ID and Password should complete their online registration at least seven (7) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site https://etender.srm.oilindia.in/irj/portal b) Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company. c) MSEs Units (manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate. d)For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.
2.0	**Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.** **The Bank Guarantee issued by bank must be routed through SFMS platform as per following details**: a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602.

	b. 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.
3.0	The tender will be governed by "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to "General Terms & Conditions" for e-Procurement.
4.0	Bid must be submitted online through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
5.0	Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only **except following documents which are to be submitted manually in sealed envelope super scribing tender no. and due date to The GM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.** **a) Original Bid Security along with two duplicate copies of Bid Security.** **b) Any other documents which have been particularly asked for in this tender for submission.**
6.0	Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time, failing which the offer shall be rejected.
7.0	The tender is invited under **SINGLE STAGE-TWO BID SYSTEM**. The bidder has to submit both the **"TECHNO-COMMERCIAL UNPRICED BID"** and **"PRICED BID"** through electronic form in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The "Techno-commercial Unpriced Bid" shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab "Notes and Attachments". Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender. Notes and Attachments ➔ **Only Price Details Should Be Uploaded** Technical attachments ➔ **All technical bid documents except price details** **Please do refer "NEW INSTRUCTION TO BIDDER FOR SUBMISSION" for the above two points and also please refer " New Vendor Manual (effective 12.04.2017) " available in the login Page of the OIL's E-tender Portal.**

	
8.0	In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFx Response-> User - > Technical Bid. **No price should be given in above Technical Rfx otherwise the offer will be rejected.** Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFx Response-> User - > Technical Bid only. The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under "Notes & Attachments".
9.0	PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.
10.0	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 rejection of its offer without seeking any clarifications.
11.0	Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.
12.0	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.
13.0	Other terms and conditions of the tender shall be as per "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.
14.0	All the Bids must be Digitally Signed using "Class 3" digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3" digital certificate, will be liable for rejection.
15.0	Please do refer the User Manual provided on the portal on the procedure How

	to create Response for submitting offer. "In order to bid for OIL e-tenders all the vendors are required to obtain a 1egally valid Digital Certificate Class III [Organization] along with Encryption Certificate as per Indian IT Act from the licensed Certifying Authorities (CA) operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. Digital Signature Certificate comes in a pair of Signing/verification and Encryption/decryption certificate. Bidder should have both the Signing/verification and Encryption/Decryption certificate for Signing and encryption, decryption purpose respectively. The driver needs to be installed once, without which the DSC will not be recognized. While participating on e-Tendering the DSC token should be connected to your system. Encryption certificate is mandatorily required for submission of bid. In case bidder created response with one certificate (using encryption key) and bidder change his Digital Signature Certificate then old certificate (used for encryption) is required in order to decrypt his encrypted response for getting the edit mode of the response. Once decryption is done, bidder may use new DSC certificate for uploading and submission of their offer. It is the sole responsibility of the bidder to keep their DSC certificate properly. In case of loss of the certificate, OIL INDIA LTD is not responsible."
16.0	Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.
17.0	The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for a period of 18 months from the date of dispatch/shipment or 12 months from the date of receipt at destination, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.
18.0	Quantity of Individual item may be increased or decrease at the time of final placement of order. The minimum FOB charges in case of partial order for reduced quantity/enhanced quantity shall have to be indicated by the bidder. In case, this is not indicated specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder.
19.0	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
20.0	The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure- IX 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. OIL's Independent External Monitors at present are as under:

	SHRI RAJIV MATHUR, IPS (Retd.), Former Director (IB) Govt. of India e-Mail ID : rajivmathur23@gmail.com SHRI SATYANANDA MISHRA, IAS(Retd.) Former Chief Information Commissioner & Ex-Secretary, DOPT, Govt. of India E-mail Id : satyanandamishra@hotmail.com SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : jagmohan.garg@gmail.com
21.0	**Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.**
22.0	Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms & Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. **Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value which should remain valid for the period execution, including extension, if any and the entire warranty period in line with tender requirement. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above. Bidders to note the same and to confirm its acceptance in their offers.** The Bank Guarantee issued by bank must be routed through SFMS platform as per following details: a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602. b. 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.
23.0	Bidder to sign and submit completely filled up Technical & Commercial check list.
24.0	**Payment terms: Refer to "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).**
25.0	**Liquidated Damage: Refer to "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). In case of deduction of LD, LD amount will be deducted along with applicable rate of GST.**

