

TENDER NO: SDG3698P15/07



Oil India Limited  
(A Govt. of India Enterprise)  
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Assam

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Tender No. : SDG3698P15/07

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : As mentioned in the Basic Data of the tender in OIL's e-portal.

Bid Opening on : As mentioned in the Basic Data of the tender in OIL's e-portal.

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No. / Mat. Code	MATERIAL DESCRIPTION	QTY.	UOM
<u>10</u>	<p>2" NB valve, 600 class, Hand wheel operated, through conduit, full bore, rising stem gate valve complete with necessary companion flange and RTJ gasket and stud , bolts and nuts as per API 6D</p> <p>Hand wheel operated API 6D, through conduit, API Monogrammed, fire safe to API 6FA, Pressure Balanced type, Rising Stem Gate Valve complete with necessary companion weld neck flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification. Size : 50 mm NB (2") Rating : ANSI 600 class</p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS : 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)or AISI 316 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 /AISI 316 with PTFE insert e) Back Seat Bush : AISI 410 S/S.</p>	6	No.

	<p>f) Handwheel : Cast Carbon Steel (ASTM A-216 Gr. WCB) with arrow mark pointing in the direction of opening the valve  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.  m) End Connection: ANSI B16.5, RTJ Flanged end.  n) Companion Flange: ANSI B16.5, RTJ weld neck flange with requisite nos. of ring gaskets and studs &amp; nuts  o) Fire Test = API 6FA</p>		
<p><u>20</u></p>	<p>3" NB valve, 600 class, Hand wheel operated, through conduit, full bore, rising stem gate valve complete with necessary companion flange and RTJ gasket and stud , bolts and nuts as per API 6D</p> <p>Hand wheel operated API 6D, through conduit, API Monogrammed, fire safe to API 6FA, Pressure Balanced type, Rising Stem Gate Valve complete with necessary companion weldneck flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.  Size : 75 mm NB (3")  Rating : ANSI 600 class</p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS :  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 HF-7 Molybdenum Disulfide coating)or AISI 316  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 /AISI 316 with PTFE insert  e) Back Seat Bush : AISI 410 S/S.  f) Handwheel : Cast Carbon Steel (ASTM A-216 Gr. WCB) with arrow mark pointing in the direction of opening the valve  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.  m) End Connection: ANSI B16.5, RTJ Flanged end.  n) Companion Flange: ANSI B16.5, RTJ weld neck flange with requisite nos. of ring gaskets and studs &amp; nuts  o) Fire Test = API 6FA</p>	<p>54</p>	<p>No.</p>

<p><u>30</u></p>	<p>4" NB valve, 600 class, Hand wheel operated, through conduit, full bore, rising stem gate valve complete with necessary companion flange and RTJ gasket and stud , bolts and nuts as per API 6D.</p> <p>Hand wheel operated API 6D, through conduit, API Monogrammed, fire safe to API 6FA, Pressure Balanced type, Rising Stem Gate Valve complete with necessary companion weldneck flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.                  Size : 101.6mm NB (4")                  Rating : ANSI 600 class</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.                  b) Gate &amp; segment : AISI 410 S/S Nitrohardened, with HF-7 Molybdenum Disulfide coating)or AISI 316                  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/AISI 316 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.                  m) End Connection: ANSI B16.5, RTJ Flanged end.                  n) Companion Flange: ANSI B16.5, RTJ weld neck flange with requisite nos. of ring gaskets and studs &amp; nuts                  o) Fire Test = API 6FA</p>	<p>34</p>	<p>No.</p>
<p><u>40</u></p>	<p>8" NB valve, 600 class,Hand wheel operated, through conduit, full bore,rising stem gate valve complete with necessary companion flange and RTJ gasket and stud , bolts and nuts as per API 6D</p> <p>Hand wheel operated API 6D, through conduit, API Monogrammed, fire safe to API 6FA, Pressure Balanced type, Rising Stem Gate Valve complete with necessary companion weldneck flanges and RTJ gasket and stud, bolts &amp; nuts etc. as per specification.                  Size : 200 mm NB (8")                  Rating : ANSI 600 class</p> <p>DETAILED SPECIFICATIONS AND REQUIREMENTS :</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>2</p>	<p>No.</p>

