



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

Telephone No. (91-374) 2808724

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Email: [materials@oilindia.in](mailto:materials@oilindia.in); [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in)

**Tender No. & Date: SDG 1476P17/07 dated: 14.06.2016**

Tender Fee : INR 6,000.00 OR USD 100.00  
Bid Security Amount : INR 71,000.00 OR USD 1,040.00

Bidding Type : **SINGLE STAGE COMPOSITE BID SYSTEM**

Period of Sale of  
Bid Documents : **From 11.07.2016 to 24.08.2016; 15:30 Hrs. (IST)**

Bid Closing on : **31.08.2016 (at 11.00 Hrs. IST)**

Bid Opening on : **31.08.2016 (at 14.00 Hrs. IST)**

Bid Validity : Bid should be valid for 90 days from bid closing date.

Bid Bond Validity : Bid Bond Should be valid up to **31.03.2017**

Performance Guarantee : **Applicable @ 10% of Order value**

Integrity Pact : **Not Applicable**

**OIL INDIA LIMITED invites Global Tenders for items detailed below:**

Item No.	MATERIAL DESCRIPTION	QTY.	UOM
<u>10</u>	<p>VALVE, GATE 3'' (76.2mm) NB, 600 CLASS Hand wheel operated API 6D, through conduit, Rising Stem Gate Valve complete with necessary companion flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.</p> <p>Size : 76.2 mm NB (3") Rating : ANSI 600 class</p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS : Gate valve, full opening through conduit design as per figure no. 1 &amp; 2 illustrated in API 6D specification, 22nd Edition (or Latest edition) complete with companion flanges and necessary ring joint gaskets and stud bolts &amp; nuts etc. (as per specification), suitable to pass pigs, scrapers &amp; spheres, for oil field (sweet) services, double disc / slab, parallel sliding gate, back seating arrangement to enable replacing the stuffing box under pressure, rising stem type with hand wheel on vertical axis. Both ends flanged as per ANSI B-16.5 with RTJ gasket. Valves shall be provided with pressure relief fittings and thrust bearing in the yoke for reducing torque. Face to face</p>	10	Nos.

	<p>dimension as per ANSI B-16.10 valve testing as per API specifications 6D. The valves to be supplied with necessary companion flanges, RTJ gasket, Stud &amp; Nuts etc.</p> <p>Material of Construction :</p> <p>a) Body &amp; Bonnet : Cast carbon Steel (ASTM A-216, Gr. WCB). The casting must be of radiographic quality.</p> <p>b) Gate &amp; segment : AISI 410 S/S Nitrohardened, with HF-7 Molybdenum Disulfide coating).</p> <p>c) Stem : AISI 410 S/S with HF-7 (Molybdenum Disulfide coating) ASTM A182 Gr.6 Fa</p> <p>d) Seats : AISI 410 S/S, Nitrohardened / ASTM A 182 Gr. F 6a with PTFE insert</p> <p>e) Back Seat Bush : AISI 410 S/S.</p> <p>f) Handwheel : Cast Carbon Steel (ASTM A-216 Gr. WCB)</p> <p>g) Gland packing : Chevron Rings with injectable Teflon Filament.</p> <p>h) Gland Nut : AISI 410.</p> <p>i) Yoke : NI-Resist</p> <p>j) Bonnet Stud : ASTM A 193 Gr. B7.</p> <p>k) Bonnet Nut : ASTM A 194 Gr. 2H.</p> <p>l) Spring : Inconel - X750.</p>		
<u>20</u>	<p>Hand wheel operated API 6D, through conduit, Rising Stem Gate Valve complete with necessary companion flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.</p> <p>Size : 101.6mm NB (4")</p> <p>Rating : ANSI 600 class</p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS :</p> <p>Gate valve, full opening through conduit design as per figure no. 1 &amp; 2 illustrated in API 6D specification, 22nd Edition (or Latest edition) complete with companion flanges and necessary ring joint gaskets and stud bolts &amp; nuts etc. (as per specification), suitable to pass pigs, scrapers &amp; spheres, for oil field (sweet) services, double disc / slab, parallel sliding gate, back seating arrangement to enable replacing the stuffing box under pressure, rising stem type with hand wheel on vertical axis. Both ends flanged as per ANSI B-16.5 with RTJ gasket.</p> <p>Valves shall be provided with pressure relief fittings and thrust bearing in the yoke for reducing torque. Face to face dimension as per ANSI B-16.10 valve testing as per API specifications 6D. The valves to be supplied with necessary companion flanges, RTJ gasket, Stud &amp; Nuts etc.</p> <p>Material of Construction :</p> <p>a) Body &amp; Bonnet : Cast carbon Steel (ASTM A-216, Gr. WCB). The casting must be of radiographic quality.</p> <p>b) Gate &amp; segment : AISI 410 S/S Nitrohardened, with HF-7 Molybdenum Disulfide coating).</p> <p>c) Stem : AISI 410 S/S with HF-7 (Molybdenum Disulfide coating) ASTM A182 Gr.6 Fa</p> <p>d) Seats : AISI 410 S/S, Nitrohardened / ASTM A 182 Gr. F 6a with PTFE insert</p> <p>e) Back Seat Bush : AISI 410 S/S.</p> <p>f) Handwheel : Cast Carbon Steel (ASTM A-216 Gr. WCB)</p> <p>g) Gland packing : Chevron Rings with injectable Teflon Filament.</p> <p>h) Gland Nut : AISI 410.</p> <p>i) Yoke : NI-Resist</p> <p>j) Bonnet Stud : ASTM A 193 Gr. B7.</p> <p>k) Bonnet Nut : ASTM A 194 Gr. 2H.</p> <p>l) Spring : Inconel - X750.</p>	15	Nos.