26.0	The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty & concessional IGST during import will be applicable. In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export benefit, where import content is declared by the bidder for availing Advance Licence for intermediate Supply. However, Indian bidders will not be issued Recommendatory Letter. Details of Deemed Export benefit are furnished vide Addendum to "General Terms & Conditions" Booklet No. MM/GLOBAL/E-01/2005. The bidders are requested to check the latest position on the subject on their own and OIL shall not accept any liability, whatsoever, on this account. Indigenous Supplier shall furnish the invoice to OIL before the despatch for obtaining Essentiality Certificate from DGH towards concessional rate of GST against invoice valuing 10 lakh and above. Supplier shall arrange to provide all necessary documents to apply for the essentiality certificate on receipt of request from OIL, if any. Further, supplier shall affect dispatch only on receipt of relevant certificates from OIL, failing which all related liabilities shall be to Supplier's account.
27.0	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. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. A new Clause on applicability of Purchase Preference (linked with local content) policy in the tender is furnished as Annexure-VIII of the tender document. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable.
28.0	**Clauses related to GST** 1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings: (a) GST - means any tax imposed on the supply of goods and/or services under GST Law. (b) Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017. (c) GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017and all related ancillary Rules and Notifications issued in this regard from time to time. 2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd. 3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the

	Purchase Order/ Contracts will be binding on the bidder. 4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL. 5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders. 6. **When Input tax credit is available for Set Off** Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL.OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders **When Input tax credit is NOT available for Set Off** Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders 7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract. 8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.
29.0	**Along with the technical bid, bidders must submit duly filled undertaking as per format provided vide Annexure-X as undertaking towards submission of authentic information/documents.**

BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)

In addition to BRC/BEC criteria vide SECTION – 'D' of General Terms and Conditions for Global Tender (MM/ GLOBAL/E-01/2005) including amendments thereof, the following clause will be applicable against this tender.

(I) BID REJECTION CRITERIA (BRC): The bids shall conform to the specifications, terms and conditions given in the tender. Bids shall be rejected in case the item(s) offered do not conform to technical specifications and to the respective international / national standards wherever stipulated.

Notwithstanding the general conformity of the bids to the stipulated specifications, and terms & conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected. All the documents related to BRC must be submitted along with the technical bid.

A.1 TECHNICAL: Bidder must meet the following criteria failing which the bid shall be rejected :

1.0 **Qualification Criteria** :

i) The bidder shall be an Original Equipment Manufacturer of the tendered item(s), or shall be an authorised agent / dealer / distributor/supply house of an Original Equipment Manufacturer of the tendered item(s) having valid authorization letter/dealership certificate with warranty/guarantee back up from the principal (OEM). Copy of authorization letter/ dealership certificate with warranty/guarantee back up from the principal (OEM) shall be submitted along with the technical bid.

ii) The Original Equipment Manufacturer of the tendered item(s) shall be holding relevant API certificate(s) with continuous validity for 5 years preceding original bid closing date of the tender, and copy of relevant API certificate(s) shall be submitted along with the technical bid.

2.0 **Experience Criteria**

i) In case the bidder is an Original Equipment Manufacturer of the tendered item(s),

(a) The bidder shall have experience of successful execution of past supply for minimum 50% quantity (to be rounded off to next higher integer) of each tender item of same or higher size & rating (class, WP, PSL, PR etc) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company,

either by themselves or through their agent/dealer/distributor/ stockiest/supply house.

ii) In case the bidder is an authorized agent /dealer /distributor /supply house,

(a) The OEM (principal) shall fulfill the experience criteria mentioned in clause 2(i)(a) mentioned above.