**TENDER NO: SDG3698P15/07**

	<p>b) Gate &amp; segment : AISI 410 510 S/S Nitrohardened, with HF-7 Molybdenum Disulfide coating)or AISI 316</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 /AISI 316 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) with arrow mark pointing in the direction of opening the valve</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> <p>m) End Connection: ANSI B16.5, RTJ Flanged end.</p> <p>n) Companion Flange: ANSI B16.5, RTJ weld neck flange with requisite nos. of ring gaskets and studs &amp; nuts</p> <p>o) Fire Test = API 6FA</p>		
50	<p>Ball valves for Natural Gas (Sweet) Service, Full Bore, Through Conduit Configuration, Cast Carbon Steel Flanged, valve design Manufacturing and testing as per API 6D standard (Latest Edition), With Companion weld neck Flanges as per ANSI B 16.5 and face to face dimensions as per ANSI B16.10 std. Materials conforming to ASTM A 105 with suitable High Tensile studs and nuts as per ASTM A 193 Gr. B-7 and ASTM A 194 Gr. 2H respectively.</p> <p>Two piece split body (double block),primary metal to metal seating, Internal trunnion mounted with wrench and gear mounted hand wheel operation as applicable, suitable for above &amp; underground installation with provision of pressure relief vent, emergency seat sealant system for valve, valve drain system and locking arrangement.</p> <p>size: 6" (150 mm) NB X 300 Class</p>	2	PC

**Special Notes:**

- 1.0 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.
- 2.0 Commercial Check list is furnished vide Annexure – III. Please ensure that the check list is properly filled up and uploaded along with Technical bid.
- 3.0 The item qualifies for Nil duty / Deemed Export benefits. For Deemed Export benefits please refer Addendum to the General terms and conditions for Global tender.
- 4.0 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 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.

**TENDER NO: SDG3698P15/07**

a) Original Bid Security.

b) Details Catalogue and any other document which have been specified to be submitted in original.

- 5.0 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" is to be submitted as per Scope of Work & Technical Specification of the tender and "PRICED BID" as per the **Online Priced Bid format**.
- 6.0 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"
- 7.0 PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALY ACCEPTABLE.
- 8.0 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.
- 9.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in the rejection of its offer without seeking any clarifications.
- 10.0 **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 XII 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. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. 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.

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

- (I) **SHRI N. GOPALASWAMI, I.A.S ( Retd) ,**  
Former Chief Election Commissioner of India  
E-mail Id : gopaldaswamin@gmail.com
- (II) **SHRI RAMESH CHANDRA AGARWAL , IPS( Retd)**  
Former Director General of Police  
E-mail Id : rcagarwal@rediffmail.com

**General Notes for Bidders.**

(Bidders should confirm each & every point clearly. Deviations, if any, should be highlighted in the quotation.)

- 1.0 Bids are invited under Single Stage Two Bid System. Bidders shall quote accordingly under Single Stage Two Bid System. Any offer not complying with the above will be rejected straightway.
- 2.0 Bid Rejection Criteria (BRC) and Bid Evaluation Criteria (BEC) vide **Annexure - II** shall be applicable to this Tender.
- 3.0 Technical & Commercial Check-list vide **Annexure – III** should be filled-up and submitted along with the offer.
- 4.0 The quotation must be submitted online and accompany detailed specifications of the offered product, forwarding relevant catalogue with drawings & literature with their quotation.
- 5.0 The items shall be brand new, unused & of prime quality with serial number and date of manufacture. 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 twelve (12) months from the date of receipt and acceptance of materials at site or eighteen (18) months from the date of dispatch, whichever is earlier.
- 6.0 Bidder is to mention the name of manufacturer, country of origin and port of shipment.
- 7.0 Delivery is out most important against this tender. Accordingly the bidders shall quote their best delivery schedule
- 8.0 Materials supplied must be accompanied by following test certificate for the raw material used, hydraulic and air tests etc. Air test as per API 6D is must.
  - a) All valve should be manufactured, inspected & tested as per API spec. 6D.
  - b) The following pressure tests for each valve must be carried out in line with API spec. 6D:
    - i) Pressure test.
    - ii) Hydrostatic Shell Test.
    - iii) Hydrostatic Seat Test.
    - iv) Stem Backseat test.Both seats and both sides of wedge / ball should be cleaned, dried and greased properly after inspection / hydraulic testing to prevent corrosion.
- 9.0 Bidder must enclose valid API authorization certificate along with the bidding documents.
- 10.0 Third party Inspection :

The valves shall be inspected, tested & certified by any of the OIL approved Third Party Inspection (TPI) Agency viz M/s Lloyds/ M/s Bureau Veritas/ RITES/ M/s DNV or M/s IRS only. The scope of third Party inspection will be as under:-

  - a) To review that heat number wise foundry certificates of castings in order to ensure that the materials used are as per purchase order.
  - b) To ensure that valve body castings are procured from foundries which have been approved by M/s. EIL or M/s. Lloyds only.
  - c) To ensure that proper technique and procedure as per relevant API standard & purchase order are followed by the manufacturer.