**(A) General Notes for e-tender :**

1. 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 Amendment and Addendum.
2. The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions. The details of items tendered can be found in the Item Data and details uploaded under Technical RFX.
3. Bid must be submitted electronically only through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.
4. 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 scribed with tender no. and due date to The **Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.
  - a) Original Bid Security.
  - b) Details Catalogue and any other document which have been specified to be submitted in original.All documents submitted in physical form should be signed on all pages by the authorized signatory of the bidder and to be submitted in triplicate.
5. 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.
6. Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.
7. All the Bids must be Digitally Signed using “Class 3” digital certificate (*e-commerce application*) with organisation name 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.
8. Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

**(B) SPECIAL NOTES :**

1. The items shall be brand new, unused & of prime quality. Bidder 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 12 months from date of receipt at site or 18 months from the date of shipment/dispatch. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense on FOR Destination basis. Bidders must confirm the same while quoting.
2. The minimum FOB/FCA charges in case of partial order for reduced quantity/ items shall have to be indicated by the bidder. In case this is not indicated specifically, the charges quoted would be prorata calculated and the same will be binding on the bidder.
3. Validity of the offers should be 90 days from the date of bid opening. Bids with lesser validity shall be straightway rejected.
4. The items covered by this tender 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 during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to MM/GLOBAL/01/2005 enclosed. However no Recommendary letters will be issued to Indian Bidders.
5. Commercial Check-List vide **Annexure-B** shall be filled-up and submitted along with the offer.
6. 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 the company, failing which the offer will be summarily rejected.
7. 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.

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**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) 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) 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 authorized 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, against purchase order / contract awarded 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, against purchase order / contract awarded 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.

3.0 **Delivery date should be 6 months from the date of issue of LOI /Letter of Credit** .The bidder should categorically confirm in their technical bid that the tendered items will be supplied within the delivery period, if mentioned in the tender, without which the bid will be rejected.