(b) Additionally, the bidder himself shall have experience of successful execution of past supply for minimum 50% quantity (to be rounded off to next higher integer) of each tendered item of same or higher size & rating (class, WP, PSL, PR etc.) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, provided either from the same OEM (principal) or from any other OEM.

iii) The bidder shall submit documents in support of their previous supply experience and of the principal (OEM), as applicable under clause Nos. 2(i)(a), 2(ii)(a) & 2(ii)(b) mentioned above as follows:

(a) Copy(ies) of Purchase Order(s)/Contract document(s), **and**

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

- Completion report/performance certificate from the clients,
- Bill of lading,
- Delivery challan/Invoice etc.
- Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s)/contract(s) cited above.

iv) Note: 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.

3.0 Bidder should categorically confirm in the technical bid a delivery schedule within **Eight (08) months**, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within **Eight (08) months** after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.

A.2 FINANCIAL CRITERIA:

1.0 **Annual Turnover**: The bidder shall have an annual financial turnover of minimum **US$ 45,793.00 or Rs. 33.50 Lakhs** during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.

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 **(i.e. FY 2017-18).**

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 that 'the balance sheet/Financial Statements for the financial year **2017-2018** has actually not been audited so far'.

Note:

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 **ANNEXURE IV.**

OR

ii) Audited Balance Sheet along with Profit & Loss account. In case of Foreign bidders, self-attested/digitally signed printed published accounts are also acceptable

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$.

A.3 COMMERCIAL

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

1.0 Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **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, which shall be kept blank. The "Price Bid" must contain the price schedule and the bidder's commercial terms and conditions.

Bidder not complying with above submission procedure will be rejected.

2.0 The prices offered shall have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

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

4.0 Bids containing incorrect statement 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 will be straightway rejected.

6.0 **Bid Security in ORIGINAL** shall be furnished by the Bidder as a part of their Bid. The amount of Bid Security & its validity shall be specified in the covering letter of this bid document. **Any bid not accompanied by a proper bid security in ORIGINAL shall be rejected without any further consideration.** A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

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

For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender; seeking clarification/confirmation as to whether their registered item is eligible for EMD exemption or not. Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.

7.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of 18 months from the date of shipment/dispatch or twelve (12) months from the date of receipt of the items at destination, whichever is earlier against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.

8.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten (10%) of total evaluated value of Order, which should remain valid throughout the period execution, including extension, if any. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above

9.0 Offers should be submitted along with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

10.0 All the tendered items shall be evaluated individually; hence bidders are requested to quote accordingly**.**

11.0 Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below:

(i) <u>Price Bid Format (SUMMARY) for Foreign Bidders:</u>

(A) Basic Material Value including TPI Charges (Item Wise):
(B) Packing & FOB charges (Item Wise):
(C) FOB Value, A+B:
(D) Ocean Freight Charges upto Kolkata, India (item wise):
(E) Banking & Insurance, @1.5% of C :
(F) CIF Value, C+D+E :
(G) IGST @ 5% on F:
(H) Compensatory Cess, if any:
(I) CIF+IGST Landed Value, F+G+H :
(J) Total Value in words :
(K) Gross Weight:
(L) Gross Volume:

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

(A) Basic Material Value including TPI Charges (item wise):
(B) Packing & Forwarding charges (item wise) :
(C) Total Ex-Works Value, A+B:
(D) Applicable rate of GST on C:
(E) Compensatory Cess, if any:
(F) Total FOR Despatching Station Value, C+D+E:
(G) Inland Freight Charges upto Duliajan, Assam including GST (item wise) :
(H) Transit Insurance Charges, @ 0.5% on F including GST :
(I) Total FOR Duliajan Value, F+G+H:
(J) Total Value in words :
(K) Gross Weight:
(L) Gross Volume:
(M) Import Content, if any:

<u>Note:</u> Please indicate HSN Code of the quoted material. Cost of the individual items must be shown separately.

12.0 Bidder 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

13.0 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) Original Bid Security not received within the stipulated date & time mentioned in the Tender.

c) 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.

B) BID EVALUATION CRITERIA

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

B.1 <u>BID EVALUATION CRITERIA</u>:

The bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria shall be considered for further evaluation as per General Terms and Conditions for Global Tender and the Bid Evaluation Criteria given below:

1.0 The evaluation of bids shall be done as per the Price Bid Format (SUMMARY) provided in the Tender and detailed below

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

3.0 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

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

<u>Note:</u> 1) Domestic Bidders must quote inland freight charges upto Duliajan. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

2) For enquiries with duty exemption benefit – The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and hence, applicable customs duty for import of goods shall be zero. However, IGST @5% shall be applicable. Indigenous bidder shall be eligible for concessional rate of GST @5% against Essentiality Certificate for invoice valuing 10 lakh and above.