**TENDER NO: SDG3698P15/07**

- d) To review necessary mechanical and chemical test to ensure that different components of the valves conform to ordered & API specifications fully.
- e) To ensure that the valves inspected are fully embossed with the name of manufacturer, heat number, rating & size.
- f) To carry out or witness hydraulic, pneumatic test for the body and seat on each specified valves as applicable in the relevant standard.
- g) To examine the Visual & dimensional details as per approved drawing.
- h) To ensure casting of body & cover of valve is of radiographic quality. Radiography of 10% of the valves (randomly selected) against item nos.20 & 30 and one valve (randomly selected) of item nos.10, 40 & 50 shall be witnessed by Inspection Agency and it shall be documented properly. Moreover, TPIA shall review radiographic films of all valves which were radiographed in presence of TPIA to ensure quality of casting and necessary documents (Radiographic films of the tested valves) in this regard, shall be submitted along with the materials.
- i) Third party will carry out necessary inspection after casting/machining but before assembly so that dimensions of different components conform to approved drawing/ relevant standard.
- j) To document and issue all inspection reports along with the supply.

Note: OIL may depute its representative at the vendors works during manufacturing / testing stage. Bidder to ensure that OIL representative shall get fair opportunity to witness the manufacturing of critical component and testing of the valve(s). Party to inform OIL at least 15 days ahead of such inspection

11.0 Painting, Marking & Shipment :

- a) The valve shall be provided with suitable anticorrosive paint and bidder must furnish the detail specification of the paint.
- b) Besides API monogram, each valve body shall bear following permanent marks through die casting or die stamping:-
  - i) Manufacturer's Name
  - ii) Valve size
  - iii) Pressure rating
  - iv) Serial No.
  - v) Identification mark "OIL"
- c) Both ends of all the Valves shall be suitably protected with plastic or rubber caps to avoid any damage during transit or storage.
- d) Packaging and shipping instructions shall be as per API 6D. Packages shall be marked legibly with suitable marking ink for the following:-
  - i) OIL's Purchase Order Number
  - ii) Manufacturer's Name
  - iii) Valve size & rating

12.0 The bidder shall submit the followings documents along with the materials :

- i) Test certificate of the chemical and mechanical properties of materials used for the valve construction including trim materials as per the specifications.
- ii) Test certificates of hydraulic test complete with records of timing and pressure of each test.
- iii) Certificate conforming to radiographic quality castings of the valves along with the films.
- iv) All other test reports and certificates as required by API 6D and this specification.
- v) Gurantee / warranty certificate for the valves.

13.0 The valves shall have the following features :

- a) Valve design shall ensure repair / replace of gland packing under full line pressure.

**TENDER NO: SDG3698P15/07**

- b) 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.
- c) Valve design should be as per API Spec 6D and API Spec 6FA. Copy of valid API certificates to be submitted along with the offer.
- d) Valve shall be suitable for either buried or above ground installations.
- e) Operating device 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 handwheel required for operating the valve from full open to full close position.
- f) Valve Body & Bonnet shall be of radiographic quality and Foundry test certificate (OIL's approved Third Party Inspection Agency by EIL or Lloyds only) in this regard should be provided.
- g) All valves of similar type, size and pressure rating against the same Purchase order shall have same castings pattern & bonnet design.
- h) Heights of all the valves of similar type, size and pressure rating from the same Purchase order shall be same in order to maintain uniformity.
- i) Companion flanges, stud nuts and bolts and RTJ gasket (for 600 class) against each valve shall have to be supplied along with the valves.
- j) Hydraulic testing shall be carried out preferably with kerosene. If water is used, it will be mixed with suitable inhibitor to prevent corrosion. After hydraulic testing, valves should be properly dried. Inside & internal parts of each valve should be properly greased.
- k) Detailed sectional / assembly drawing of the valves shall be submitted along with offer for bid evaluation. On placement of order, the drawings shall be duly approved by OIL prior to taking up fabrication job of the valves.
- l) Both ends of the valves shall be capped with plastic or rubber caps to avoid inside damage.

14.0 Guarantee / Warranty:

- i) Bidder shall guarantee that valves will be manufactured as per API 6D and requirements covered by this standard.
- ii) The valves shall be guaranteed for satisfactory operation for a period of 18 months from the date of shipment or 12 months from the date of commissioning whichever is earlier.
- iii) QAP shall be prepared by bidder as per relevant standard / specification and approved by OIL and inspected by Third Party Inspection Agency (TPIA) before undertaking manufacturing.
- iv) The bidder must clearly mention any deviation /modification from our specification in their offer. This point is to be noted carefully and bidder to summarize the deviation/modification in a separate column in their offer document with a heading "deviation /modification" otherwise they should write " DEVIATION FROM ENQUIRY"