4.0 **Financial Criteria:**

- 4.1 **Annual Turnover** : The bidder shall have an annual financial turnover of minimum **US\$ 25,969.00** or **Rs 17,75,000.00** (being 50% of tender value) during any of the preceding 03 (three) financial years reckoned from the original bid closing date of the tender.
- 4.2 "Net Worth" of the bidder should be positive for the preceding financial/accounting year.
- 4.3 Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the preceding 03 (three) financial/accounting years should be submitted along with the Technical Bid.
- 4.4 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

**(B) COMMERCIAL:**

1. 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. Bids are invited under **Single Stage Composite Bid System**. Bidders shall quote accordingly under Single Stage Composite 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 **Bid security of US \$ 1,040.00 or Rs. 71,000.00** shall be furnished as a part of the TECHNICAL BID (refer Clause Nos.9.0 & 12.0 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)).**Any bid not accompanied by a proper bid security in ORIGINAL will 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.
- 2.1 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).
- 2.2 The Bank Guarantee towards Bid Security shall be valid up to **31.03.2017**.
3. Validity of the bid shall be minimum 90 days from the date of Bid Closing Date. Bids with lesser validity will be straightway rejected.
4. 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 site, 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.

5. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for 12 (twelve) months from the date of receipt/acceptance of goods or 18 months from the date of shipment/dispatch. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
6. Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary ), given below :

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

- (A) Total Material Value :
- (B) Packing & FOB Charges :
- (C) Total FOB Port of Shipment value, ( A + B ) above :
- (D) Overseas Freight Charges up to Kolkata, India :
- (E) Insurance Charges :
- (F) Total CIF Kolkata value, ( C + D + E ) :
- (G) Total CIF Kolkata Value in words :
- (H) Gross Weight :
- (I) Gross Volume :

**ii) Price Bid Format (SUMMARY) for Indigenous Bidders:**

- (A) Total Material Value
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value, ( A + B ) above
- (D) Excise Duty with Education Cess, (Please indicate applicable rate of Duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Dispatching station price, ( C + D + E ) above
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges
- (I) Assam Entry Tax
- (J) Total FOR Duliajan value, ( F + G + H + I ) above
- (K) Total FOR Duliajan value in words :
- (L) Gross Weight :
- (M) Gross Volume :

**NOTE:**

1. Cost Of Individual Items must be quoted separately
2. 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 .Indigenous bidders must quote Deemed Export prices. Excise Duty under Deemed Export exempted. However Recommendation letters will not be issued to Indian Bidders.
3. Banking charges in the country of the foreign bidder shall be borne by the bidder



- 7) The prices offered will 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.
- 8) Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.
- 9) Bids containing incorrect statement will be rejected.
- 10) 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

**(II) BID EVALUATION CRITERIA (BEC) :**

Bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria mentioned in Section D of "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005.

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**COMMERCIAL CHECK-LIST**

Sl. No.	PARAMETERS/REQUIREMENTS	BIDDER RESPONSE	REMARKS IF ANY
1.	Whether Original Signed quotation submitted?	YES/NO	
2.	Whether quoted as manufacturer?	YES/NO	
3.	Whether quoted as authorized dealer? [To Specify]	YES/NO	
4.	If quoted as authorized dealer,		
5.	(a)Whether submitted valid and proper authorization letter from manufacturer IN ORIGINAL confirming that bidder is their authorized dealer for the product offered?	YES/NO	
6.	(b)Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	YES/NO	
7.	Whether ORIGINAL Bid Bond (not copy of Bid Bond) enclosed with the offer? If YES, provide details	YES/NO	
	(a) Amount :		
	(b) Name of issuing Bank :		
	(c) Validity of Bid Bond :		
8.	Whether offered firm prices?	YES/NO	
9.	Whether quoted offer validity of 90 days from the date of closing of tender?	YES/NO	
10.	Whether quoted a firm delivery period?	YES/NO	
11.	Whether quoted as per NIT (without any deviations)?	YES/NO	
12.	Whether any deviation is there in the offer?	YES/NO	
13.	Whether deviation separately highlighted?	YES/NO	
14.	Whether agreed to the NIT Warranty clause?	YES/NO	
15.	Whether Price Bid submitted as per Price Schedule?	YES/NO	
16.	Whether indicated the country of origin for the items quoted?	YES/NO	
17.	Whether all the items of tender quoted?	YES/NO	
18.	Whether technical literature/catalogue/drawings enclosed?	YES/NO	
19.	For Foreign Bidders - Whether offered FOB/FCA port of dispatch including sea/air worthy packing & forwarding?	YES/NO	
20.	For Foreign Bidders – Whether port of shipment indicated? [To specify]	YES/NO	
21.	For Foreign Bidders only - Whether indicated ocean freight up to C&F Kolkata port (Excluding marine insurance)?	YES/NO	
22.	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?	YES/NO	
23.	Whether weight & volume of items offered indicated?	YES/NO	
24.	Whether confirmed to submit PBG as asked for in NIT?	YES/NO	
25.	Whether agreed to submit PBG within 30 days of placement of order?	YES/NO	
26.	For Indian bidders – Whether place of dispatch indicated in the offer? [To specify]	YES/NO	
27.	For Indian bidders – Whether road transportation charges up to Duliajan quoted?	YES/NO	
28.	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	YES/NO	
29.	For Indian Bidders only - Whether offered Deemed Export prices?	YES/NO	
30.	Whether quoted prices are exclusive of Excise duty?	YES/NO	
31.	For Indian bidders only – whether import content indicated in the offer?	YES/NO	
32.	For Indian Bidders only - whether all Taxes have been indicated categorically?	YES/NO	
33.	Whether all BRC/BEC clauses accepted?	YES/NO	
34.	Whether Delivery Period quoted as per NIT?	YES/NO	



