

**OIL INDIA LIMITED**  
 (A Govt. of India Enterprise)  
 P.O. Duliajan-786602, Assam.  
 Fax No. 91-374-2800533, E-mail:material@oilindia.in

**ANNEXURE-I**

**Tender No. : DFS4189L15/02**  
**Tender Date : 15.07.2014**

Item No./ Mat. Code	Material Description	Quantity	UOM
<p style="text-align: center;"><b>10</b> 29760010</p>	<p>Spares &amp; Accessories for Instruments  <b>NEEDLE VALVE</b></p> <p><b>1.0 SCOPE</b>            This specification covers the purchaser's requirements (as a minimum) for design, material of construction, marking, testing and supply of high pressure stainless steel valves.</p> <p><b>2.0 ITEM DESCRIPTION</b>  <b>NEEDLE VALVES</b>            Front End Connection Size: ½" NPT (F)            Back End Connection Size: ½" NPT (F)            Material of Construction:            Valve: Stainless Steel            Stem: Chrome Plated 316 SS as per ASTM A276/ ASME SA479            Stem Tip: Chrome Plated 316 SS as per ASTM A276/ ASME SA479            Handle: Stainless Steel</p> <p><b>3.0 DESIGN AND MANUFACTURE</b>  <b>3.1</b> The valve body should be made out of material conforming to ASTM A182/ ASME SA 182 Gr. SS316.  <b>3.2</b> Valves shall be rated for at least the operating pressure of 200 Kg/cm2 of Oil and Gas application.</p> <p><b>4.0 PRODUCT TYPE TEST REPORTS &amp; CERTIFICATES</b>            The Manufacturer shall provide Valid (valid for at least 1 year from Bid Closing Date) Product Type Test Reports for all the following tests mentioned below along with their offer. These Product Test Reports should be approved by leading approval agencies like TUV, DNV, ABS, LR, US Navy &amp; Wyle.  <b>4.1</b> Hydrostatic seat leak test at 1.1 times the rated pressure of the valve.  <b>4.2</b> Gas pressure test at 1000 psig. Maximum allowable seat leakage shall be 0.1 std- cc/ min.  <b>4.3</b> Manufacturer should provide valid ISO 9001: 2008 certificate.  <b>4.4</b> Certificates conforming to all ASTM/ASME standards as mentioned in the specification from one of the auditing agency TUV/BSI/DNV/BV or PED.</p> <p><b>5.0 MARKINGS, PACKING AND SHIPMENT</b>  <b>5.1</b> Heat code traceability number shall be stamped or etched on both body of each valve.  <b>5.2</b> All items shall be suitably wrapped and packaged to withstand rough handling during shipment and inland journey.  <b>5.3</b> Items shall be properly tagged and packaged separately to facilitate easy identification.  <b>5.4</b> Items shall be wrapped and packaged in such a way that they can be preserved in original as new condition.</p> <p><b>6.0 GUARANTEE</b>  <b>6.1</b> The manufacturer shall guarantee that the design, materials,</p>	100	NO

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	<p>manufacturing and testing of valves comply with the requirements of this specification and applicable codes and standards. Manufacturer shall replace all valves, which are defective or fail during field pressure testing or fail to perform satisfactorily due to inadequate engineering, sub standard material and workmanship.</p> <p>6.2 The manufacturer shall guarantee the valves against any defect, failure or malfunctioning occurring during 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.</p>		
<p><b>20</b> 29760011</p>	<p><b>TECHNICAL SPECIFICATION FOR ¼" SS NEEDLE VALVE</b></p> <p><b>1.0 SCOPE</b> This specification covers the purchaser's requirements (as a minimum) for design, material of construction, marking, testing and supply of high pressure stainless steel valves.</p> <p><b>2.0 ITEM DESCRIPTION</b> <b>NEEDLE VALVES</b> Front End Connection Size: ¼ " NPT (F) Back End Connection Size: ¼ " NPT (F) Material of Construction: Valve: Stainless Steel Stem: Chrome Plated 316 SS as per ASTM A276/ ASME SA479 Stem Tip: Chrome Plated 316 SS as per ASTM A276/ ASME SA479 Handle: Stainless Steel</p> <p><b>3.0 DESIGN AND MANUFACTURE</b> 3.1 The valve body should be made out of material conforming to ASTM A182/ ASME SA 182 Gr. SS316. 3.2 Valves shall be rated for at least the operating pressure of 200 Kg/cm2 of Oil and Gas application.</p> <p><b>4.0 PRODUCT TYPE TEST REPORTS &amp; CERTIFICATES</b> The Manufacturer shall provide Valid (valid for at least 1 year from Bid Closing Date) Product Type Test Reports for all the following tests mentioned below along with their offer. These Product Test Reports should be approved by leading approval agencies like TUV, DNV, ABS, LR, US Navy &amp; Wyle. 4.1 Hydrostatic seat leak test at 1.1 times the rated pressure of the valve. 4.2 Gas pressure test at 1000 psig. Maximum allowable seat leakage shall be 0.1 std- cc/ min. 4.3 Manufacturer should provide valid ISO 9001: 2008 certificate. 4.4 Certificates conforming to all ASTM/ASME standards as mentioned in the specification from one of the auditing agency TUV/BSI/DNV/BV or PED.</p> <p><b>5.0 MARKINGS, PACKING AND SHIPMENT</b> 5.1 Heat code traceability number shall be stamped or etched on both body of each valve. 5.2 All items shall be suitably wrapped and packaged to withstand rough handling during shipment and inland journey. 5.3 Items shall be properly tagged and packaged separately to facilitate easy identification. 5.4 Items shall be wrapped and packaged in such a way that they can be preserved in original as new condition.</p>	150	NO