4.1 When only foreign bidders are involved:

The Total Value of Foreign bidder as worked out as per para **A.3 11.0 (i) I** shall be compared

NOTE: *Banking charge in the country of the foreign bidder shall be borne by the bidder. Banking charge 1% for payment through Letter of Credit. And 1.5 % if confirmed LC at buyer's account is required.

4.2 When only domestic bidders are involved or when more than one domesticbidders are in contention in case of mixed response:

The Total Value of Domestic bidder as worked out as per para **A.3 11.0 (ii) I** shall be compared

4.3 When both foreign and domestic bidders are involved:

The Total Value of domestic bidder as worked out as per para **A.3 11.0 (ii) I (excluding G & H) i.e** Total Value of domestic bidder excluding inland transportation charges with GST and Insurance charges with GST above; vis-à-vis Total Value of the foreign bidder worked out as per Para **A.3 11.0 (i) I** above will be compared.

Note: If the Government of India revises these evaluation criteria the same as applicable on the bid closing date will be adopted for evaluation of the offers.

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

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CHECK LIST

THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE SELECT "Yes" OR "No" TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

A.COMMERCIAL

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Supply House	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
3.0	**Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format Sent separately? If YES, provide details**	Yes / No
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
3.1	**For availing benefits under Public Procurement Policy (Purchase preference & EMD exemption), the interested MSE Bidders must ensure that they are the manufacturer/ service provider of tendered item(s) and registered with the appropriate authority for the said item(s). Whether (MSE Vendors) furnished a copy of complete certificate to the concerned tender handling officer of OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender. (Please refer Clause No. Para 6.1 of Commercial BRC).**	Yes / No
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer **validity of 120 days from** the bid closing date of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of NIT Payment Terms	Yes / No
5.0	**Whether confirmed to submit PBG as asked for in NIT?**	**Yes / No**
5.1	**Whether agreed to submit PBG within 30 days of placement of order?**	**Yes / No**
6.0	Whether Price submitted as per Price Schedule of the tender?	Yes / No
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No
8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No

9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	Yes / No
9.3	Whether Indian Agent applicable ?	Yes / No
	If YES, whether following details of Indian Agent provided?	
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	(c) Whether agency commission included in quoted material value?	
10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
10.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
10.3	For Indian Bidders only - Whether indicated import content in the offer?	Yes / No
10.4	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No
11.0	Whether all BRC/BEC clauses accepted ?	Yes / No
12.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
12.1	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No
12.2	Whether all Financial documents as per BRC Financial have been uploaded?	Yes / No

Signature _____

Name _____

Designation _____

ANNEXURE – IV

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

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

TO WHOM IT MAY CONCERN

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

YEAR	TURN OVER In INR (Rs.) Crores/ US $ Million) *	NET WORTH In INR (Rs.) Crores / US $ Million) *

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

Place:
Date:

Seal

Membership No:
Registration Code:

Signature

***Applicable only for GLOBAL tenders**

ANNEXURE – V

TECHNICAL EVALUATION SHEET : BRC / BEC TECHNICAL

Clause No	Tender requirement	Bidder's Response (i.e. Complied / Not complied / Not applicable)	Bidder's Remark, if any	Name & ref no of relevant document submitted	Corresponding Page no in the relevant document submitted
	BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC) In addition to BRC/BEC criteria vide SECTION – 'D' of General Terms and Conditions for Global Tender (MM/ GLOBAL/E-01/2005) including amendments thereof, the following clause will be applicable against this tender.				
(I)	The bids shall conform to the specifications, terms and conditions given in the tender. Bids shall be rejected in case the item(s) offered do not conform to technical specifications and to the respective international / national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications, and terms & conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected. All the documents related to BRC must be submitted along with the technical bid.				
A)	**TECHNICAL: Bidder must meet the following criteria failing which the bid shall be rejected.**				
1.0	Qualification Criteria				
1.0(i)	The bidder shall be an Original Equipment Manufacturer of the tendered item(s), or shall be an authorised agent / dealer / distributor/supply house of an Original Equipment Manufacturer of the tendered item(s) having valid authorization letter/dealership certificate with warranty/guarantee back up from the principal (OEM). Copy of authorization letter/ dealership certificate with warranty/guarantee back up from the principal (OEM) shall be				