**TECHNICAL EVALUATION SHEET : TECHNICAL SPECIFICATION**

SI No	Material Code	Tender requirement	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	99076773	<p>Hand wheel operated API 6D, through conduit, Rising Stem Gate Valve complete with necessary companion flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.</p> <p><b>Size : 76.2 mm NB (3")</b>  <b>Rating : ANSI 600 class</b></p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS :  Gate valve, full opening through conduit design as per figure no. 1 &amp; 2 illustrated in API 6D specification, 22nd Edition (or Latest edition) complete with companion flanges and necessary ring joint gaskets and stud bolts &amp; nuts etc. (as per specification), suitable to pass pigs, scrapers &amp; spheres, for oil field (sweet) services, double disc / slab, parallel sliding gate, back seating arrangement to enable replacing the stuffing box under pressure, rising stem type with hand wheel on vertical axis. Both ends flanged as per ANSI B-16.5 with RTJ gasket.  Valves shall be provided with pressure relief fittings and thrust bearing in the yoke for reducing torque. Face to face dimension as per ANSI B-16.10 valve testing as per API specifications 6D. The valves to be supplied with necessary companion flanges, RTJ gasket, Stud &amp; Nuts etc.</p> <p>Material of Construction :  a) Body &amp; Bonnet : Cast carbon Steel (ASTM A-216, Gr. WCB). The casting must be of radiographic quality.  b) Gate &amp; segment : AISI 410 S/S Nitrohardened, with HF-7 Molybdenum Disulfide coating).  c) Stem : AISI 410 S/S with HF-7 (Molybdenum Disulfide</p>				

		coating) ASTM A182 Gr.6 Fa d) Seats : AISI 410 S/S, Nitrohardened / ASTM A 182 Gr. F 6a with PTFE insert e) Back Seat Bush : AISI 410 S/S. f) Handwheel : Cast Carbon Steel (ASTM A-216 Gr. WCB) g) Gland packing : Chevron Rings with injectable Teflon Filament. h) Gland Nut : AISI 410. i) Yoke : NI-Resist j) Bonnet Stud : ASTM A 193 Gr. B7. k) Bonnet Nut : ASTM A 194 Gr. 2H. l) Spring : Inconel - X750.				
20	9906619 2	<p>Hand wheel operated API 6D, through conduit, Rising Stem Gate Valve complete with necessary companion flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.</p> <p><b>Size : 101.6mm NB (4")</b>  <b>Rating : ANSI 600 class</b></p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS :          Gate valve, full opening through conduit design as per figure no. 1 &amp; 2 illustrated in API 6D specification, 22nd Edition (or Latest edition) complete with companion flanges and necessary ring joint gaskets and stud bolts &amp; nuts etc. (as per specification), suitable to pass pigs, scrapers &amp; spheres, for oil field (sweet) services, double disc / slab, parallel sliding gate, back seating arrangement to enable replacing the stuffing box under pressure, rising stem type with hand wheel on vertical axis. Both ends flanged as per ANSI B-16.5 with RTJ gasket.          Valves shall be provided with pressure relief fittings and thrust bearing in the yoke for reducing torque. Face to face dimension as per ANSI B-16.10 valve testing as per API specifications 6D. The valves to be supplied with necessary companion flanges, RTJ gasket, Stud &amp; Nuts etc.</p> <p>Material of Construction :          a) Body &amp; Bonnet : Cast carbon Steel (ASTM A-216, Gr. WCB). The casting must be of radiographic quality.          b) Gate &amp; segment : AISI 410 510 S/S Nitrohardened, with</p>				