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	<p><b>6.0 GUARANTEE</b></p> <p>6.1 The manufacturer shall guarantee that the design, materials, manufacturing and testing of valves comply with the requirements of this specification and applicable codes and standards. Manufacturer shall replace all valves, which are defective or fail during field pressure testing or fail to perform satisfactorily due to inadequate engineering, sub standard material and workmanship.</p> <p>6.2 The manufacturer shall guarantee the valves against any defect, failure or malfunctioning occurring during 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.</p>		
<p><b>30</b> 29760023</p>	<p><b>TECHNICAL SPECIFICATION FOR ¼" SS BALL VALVE</b></p> <p><b>1.0 SCOPE</b> This specification covers the purchaser's requirements (as a minimum) for design, material of construction, marking, testing and supply of high pressure stainless steel valves.</p> <p><b>2.0 ITEM DESCRIPTION</b> <b>BALL VALVES</b> Front End Connection Size: ¼", NPT (F) Back End Connection Size: ¼" NPT (F) Material of Construction: Valve : Stainless Steel Stem : Stainless Steel Ball : Stainless Steel Seat Spring: SS 316</p> <p><b>3.0 DESIGN AND MANUFACTURE</b> 3.1 The valve body, packing bolt should be made out of material conforming to ASTM A182/ ASME SA182. 3.2 Material of construction of ball should be conforming to ASTM A276 / ASME SA479. 3.2 Valves shall be rated for at least the operating pressure of 150 Kg/cm2 of Oil and Gas application.</p> <p><b>4.0 PRODUCT TYPE TEST REPORTS &amp; CERTIFICATES</b> The Manufacturer shall provide Valid (valid for at least 1 year from Bid Closing Date) Product Type Test Reports for all the following tests mentioned below along with their offer. These Product Test Reports should be approved by leading approval agencies like TUV, DNV, ABS, LR, US Navy &amp; Wyle. 4.1 Hydrostatic seat leak test at 1.1 times the rated pressure of the valve. 4.2 Gas pressure test at 1000 psig. Maximum allowable seat leakage shall be 0.1 std- cc/ min. 4.3 Manufacturer should provide valid ISO 9001: 2008 certificate. 4.4 Certificates conforming to all ASTM/ASME standards as mentioned in the specification from one of the auditing agency TUV/BSI/DNV/BV or PED.</p> <p><b>5.0 MARKINGS, PACKING AND SHIPMENT</b> 5.1 Heat code traceability number shall be stamped or etched on both body of</p>	100	NO