	submitted along with the technical bid.				
1.0(ii)	The Original Equipment Manufacturer of the tendered item(s) shall be holding relevant API certificate(s) with continuous validity for 5 years preceding original bid closing date of the tender, and copy of relevant API certificate(s) shall be submitted along with the technical bid.				
2.0	Experience Criteria				
2.0(i)	In case the bidder is an Original Equipment Manufacturer of the tendered item(s),				
2.0 (i) (a)	The bidder shall have experience of successful execution of past supply for minimum 50% quantity (to be rounded off to next higher integer) of each tender item of same or higher size & rating (class, WP, PSL, PR etc) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, either by themselves or through their agent/dealer/distributor/stockiest/supply house.				
2.0(ii)	In case the bidder is an authorized agent /dealer /distributor /supply house,				
2.0 (ii) (a)	The OEM (principal) shall fulfill the experience criteria mentioned in clause 2(i)(a) mentioned above.				
2.0 (ii) (b)	Additionally, the bidder himself shall have experience of successful execution of past supply for minimum 50% quantity (to be rounded off to next higher integer) of each tendered item of same or higher size & rating (class, WP, PSL, PR etc) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, provided either from the same OEM (principal) or from any other OEM.				
2.0 (iii)	The bidder shall submit documents in support of their previous supply experience and of the principal (OEM), as applicable under clause 2(i)(a), 2(ii)(a) & 2 (ii)(b) mentioned above, as follows : (a) Copy(ies) of Purchase Order(s) / Contract document(s), **and** (b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) - - Completion report / performance certificate from the clients,				

	- Bill of lading, - Delivery challan / Invoice etc. - Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s) / contract(s) cited above.				
2.0 (iv)	Note: 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.				
3.0	**Bidder should categorically confirm in the technical bid a delivery schedule within Eight (08) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within Eight (08) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.**				

ANNEXURE – VI

TECHNICAL EVALUATION SHEET

I) TECHNICAL EVALUATION SHEET : TECHNICAL SPECIFICATION

Sl. No.	Tender requirement	QTY. & UOM	Bidder's Response (i.e. Complied / Not complied / Not applicable)	Name & ref no of relevant document submitted	Corresponding Page no in the relevant document submitted	Bidder's Remark, if any
10	"GATE VALVE, CAST CARBON STEEL, 50.8 MM (2"), ANSI 150 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5 , FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn,	45 Numbers				

	face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H.""					

20	"GATE VALVE, CAST CARBON STEEL, 50.8 MM (2"), ANSI 300 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5, FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge.	50 Numbers				

	D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."					
30	"GATE VALVE, CAST CARBON STEEL, 101.6 MM (4"), ANSI 150 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5, FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN	50 Numbers				

	BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire					

	supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."					
40	"GATE VALVE, CAST CARBON STEEL, 101.6 MM (4"), ANSI 300 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5, FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of	60 Numbers				

	ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment.					

	G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."					
50	"GATE VALVE, CAST CARBON STEEL, 152.4 MM (6"), ANSI 150 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET, OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5 FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable	30 Numbers				

	flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105. Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."					
60	"GATE VALVE, CAST CARBON STEEL, 152.4 MM (6"), ANSI 300 CLASS, MANUFACTURED AS PER API STANDARD 600, REGULAR BORE TYPE, RISING STEM, BOLTED BONNET,	35 Numbers				