15.0 Documentation :

14.1 While Bidding: At the time of bidding, the offer must be accompanied with the following documents: (3 copies)

- a) Detailed Engineering Drawings with dimensions, materials specification and technical literature etc. for technical scrutiny
  - b) Assembly drawing with over-all dimensions.
  - c) Point wise compliance on NIT requirements. Any deviations from this specification, if any, must be highlighted in the offer.
  - d) Technical catalogue for the quoted valves in original.
- After Purchase Order:

14.2 After Purchase Order:

**TENDER NO: SDG3698P15/07**

- a) After Purchase Order is placed on the bidder they are required to submit detailed engineering drawings with dimensions of the valves corresponding to relevant standard for our approval. Fabrication / manufacture shall be carried out only after getting the drawings approved from us.
  - b) Prior to Shipment, manufacturer shall submit all the test certificates as listed in these specifications along with other documents, if any.
- 15.0 Bidders must submit duly filled Annexure-II of "Technical Compliance Check-list" (attached) along with the offer without which the bidding documents will not be evaluated.
- 16.0 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 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/E-01/2005 attached.
- 17.0 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.

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

**(I) BIR REJECTION CRITERIA**

The bid must confirm to the specifications, notes, terms and conditions stipulated in the bidding document. Bid will be rejected in case items offered will not confirm to the stipulated specifications. Notwithstanding the general conformity of the bid to the stipulated specifications and terms & conditions, the following requirements shall have to meet by the bidder, without which the offer will be considered as non-responsive and rejected. All the documents related to BRC must be submitted along with the bid.

**(A). TECHNICAL**

**1.0 Bidder's Qualification**

1.1 For Gate Valves: The bidder shall be an Original Equipment Manufacturer (OEM) having experience in manufacturing of API 6D full bore gate valves (through conduit) of size(s) & pressure rating indicated in the tender or more.

1.2 For Ball Valves: The bidder shall be an Original Equipment Manufacturer (OEM) having experience in manufacturing of API 6D Ball Valves (through conduit) of size & pressure rating indicated in the tender or more.

OR

1.2 The bidder shall be an authorized dealer of OEM.

**2.0 Bidder's Experience**

In case, the bidder is an Original Equipment Manufacturer (OEM)

2.1.1(a) For Gate Valves: The bidder shall be a Manufacturer of API 6D full bore gate valve (through conduit) of size(s) & pressure rating indicated in the tender or more and shall be in the business of manufacturing the API 6D Gate Valves for the last 5 (five) years as on Bid Closing Date of this tender. Documentary evidence in the form of valid API 6D certificate for the last 5 years as Bid Closing Date of this tender shall be submitted along with the bid without which the offer will be rejected.

(b) For Ball Valves: The bidder shall be a Manufacturer of API 6D Ball Valves (through conduit) of size & pressure rating indicated in the tender or more and shall be in the business of manufacturing the API 6D Ball Valves for the last 5 (five) years as on Bid Closing Date of this tender. Documentary evidence in the form of valid API 6D certificate for the last 5 years as Bid Closing Date of this tender shall be submitted along with the bid without which the offer will be rejected.

2.1.2 (a) For Gate Valves: The bidder shall have the credential of successful execution of at least 3 (three) orders not less than 50 % of the tender quantity of API 6D Gate Valves in quantum against each order during the currency of last 5 (five) years preceding from the bid closing date of this tender to any Oil and Gas Industry

**TENDER NO: SDG3698P15/07**

(b) For Ball Valves: The bidder shall have the credential of successful execution of at least 3 (three) orders not less than 50 % of the tender quantity of API 6D Ball Valves in quantum against each order during the currency of last 5 (five) years preceding from the bid closing date of this tender to any Oil and Gas Industry.

The bidder shall submit details of the previous supply of such valves with Client/Customer Name with Address, Order No/Contract No., Date of order, Technical Specifications & quantity supplied with date of completion etc. in absence of which the bid will be summarily rejected.

2.2 In case the Bidder is an authorized dealer of OEM,

The following criteria shall be met by the Bidder:

2.2.1 (a) For Gate Valve: The Bidder shall confirm supply of API 6D full bore Gate valves (through conduit) from API 6D full bore gate valve (through conduit) Manufacturer (OEM) who meets the qualification requirements stipulated under clauses 2.1.1(a) & 2.1.2(a) above. Copy of OEM's valid API certificate in this regard shall be submitted along with the bid.

(b) For Ball Valve: The Bidder shall confirm supply of API 6D full bore Ball valves(through conduit) from API 6D full bore Ball valve (through conduit) Manufacturer (OEM) who meets the qualification requirements stipulated under clauses 2.1.1(b) & 2.1.2(b) above. Copy of OEM's valid API certificate in this regard shall be submitted along with the bid.