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	<p>each valve.</p> <p>5.2 All items shall be suitably wrapped and packaged to withstand rough handling during shipment and inland journey.</p> <p>5.3 Items shall be properly tagged and packaged separately to facilitate easy identification.</p> <p>5.4 Items shall be wrapped and packaged in such a way that they can be preserved in original as new condition.</p> <p>6.0 GUARANTEE</p> <p>6.1 The manufacturer shall guarantee that the design, materials, manufacturing and testing of valves comply with the requirements of this specification and applicable codes and standards. Manufacturer shall replace all valves, which are defective or fail during field pressure testing or fail to perform satisfactorily due to inadequate engineering, sub standard material and workmanship.</p> <p>6.2 The manufacturer shall guarantee the valves against any defect, failure or malfunctioning occurring during 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.</p>		
<p><b>40</b> 29760024</p>	<p><b>TECHNICAL SPECIFICATION FOR ½" SS BALL VALVE</b></p> <p>1.0 SCOPE This specification covers the purchaser's requirements (as a minimum) for design, material of construction, marking, testing and supply of high pressure stainless steel valves.</p> <p>2.0 ITEM DESCRIPTION <b>BALL VALVES</b> Front End Connection Size: ½", NPT (F) Back End Connection Size: ½" NPT (F) Material of Construction: Valve : Stainless Steel Stem : Stainless Steel Ball : Stainless Steel Seat Spring: SS 316</p> <p>3.0 DESIGN AND MANUFACTURE 3.1 The valve body, packing bolt should be made out of material conforming to ASTM A182/ ASME SA182. 3.2 Material of construction of ball should be conforming to ASTM A276 / ASME SA479. 3.2 Valves shall be rated for at least the operating pressure of 150 Kg/cm2 of Oil and Gas application.</p> <p>4.0 PRODUCT TYPE TEST REPORTS &amp; CERTIFICATES The Manufacturer shall provide Valid (valid for at least 1 year from Bid Closing Date) Product Type Test Reports for all the following tests mentioned below along with their offer. These Product Test Reports should be approved by leading approval agencies like TUV, DNV, ABS, LR, US Navy &amp; Wyle. 4.1 Hydrostatic seat leak test at 1.1 times the rated pressure of the valve. 4.2 Gas pressure test at 1000 psig. Maximum allowable seat leakage shall be 0.1 std- cc/ min.</p>	50	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	<p>4.3 Manufacturer should provide valid ISO 9001: 2008 certificate.</p> <p>4.4 Certificates conforming to all ASTM/ASME standards as mentioned in the specification from one of the auditing agency TUV/BSI/DNV/BV or PED.</p> <p>5.0 MARKINGS, PACKING AND SHIPMENT</p> <p>5.1 Heat code traceability number shall be stamped or etched on both body of each valve.</p> <p>5.2 All items shall be suitably wrapped and packaged to withstand rough handling during shipment and inland journey.</p> <p>5.3 Items shall be properly tagged and packaged separately to facilitate easy identification.</p> <p>5.4 Items shall be wrapped and packaged in such a way that they can be preserved in original as new condition.</p> <p>6.0 GUARANTEE</p> <p>6.1 The manufacturer shall guarantee that the design, materials, manufacturing and testing of valves comply with the requirements of this specification and applicable codes and standards. Manufacturer shall replace all valves, which are defective or fail during field pressure testing or fail to perform satisfactorily due to inadequate engineering, sub standard material and workmanship.</p> <p>6.2 The manufacturer shall guarantee the valves against any defect, failure or malfunctioning occurring during 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier.</p>		

**Special Notes** : 1.0 The items covered by this tender will attract Custom Duty on merit. Indian bidders are required to quote NON DEEMED EXPORT price.

**2.0 Bidders are required to quote with minimum validity of 120 days from the Bid Closing Date as per NIT requirement. BIDS with lesser validity shall be rejected.**

3.0 Bidders have to indicate the minimum FOB/FCA charges in case of partial order for reduced quantity/items. In case this is not indicated specifically, the charges quoted would be prorated calculated and the same will be binding on the bidder.

4.0 Bidders are required to mention the weight of each item individually. QUOTATION must be submitted in **TRIPLICATE** with original company catalogues as well as necessary certificates.

7.0 Please mention clearly in your quotation the Net. Weight, Gross Weight & Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.

8.0 Bidders who have successfully executed OIL's Purchase Order for the items in the tender are eligible to bid against this tender. However, the bidder must fulfill the criteria under clause 1.0 of "General Terms & Conditions" (Document No. MM/GLOBAL/01/2005).

**Tender No.** : DFS4189L15/02  
**Tender Date** : 15.07.2014  
**Bid Closing On** : 03.09.2014 at 13:00 hrs.(IST)  
**Bid Opening On** : 03.09.2014 at 13:00 hrs.(IST)

**Tender issued to following parties only:**

Slno	V_Code	Vendor Name	City/Country
1	100138	SONAL ENTERPRISES	NEW YORK 10956-5538
2	100684	AKV ENTERPRISES(CANADA)	ONTARIO
3	100732	PETRO MECH COMPANY INC	KATY
4	101134	PARKER HANNIFIN	OHIO
5	101191	SWAGELOK COMPANY	OHIO - 44139
6	101720	HY-LOK CORPORATION	BUSAN
7	201433	SIDDHARTHA ENGINEERING AND SALES	KOLKATA
8	203568	BOMBAY FLUID SYSTEM COMPONENTS PVT	MUMBAI
9	204935	LMG HYDRO PNEUMATICS	KOLKATA
10	208407	PANAM ENGINEERS	MUMBAI