HF-7

Molybdenum Disulfide coating).

c) Stem : AISI 410 S/S with HF-7 (Molybdenum Disulfide coating) ASTM A182 Gr.6 Fa

d) Seats : AISI 410 S/S, Nitrohardened / ASTM A 182 Gr. F 6a with PTFE insert

e) Back Seat Bush : AISI 410 S/S.

f) Handwheel : Cast Carbon Steel (ASTM A-216 Gr. WCB)

g) Gland packing : Chevron Rings with injectable Teflon Filament.

h) Gland Nut : AISI 410.

i) Yoke : NI-Resist

j) Bonnet Stud : ASTM A 193 Gr. B7.

k) Bonnet Nut : ASTM A 194 Gr. 2H.

l) Spring : Inconel - X750.

## TECHNICAL EVALUATION SHEET : 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 notwithstanding inspection, payment for and acceptance of the goods.				
2.	The following documents/ brochures shall be submitted along with technical bid: <ul style="list-style-type: none"> <li>i. Detailed cross sectional drawing with dimensions, part numbers and material specifications.</li> <li>ii. Technical catalogue for the quoted valves.</li> <li>iii. Manufacturer's QAP.</li> </ul>				
3.	Valves shall be suitable to operate at high temperature and in oil & gas environment.				
4.	Valve shall be suitable for either buried or above ground installations.				
5.	Operating devices shall be designed for easy operations of valve under maximum differential pressure corresponding to the valve rating. Manufacturer shall indicate the torque required to operate the valve at the risk of the handle wheel and also the number of turns of hand wheel required for operating the valve from full open to full close position.				
6.	Valve shall have locking devices to be locked either in full open or in full close position. Locking devices shall be permanently attached to the valve operator and shall not interfere with operation of the valve.				
7.	Valve design should be as per API 6D and shall conform to API 6FA Standard for fire safe design. Copy of valid API 6D certificates shall be submitted along with the technical bid.				
8.	Valve body & bonnet shall be manufactured in / procured from EIL/ Lloyds approved foundries. The foundry certificate shall be provided along with the material supply.				
9.	Valve body & bonnet shall be made from radiographic quality casting as				

	per API 6D Standard. The radiographic films shall be provided along with material supply.				
10.	All materials of components of the valves should conform to & tested as per API 6D Standard. Test certificates of chemical & mechanical properties of raw materials used shall be provided along with material supply.				
11.	The following pressure tests for each valve must be carried out in line with API 6D specification: i) Stem back seat test ii) Hydrostatic Shell test. iii) Hydrostatic seat test. iv) Testing of drain, vent & sealant injection line				
12.	Hydraulic and air test etc. shall be carried out for each valve as per API 6D Standard only with kerosene or water with suitable inhibitor to prevent corrosion. After hydraulic testing, valves shall be properly dried and inside & internal parts of each valve shall be properly greased. The hydraulic test certificates shall be provided along with material supply.				
13.	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.				
14.	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, M/s Tuboscope Vecto or M/s DNV. The TPI charges shall be quoted separately. In case, TPI charges are not quoted separately, it shall be considered to be included.				
15.	The Scope of Third Party Inspection will be as below and TPI certificates shall be submitted along with material supply.  i) To carry out stage wise inspection from procurement of raw materials to assembly to ensure that proper technique and procedure as per Purchase order and relevant API specification are followed by the manufacturer.  ii) To review necessary chemical & mechanical test to ensure to ensure that different components of the valve conform to purchase order & relevant API specification fully.  iii) To review heat number wise foundry certificates of castings in order to ensure that the materials used are as per purchase order.				