2.2.2 Bidder shall enclose an Authorization Certificate with back up Warranty & Guarantee from the OEM to quote against this tender.

2.2.3 The bid shall be rejected in case of any change of the proposed OEM after submission of the bid.

2.2.4 (a) For Gate Valve: The bidder shall have the credential of successful execution of at least 1 (one) order not less than 50 % of the tendered quantity of API 6D Gate Valves in quantum of pressure rating indicated in the tender or more against each order during the currency of last 3 (three) years preceding from the bid closing date of this tender to any Oil and Gas Industry.

(b) For Ball Valve: The bidder shall have the credential of successful execution of at least 1 (one) order not less than 50 % of the tendered quantity of API 6D Ball Valves in quantum of pressure rating indicated in the tender or more against each order during the currency of last 3 (three) years preceding from the bid closing date of this tender to any Oil and Gas Industry.

The bidder shall submit details of the previous supply of such valves with Client/Customer Name with Address, Order No/Contract No., Date of order, Technical Specifications & quantity supplied with date of completion etc. in absence of which the bid will be summarily rejected.

2.3 However, the clauses 2.1.2(a), 2.1.2 (b) & 2.2.4 (a), 2.2.4(b) related to Bidder's experience criteria will be not applicable for bidders or their Principal who have successfully executed order of OIL for supply of API 6D Gate Valves & API 6D Ball Valves respectively not less than 50% of the tender quantity in quantum of pressure rating and size indicated in the tender during the last (3) three years from the bid closing date.

**TENDER NO: SDG3698P15/07**

**2.4 Supporting Documents**

- a) Possession of a supply order without complete execution or partially completed order will not be considered as previous experience of the bidder with respect to the Bidder's Experience criteria.
- b) In support of the experience as noted in para's 2.1.1, 2.1.2 and 2.2.4 above, the bidder shall submit the Copy of the Purchase Order
- c) In support of clause nos. 2.1.1, 2.2.1 and 2.2.2 certificate copies shall be enclosed.

**3.0 GENERAL:**

- 3.1 The Bidder shall confirm in their bid meeting all the points noted under technical qualification criteria as stated in the enquiry & enclosed check list and shall also submit all necessary supporting documents, technical details, literature etc. as indicated in the enquiry along with the bid failing which the offer shall be rejected.
- 3.2 Bidder's response to all NIT stipulations shall clearly be defined. Bidder shall furnish specific details/specifications of all major components, systems with Make & Model, etc. Generalized response like - 'As per NIT Specifications/Technical Leaflet', 'Noted', 'Accepted' or in any similar fashion is not acceptable.

**(B) 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) 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) **Bid security of US \$ 5900.00 or Rs. 2,65,530.00** 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.** 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). Bank Guarantee towards Bid Security shall remain valid till **15.07.2014**
- 3) Validity of the bid shall be minimum 180 days from the date of Bid Closing Date. Bids with lesser validity will be rejected.
- 4) Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and

**TENDER NO: SDG3698P15/07**

of the best quality and workmanship and shall be guaranteed for a period of twelve (12) months from the date of receipt and acceptance of materials at site or eighteen(18) months from the date of dispatch ,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 twelve (12) months from the date of receipt and acceptance of the materials at site or eighteen (18) months from the date of 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 upto Kolkata, India :
- (E) Insurance Charges :
- (F) Total CIF Kolkata value, ( C + D + E ) :
- (G) TPI Charges (if any) :
- (H) Grand Total Value,( F + G )
- (I) Grand Total Value in words :
- (J) Gross Weight :
- (K) 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) Sales Tax, (Please indicate applicable rate of Tax)
- (E) Total FOR Despatching station price, ( C + D ) above
- (F) Road Transportation charges to Duliajan
- (G) Insurance Charges
- (H) Assam Entry Tax
- (I) Total FOR Duliajan value, ( E + F + G + H ) above
- (J) TPI Charges (if any) :
- (K) Total value, (I+J) above :
- (L) Total Value in words :
- (M) Gross Weight :
- (N) Gross Volume :

**NOTE:**

1. 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.
  2. Banking charges in the country of the foreign bidder shall be borne by the bidder
- 7) Offers received without Integrity Pact duly signed by the authorized signatory of the bidder will be rejected.**
- 8) 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.
  - 9) 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.
  - 10) Bids containing incorrect statement will be rejected.

**(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 given below:

- 1) The evaluation of bids will be done as per the Priced Schedule (summary) detailed vide para (6) of BRC (Commercial).
- 2) If there is any discrepancy between the unit price and 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) 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) To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.