	OUTSIDE YOKE, INTEGRALLY CAST FLEXIBLE WEDGE GATE, END FLANGE HAVING SERRATED RAISED FACE DRILLED IN ACCORDANCE WITH ANSI B 16.5 FACE TO FACE DIMENSION AS PER ANSI B 16.10 & TESTED AS PER API STANDARD 598, COMPLETE WITH COMPANION FLANGE IN BOTH SIDES AND REQUISITE NOS. OF STUDS & NUTS. DETAILED TECHNICAL SPECIFICATIONS ARE AS UNDER: A) Body & Bonnet : Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. B) Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr. F6A having Double Start Threading and surface hardened preferably with nitriding. Stem will be Mirror Finish Quality. Thread of the stem will be left handed. Stem will be forged as per API 600 design (latest edition) to ensure better valve performance & durability. C) Wedge: Sand cast steel gate. HF type flexible wedge (tapered) desgn, face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face will be ground and lapped to suitable flatness. Tee slot of the stem wedge connection will be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge. D) Back seat bush: Back seat bush will be 13% Cr. SS. E) Body & Seat Ring : Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105.					

	Hardness difference between wedge and seat will be minimum 50 BHN. Seat will be harder than wedge. F) Gland Packing : Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing will be suitable to opearate at high temparature service and in oil & gas environment. G) Gland Bolts : Swing type eye bolt and nuts. H) Hand Wheel : Direct hand wheel operated valve of sproke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB. I) Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H."					

TECHNICAL EVALUATION SHEET : DETAILED SPECIFICATION AND SPECIAL TERMS & CONDITION

II) DETAILED SPECIFICATION

Sl no	Tender requirement	Bidder's Response (i.e. Complied / Not complied / Not applicable)	Bidder's Remark, if any	Name & ref no of relevant document submitted	Corresponding Page no in the relevant document submitted
A)	Body & Bonnet: Cast Carbon steel ASTM A 216 Gr. WCB, body and bonnet of Radiographic quality casting. Two nos. of valves randomly selected from each line item will be radiographed as per ASME 16.34.				

B)	Stem: Renewable type back seat bush and rising type stem made of ASTM-276T 410/AISI 410/ASTM A 182 Gr.F6A having Double Start Threading and surface hardened preferably with nitriding. Stem should be Mirror Finish Quality. Thread of the stem should be left handed. Stem should be forged as per API 600 design (latest edition) to ensure better valve performance & durability.				
C)	Wedge: Sand cast steel gate. HF type flexible wedge (tapered) design; face made up with 13% Cr. SS. Base material of the wedge is ASTM A 216 Gr. WCB. Wedge face should be ground and lapped to suitable flatness. Tee slot of the stem wedge connection should be along the perpendicular direction to the flow of the fluid and shall be within the periphery of the wedge.				
D)	Back seat bush: Back seat bush should be 13% Cr. SS.				
E)	Body & Seat Ring: Seat Rings will be stellited and seat welded to the body. The base material of the seat ring will be ASTM A 105.Hardness difference between wedge and seat should be minimum 50 BHN. Seat should be harder than wedge.				
F)	Gland Packing: Graphite with Braided End Rings having inconel wire supports with sacrificial corrosion inhibitor pre-stressed individually. All valves shall have back seating arrangement for replacing gland packing during operation/ pressurized condition of the valve. The gland packing should be suitable to operate at high temperature service and in oil & gas environment.				
G)	Gland Bolts: Swing type eye bolt and nuts.				
H)	Hand Wheel: Direct hand wheel operated valve of spoke and rim design with arrow mark pointing in the direction of opening the valve made of ASTM A 216 Gr.WCB.				
I)	Stud, Bolts and Nuts: High tension stud, bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H.				

III) SPECIAL TERMS & CONDITION

Sl no	Tender requirement	Bidder's Response (i.e. Complied / Not complied / Not applicable)	Bidder's Remark, if any	Name & ref no of relevant document submitted	Corresponding Page no in the relevant document submitted
1.	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 18 months from the date of dispatch or 12 months from the date of receipt at destination, whichever is earlier, 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 not-withstanding inspection, payment for and acceptance of the goods.				
2.	The following documents/ brochures shall be submitted along with technical bid: i. Detailed cross sectional drawing with dimensions, part numbers and material specifications. ii. Technical catalogue for the quoted valves. iii. Point wise compliance of Tender requirements. Any deviations from this specification, if any, must be highlighted in the offer. iv. Point wise compliance of Tender requirements. Any deviations from this specification, if any, must be highlighted in the offer.				