	<p>iv) To ensure that valve body castings are manufactured in / procured from foundries approved by M/s EIL or M/s Lloyds.</p> <p>v) To review and certify the radiographs all the valves to ensure that casting of body &amp; bonnet of valve are of radiographic quality. (Radiographic films are to be supplied to OIL along with the valves supply).</p> <p>vi) Radiography of 10%. of valves randomly selected against each item shall be witnessed &amp; reviewed by Inspection Agency and it shall be documented properly. (Radiographic films are to be supplied to OIL along with the valves supply).</p> <p>vii) To witness / carry out 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.</p> <p>viii) To ensure that the valves inspected are fully embossed as per purchase order.</p> <p>ix) To carry out visual &amp; dimensional inspection to ensure that the valves are manufactured as per approved drawing.</p> <p>x) To document, review &amp; issue all inspection certificates to be provided along with material supply.</p>				
16.	Both ends of each valve should also be provided with protective rubber / plastic caps, securely attached to the valves to prevent entry of foreign material during transportation and storage.				
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.	<p>The following documents shall be supplied along with the material supply</p> <ul style="list-style-type: none"> <li>i) Test certificate of the chemical &amp; mechanical properties of the materials used for manufacturing the valve including trim materials as per order specification and API standard.</li> <li>ii) Test certificate of hydraulic test complete with records of timing and pressure of each test.</li> <li>iii) Certificate conforming to radiographic quality casting of the valves along with the radiographic films.</li> <li>iv) All other test reports and certificates as required by purchase order and relevant API specification.</li> <li>v) Guarantee / Warranty certificate on the supplied product.</li> </ul>			
20.	<p>The Bidder to submit attached Technical Evaluation Sheet along with technical bid as below</p> <p>Annexure-I : Technical Evaluation Sheet for technical specification</p> <p>Annexure-II : Technical Evaluation Sheet for special terms &amp; condition</p> <p>Annexure III : Technical Evaluation Sheet for BRC/BEC</p>			
21.	<p>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&amp;BEC of General Terms &amp; Condition MM/GLOBAL/01/2005)</p>			

### 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
	<b>BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)</b> In addition to BRC/BEC criteria vide SECTION – 'D' of General Terms and Conditions for Global Tender (MM/ GLOBAL/E-01/2005), the following clause will be applicable against this tender.				
(I)	<p>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.</p> <p>Notwithstanding the general conformity of the bids to the stipulated specifications, and terms &amp; 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.</p>				
A)	<b>TECHNICAL: Bidder must meet the following criteria failing which the bid shall be rejected.</b>				
1.0	Qualification Criteria				
1.0 (i)	The bidder shall be an Original Equipment Manufacturer of the tender item(s), or shall be an authorized agent / dealer / distributor / supply house of an Original				

	Equipment Manufacturer of the tender item(s) having valid authorization letter / dealership certificate with warranty/ guarantee back up from the principal (OEM). Copy of valid authorization letter / dealership certificate with warranty/ guarantee back up on the supplied product from the Original Equipment Manufacturer (the principal) shall be submitted along with the technical bid.				
1.0 (ii)	The Original Equipment Manufacturer of the tender 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 tender 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, against purchase order / contract awarded 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				

	tender item of same or higher size & rating (class, WP, PSL, PR etc.) as specified in the tender, against purchase order / contract awarded 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)	<p>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) &amp; 2 (ii)(b), as follows :</p> <p>(a) Copy(ies) of Purchase Order(s) / Contract document(s), <b>and</b></p> <p>(b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -</p> <ul style="list-style-type: none"> <li>- Completion report / performance certificate from the clients,</li> <li>- Bill of lading,</li> <li>- Delivery challan / invoice etc.</li> <li>- any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s) / contract(s) cited above.</li> </ul>				
3.0	The bidders should categorically confirm in their technical bid that the tendered items will be supplied within delivery period, if mentioned in the tender, without which the bid will be rejected.				