**4.1) When only foreign bidders are involved:**

**Comparison of bids will be done on the basis of "Grand Total Value" which is estimated as under:**

- (A) Total Material Value :
- (B) Packing & FOB Charges :
- (C) Total FOB Port of Shipment value, ( A + B ) above :
- (D) Overseas Freight Charges upto Kolkata, India :

**TENDER NO: SDG3698P15/07**

- (E) Insurance Charges @1% of Total FOB Port of Shipment value vide (C) above
- (F) Banking Charges @ 0.5% of Total FOB Value ( C ) above in case of payment through Letter of Credit (If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value will be loaded)
- (G) Total CIF Kolkata value, ( C + D + E + F ) :
- (H) TPI Charges, if any :
- (I) Grand Total Value including above (G+H) :

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

**Comparison of bids will be done on the basis of "Grand Total Value" which is estimated as under :**

- (A) Total Material Value :
- (B) Packing and Forwarding Charges:
- (C) Total Ex-works value, ( A + B ) above :
- (D) Sales Tax, (Please indicate applicable rate of Tax)
- (E) Total FOR Despatching station price, ( C + D ) above
- (F) Road Transportation charges to Duliajan
- (G) Insurance Charges
- (H) Assam Entry Tax
- (I) Total FOR Duliajan value, ( E + F + G + H ) above
- (J) TPI Charges, if any
- (K) Grand Total value, (I+J) above :

**NOTE: Excise Duty in case of the indigenous bidder is EXEMPTED**

**4.3) When both foreign and domestic bidders are involved:**

The Grand Total Value of domestic bidder (inclusive of customs duty on imported raw material and components etc, and applicable terminal excise duty on the finished products and Sales Tax) excluding inland transportation to destination and Insurance charges worked out as per Para 4.2 above and Grand Total Value of the foreign bidder worked out as per Para 4.1 above (with customs duty as applicable on the bid closing date) excluding inland transportation to destination will be compared. No price preference will be allowed to indigenous bidders except that for capital goods, the domestic manufacturers would be accorded a price preference to offset CST to the extent of 4 % or actuals, whichever is less subject to 30 % local content norms as stipulated for World Bank Funded project to the satisfaction of OIL. When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Grand Total Value basis.

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) 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.

**CHECKLIST**

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 TICK "YES" OR "NO" TO THE FOLLOWING QUESTIONS IN THE RIGHT HAND COLUMN.

**(A) TECHNICAL CHECKLIST**

Sl. No.	NIT Requirement	Compliance		Vendors' Deviation / Remarks
		Yes	No	
1.0	All valves should be manufactured, inspected & tested as per API spec. 6D.			
1.1	Valve Body & Bonnet shall be of radiographic quality and Foundry test certificate in this regard should be provided.			
1.2	The following pressure tests for each valve must be carried out in line with API spec. 6D:			
	i) Pressure test.			
	ii) Hydrostatic Shell Test.			
	iii) Hydrostatic Seat Test.			
	iv) Stem Backseat test: Both seats and both sides of wedge should be cleaned, dried and greased properly after inspection / hydraulic testing to prevent corrosion. Both ends of each valve should also be provided with protective rubber caps			
1.3	The manufacture shall submit the following along with the supply			
	i) Test certificates of the chemical and mechanical properties of materials used for the valve construction including trim materials as per the specifications.			
	ii) Test certificates of hydraulic test complete with records of timing and pressure of each test.			
	iii) Certificate conforming to radiographic quality castings of the			

	valves along with the films.			
	iii) All other test report and certificates as required by API 6D and NIT specification.			
	v) Guarantee / warranty certificate for the valves.			
	<b>API 6D GATE VALVE:</b>			
	Full Bore 2", 3", 4" and 8" ANSI 600 class, Gate valves, API Monogrammed, Rising stem, Bolted Bonnet, Outside & yoke, fire safe to API 6FA, Pressure Balanced type, hyper seal, Handle wheel manually operated with necessary companion weld neck flanges and RTJ gaskets and stud, bolts & nuts etc. as per specification.			
	A) Body & Bonnet: Cast carbon Steel (ASTM A-216, Gr. WCB). The casting must be of radiographic quality.			
	B) Gate & segment : AISI 410 S/S Nitrohardened, with HF-7 Molybdenum Disulfide coating)or AISI 316			
	C) Stem : AISI 410 S/S with HF-7 (Molybdenum Disulfide coating) ASTM A182 Gr.6 Fa			
1.4	D) Seats : AISI 410 S/S, Nitrohardened / ASTM A 182 Gr. F 6a /AISI 316 with PTFE insert			
	E) Back Seat Bush : AISI 410 S/S.			
	E) Gland Packing: Chevron Rings with injectable Teflon Filament.			
	F) Gland Bolts: AISI 410.			
	G) Hand Wheel: Cast Carbon Steel (ASTM A-216 Gr. WCB) with arrow mark pointing in the direction of opening the valve			
	H) End connection: ANSI B16.5, RTJ Flanged end, 600 class			
	I) Companion Flanges: ANSI B16.5, RTJ Flanged end for 600 class			
	J) Stud Bolts and Nuts: High tension stud bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H.			
	K) Fire Test: API 6FA			
	L) Inspection & Testing: API 6D			