3.	All valves shall be suitable to operate in oil & gas environment.				
4.	Valve shall be suitable for both buried and above ground installations.				
5.	Operating devices shall be designed for easy operations of valve under maximum differential pressure corresponding to the valve rating.				
6.	Valve body Plug & Cover etc components shall be procured from EIL/ Lloyds approved foundries. Necessary supporting documents shall be provided in support of the above.				
7.	Valve body, bonnet, cover etc. shall be made from radiographic quality casting as per API 600 Standard.				
8.	Radiographic test shall be done in all Valve body, Plug & Cover etc (as per ASME 16.34) and radiographic films shall be provided for all valves along with material supply.				
9.	All materials of components of the valves should conform to & tested as per API 600 Standard. Test certificates of chemical & mechanical properties of raw materials used shall be provided along with material supply				
10.	All valves should be inspected & tested as per API spec. 598, and the following pressure tests for each valve must be carried out in line with API spec. 598: i) Shell pressure test. ii) Back Seat pressure test. iii) Low pressure closure test. iv) High pressure closure test.				
11.	Hydraulic and air test etc. shall be carried out for each valve as per API 598 Standard. Only kerosene or water with suitable inhibitor to prevent corrosion shall be used for hydraulic testing. After testing, valves shall be properly dried and inside & internal parts of each valve shall be properly greased. The test certificates shall be provided along with material supply.				

12.	The valves shall bear API monogram & and the following permanent marks- (i) Manufacturer's Name (ii) Valve size (iii) Pressure Rating (iv) Serial No. (v) OIL's Purchase Order no.				
13.	**Third Party Inspection:** All valves shall be inspected by any one of OIL's approved Third party inspection agencies. viz. M/s Lloyds or M/s Bureau VERITAS or M/s IRS or M/s Rites or M/s Tuboscope Vecto or M/s DNV..				
14.	The Scope of Third Party Inspection shall be as below and TPI certificates shall be submitted by the supplier along with material supply. i) To carry out stage wise inspection as per QAP, from procurement of raw materials to assembly to ensure that proper technique and procedure as per relevant API Standard/ Purchase order are followed by the manufacturer. The TPI inspection documents, inspection of which has already been done, shall be shown at the time of inspection by OIL official at manufacturer plant. ii) To ensure that different components of the valve conform to relevant API Standards fully. iii) To review heat number wise foundry certificates of castings in order to ensure that the materials used are as per purchase order. iv) To ensure that valve body castings are procured from such foundries as approved by M/s EIL or M/s Lloyds.				

	v) To review and certify the radiographs of all the valves to ensure that casting of body & bonnet of valve are of radiographic quality. Radiography of Two (02) nos. of valves, randomly selected against each PO line item quantity, shall be witnessed by Inspection Agency and it shall be documented properly. vi) To witness hydraulic, pneumatic test for the body and seat on each specified valve as applicable in the relevant standard. Only kerosene or water with suitable inhibitor to prevent corrosion shall be used for hydraulic testing. vii) To ensure that the valves inspected are fully embossed as per clause no.11 above. viii) To document and review / issue all inspection certificates.				
15.	All valves will be manufactured strictly as per QAP only.				
16.	Seats, wedge, threads, flange surfaces shall be thoroughly cleaned, dried and greased properly after inspection / hydraulic testing to prevent corrosion. Both ends of each valve should also be provided with protective rubber / plastic caps, securely attached to the valves.				
17.	Valve body & handle/ operating wheel shall be thoroughly cleaned & painted with suitable anti-corrosive paint.				
18.	Valve shall be suitably protected to avoid any damage during transit or storage.				
19.	The Bidder to submit attached Technical Evaluation Sheet along with technical bid as below Annexure V: Technical Evaluation Sheet for BRC/BEC Annexure-VI: Technical Evaluation Sheet for detailed specification and special terms & condition				

20.	Considering the nature of the item, if the product offered by the lowest acceptable bidder is not field proven in OIL, purchaser at its discretion may place a trial order to the extent of 25 % (maximum) only and balance quantity will be procured from other competitive bidders whose product has been field proven in OIL. (Refer clause no 3.6 under section D- BRC&BEC of General Terms & Condition MM/GLOBAL/E-01/2005)				

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