1.6	<b>API 6D BALL VALVE:</b>			
	Ball valves for Natural Gas (Sweet) Service, Full Bore, Through Conduit configuration, Cast Carbon Steel Flanged, valve design Manufacturing and testing as per API 6D standard (Latest Edition), With Companion weld neck Flanges as per ANSI B 16.5 and face to face dimensions as per ASNI B 16.10 std. Materials conforming to ASTM A 105 with suitable High Tensile studs and nuts as per ASTM A 193 Gr. B-7 and ASTM A 194 Gr. 2H respectively.  size: 6" (150 mm) NB X 300 Class			
	A) Design features:  Two piece, split body(double block)  Primary metal to metal seating  Internal Trunnion mounting for ball			
	B) Valve Operation: Wrench & Gear Mounted Hand wheel operation as applicable.			
	C) Valve design conditions:  Service temperature 20 deg C to 65 deg C  Installation: Above Ground & Underground			
	D) Pressure relief vent for valve: Required			
	E) Emergency seat Sealant injector system for valve : Required			
	F) Drain for valve : Required			
	G) Locking arrangement : Required			
	H) Painting (external) : Anti corrosive paint			
	I) End connection: ANSI B16.5, RF, Flanged end, 300 class			
	J) Companion Flanges: ANSI B16.5 Raised face (RF), 300 class.			
	K) Stud Bolts and Nuts: High tension stud bolts and nuts confirming to A-193 Gr. B7 and A-194 Gr.2H.			
L) Fire Test: API 6FA				

**TENDER NO: SDG3698P15/07**

	M) Inspection & Testing: API 6D			
2.0	Parties must enclose valid API authorization certificate along with the bidding documents.			
3.0	Hydraulic testing shall be carried out preferably with kerosene. If water is used, it will be mixed with suitable inhibitor to prevent corrosion. After hydraulic testing, valves should be properly dried. Inside & internal parts of each valve should be properly greased.			
4.0	Valve shall be suitable for either buried or above ground installations.			
5.0	Operating devices/parts shall be designed for easy operations of valve under maximum differential pressure corresponding to the valve rating.			
6.0	<b>Third Party Inspection:</b> All the valves shall be inspected /tested by OIL's approved Third Party Inspection Agency like M/s Lloyds/ M/s Bureau Veritas/ RITES/ M/s DNV or M/s IRS only. The scope of Third Party Inspection Agency shall be as under:			
6.1	i) To review that heat number wise foundry certificates of castings in order to ensure that the materials used are as per purchase order.			
	ii) To ensure that Valve Body / Bonnet castings are procured from foundries preferably approved by M/s EIL, M/s Lloyds only.			
	iii) To ensure that manufacturer follows the proper technique and procedure as per relevant API standard 6D/ quality control plan approved by OIL.			
	iv) To review certificate of mechanical and chemical tests to ensure that different components of the Valves conform to ordered / API6D specification fully.			
	v) To ensure that the valves inspected are fully embossed with the name of manufacturer, heat number, rating & size.			
	vi) To witness hydraulic and pneumatic test for the body and seat of each valve. For hydraulic test, either kerosene or water with suitable corrosion inhibitor should be specified by the third party			

	inspector (including quantity) at the time of inspection.			
	vii) Visual & dimensional examination as per approved drawing.			
	viii) To ensure that casting of body & cover of valve is of radiographic quality. Radiography of 10% of the valves (randomly selected) against item nos.20 & 30 and one valve (randomly selected) of item nos.10, 40 & 50 shall be witnessed by Inspection Agency and it shall be documented properly. Moreover, TPIA shall review radiographic films of all valves which were radiographed in presence of TPIA to ensure quality of casting and necessary documents (Radiographic films of the tested valves) in this regard, shall be submitted along with the materials.			
6.2	Third party will carry out necessary inspection after casting/machining but before assembly so that dimensions of different components conform to approved drawing/ relevant standard.			
6.3	To document and issue all inspection and test certificates as required under this specification and relevant standard.			
7.0	<b>PAINTING, MARKING &amp; SHIPMENT</b>			
7.1	The valves should be provided with suitable anti-corrosive paint.			
7.2	All valves shall be marked as per API 6D. The units of marking shall be metric except Nominal Diameter which shall be in inches. All valves must have die-casting API monogram.			
7.3	Besides API monogram, each valve body shall bear following permanent marks through die casting or die stamping:-  a) Manufacturer's Name  b) Valve size  c) Pressure rating  d) Serial No.  e) Identification mark "OIL"			
7.4	Both ends of all the Valves shall be suitably protected with plastic or rubber caps to avoid any damage during transit or storage.			

**TENDER NO: SDG3698P15/07**

7.5	<p>Packaging and shipping instructions shall be as per API 6D. Packages shall be marked legibly with suitable marking ink for the following:-</p> <p>a) OIL's Purchase Order Number</p> <p>b) Manufacturer's Name</p> <p>c) Valve size &amp; rating</p>			
8.0	<b>Guarantee:</b>			
8.1	Bidder shall guarantee that valves will be manufactured as per API 6D and requirements covered by this standard.			
8.2	The valves shall be guaranteed for satisfactory operation for a period of 18 months from the date of shipment or 12 months from the date of receipt whichever is earlier.			
8.3	QAP shall be prepared by bidder as per relevant standard / specification and approved by OIL and inspected by Third Party Inspection Agency (TPIA) before undertaking manufacturing.			
8.4	The bidder must clearly mention any deviation /modification from our specification in their offer. This point is to be noted carefully and bidder to summarize the deviation/modification in a separate column in their offer document with a heading "deviation /modification" otherwise they should write " DEVIATION FROM ENQUIRY"			
9.0	<b>Documentation :</b>			
9.1	<p><b>While Bidding:</b> At the time of bidding, the offer must be accompanied with the following documents : (3 Copies)</p> <p>a) Detailed Engineering Drawings with dimensions, materials specification and technical literature etc. for technical scrutiny</p> <p>b) Assembly drawing with over-all dimensions.</p> <p>c) Point wise compliance on NIT requirements. Any deviations from this specification, if any, must be highlighted in the offer.</p> <p>d) Technical catalogue for the quoted valves in original.</p>			
9.2	<b>After Purchase Order:</b>			

**TENDER NO: SDG3698P15/07**

	a) After Purchase Order is placed on the bidder they are required to submit detailed engineering drawings with dimensions of the valves corresponding to relevant standard for our approval. Fabrication / manufacture shall be carried out only after getting the drawings approved from us.			
	b) Prior to Shipment, manufacturer shall submit all the test certificates as listed in these specifications along with other documents, if any.			

**(B) COMMERCIAL CHECKLIST**

<b>SI No.</b>	<b>REQUIREMENT</b>	<b>COMPLIANCE</b>	<b>REMARKS(IF ANY)</b>
1.0	Whether bid submitted under Single Stage Two Bid System?		
2.0	Whether quoted as manufacturer?		
2.1	Whether quoted as Supply House/Distributor. To Specify		
2.2	If quoted as Supply House/ Distributor.		
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized 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) sent separately? If YES, provide details.		
	(a) Amount :		
	(b) Name of Issuing Bank :		
	(c) Validity of Bid Bond :		
	(d) Whether Bid Bond submitted as per Revised Format		
3.1	Whether offered firm prices?		
3.2	Whether quoted offer validity of Six months from the date of closing of Tenders?		
3.3	Whether quoted a firm delivery period?		
3.4	Whether agreed to the NIT Warranty Clause?		
3.5	Whether confirmed to submit PBG as asked for in NIT?		
3.51	Whether agreed to submit PBG within 30 days of placement of order?		
3.6	Whether Price submitted as per Price Schedule (refer Para vi of BRC vide Annexure -II )		
3.7	Whether quoted as per NIT (without any deviations)?		
3.71	Whether quoted any deviation?		
3.72	Whether deviation separately highlighted?		
3.8	Whether indicated the country of origin for the items quoted?		
3.81	Whether technical literature/catalogue enclosed?		
3.82	Whether weight & volume of items offered indicated?		
4.0	For Foreign Bidders – Whether offered FOB/FCA port of dispatch including sea / air worthy packing & forwarding?		
4.1	For Foreign Bidders – Whether port of Shipment indicated. To specify?		
4.2	Whether Indian Agent applicable?		
	If YES, whether following details of Indian Agent provided?		
	(a) Name & address of the agent in India – To indicate		

**TENDER NO: SDG3698P15/07**

	(b) Amount of agency commission – To indicate		
	(c) Whether agency commission included in quoted material value ?		
5.0	For Indian bidders – Whether indicated the place from where the goods will be dispatched. To Specify :		
5.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?		
5.2	For Indian Bidders Only – Whether offered Ex- Works price including packing/forwarding charges?		
5.3	For Indian Bidders only – Whether indicated import content in the offer ?		
5.4	For Indian Bidders Only – Whether offered Deemed Export prices ?		
5.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted ?		
6.0	Whether all BRC/BEC clauses accepted ?		