OIL INDIA LIMITED
(A Govt. Of India Enterprise) Tel :033 2230 1657, 1658
4, India Exchange Place, Fax :91 33 2230 2596
Kolkata-700001 E-mail :oilcalmn@oilindia.in

Tender No. & Date : KID6927L16/05 16.04.2015

Bid Security Amount : INR 0.00 OR USD 0.00
(or equivalent Amount in any currency)

Bidding Type : Single Bid (Composite Bid)

Bid Closing On : 26.05.2015 at 14:00 hrs. (IST)
Bid Opening On : 26.05.2015 at 14:00 hrs. (IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Limited tenders for items detailed below:

Item No./ Mat. Code	Material Description	Quantity	UOM
10 99078604	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 50 mm (2 inch) CLASS :ANSI 2500 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	8	NO
20 99078605	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 65 mm (2.1/2 inch) CLASS :ANSI 2500 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	8	NO
30 99078606	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 100 mm (4 inch) CLASS :ANSI 2500 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	8	NO
40 99078607	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): Nominal Size : 50 MM (2 inch)	24	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	Class :ANSI 1500 Material: ASTM A105 Stud-Bolts: STM A193 GR B-7 NUTS: ASTM A194 GR.2H"		
50 99078608	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): Nominal Size : 100 MM (4 inch) Class :ANSI 1500 Material: ASTM A105 Stud-Bolts: STM A193 GR B-7 NUTS: ASTM A194 GR.2H"	24	NO
60 99078609	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): Nominal Size : 50 MM (2 inch) Class :ANSI 900 Material: ASTM A105 Stud-Bolts: STM A193 GR B-7 NUTS: ASTM A194 GR.2H"	36	NO
70 99078610	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): Nominal Size : 100 MM (4 inch) Class :ANSI 900 Material: ASTM A105 Stud-Bolts: STM A193 GR B-7 NUTS: ASTM A194 GR.2H"	24	NO
80 99078612	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, Welding Neck as per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 200 mm (8 inch) CLASS :ANSI 900 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	10	NO
90 99078613	"Blind Flange, Forged Carbon Steel, Ring Joint Groove, Welding Neck as per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 200 mm (8 inch) CLASS :ANSI 2500 Material: ASTM A105	8	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"		
100 99078614	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 50 mm (2 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	36	NO
110 99078616	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 100 mm (4 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	36	NO
120 99078617	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gaskets per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 150 mm (6 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	18	NO
130 99078618	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 200 mm (8 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	18	NO
140 99078619	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition):	18	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	NOMINAL SIZE : 250 mm (10 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"		
150 99078620	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 300 mm (12 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	24	NO
160 99078621	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 400 mm (16 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	12	NO
170 99078622	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 500 mm (20 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	8	NO
180 99078623	"Blind Flange, Forged Carbon Steel, RF with Serrated Concentric Facing, As per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud-Bolts & Nuts and Spiral-Wound Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 600 mm (24 inch) CLASS :ANSI 300 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	8	NO
190	"Flange, Forged Carbon Steel, Ring Joint Groove, Welding Neck as per ANSI	16	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
99078624	B16.5 Standard (Latest Edition) with necessary High Tensile Stud- Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 200 mm (8 inch) CLASS :ANSI 900 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"		
200 99078625	"Flange, Forged Carbon Steel, Ring Joint Groove, Welding Neck as per ANSI B16.5 Standard (Latest Edition) with necessary High Tensile Stud- Bolts & Nuts and Ring Gasket as per ANSI B 16.20 Standard (Latest Edition): NOMINAL SIZE : 200 mm (8 inch) CLASS :ANSI 2500 Material: ASTM A105 Stud-Bolts: ASTM A193 GR B-7 NUTS: ASTM A194 GR.2H"	8	NO
210 99078626	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 200 mm (8 inch) X 200 mm (8 inch) X 100 mm (4 inch) Center to End Distance at Run: 178 mm Center to End Distance at Outlet: 156 mm Tee should be suitable for welding to the pipes having following specification: a) 219.1 mm (8.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.04 mm (0.277 inch) at two (straight) ends. b) 114.3 mm (4.1/2 inch) OD, API 5L Grade-46, Bevel End pipe having Wall thickness of 7.14 mm (0.281 inch) at one (unequal) end."	16	NO
220 99078627	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 250 mm (10 inch) X 250 mm (10 inch) X 150 mm (6 inch) Center to End Distance at Run: 216 mm Center to End Distance at Outlet: 194 mm Tee should be suitable for welding to the pipes having following specification:	16	NO

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	a) 273.0 mm (10.3/4 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.80 mm (0.307 inch) at two (straight) ends. b) 168.3 mm (6.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.11 mm (0.280 inch) at one (unequal) end."		
230 99078628	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 300 mm (12 inch) X 300 mm (12 inch) X 250 mm (10 inch) Center to End Distance at Run: 254 mm Center to End Distance at Outlet: 241 mm Tee should be suitable for welding to the pipes having following specification: a) 323.8 mm (12.3/4 inch) OD, API 5L Grade-A, Bevel End pipe having Wall thickness of 8.40 mm (0.330 inch) at two (straight) ends. b) 273.0 mm (10.3/4 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.80 mm (0.307 inch) at one (unequal) end."	16	NO
240 99078630	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 300 mm (12 inch) X 300 mm (12 inch) X 200 mm (8 inch) Center to End Distance at Run: 254 mm Center to End Distance at Outlet: 229 mm Tee should be suitable for welding to the pipes having following specification: a) 323.8 mm (12.3/4 inch) OD, API 5L Grade-A, Bevel End pipe having Wall thickness of 8.40 mm (0.330 inch) at two (straight) ends. b) 219.1 mm (8.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.04 mm (0.277 inch) at one (unequal) end."	16	NO
250 99078631	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB	16	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 300 mm (12 inch) X 300 mm (12 inch) X 150 mm (6 inch) Center to End Distance at Run: 254 mm Center to End Distance at Outlet: 219 mm Tee should be suitable for welding to the pipes having following specification: a) 323.8 mm (12.3/4 inch) OD, API 5L Grade-A, Bevel End pipe having Wall thickness of 8.40 mm (0.330 inch) at two (straight) ends. b) 168.3 mm (6.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.11 mm (0.280 inch) at one (unequal) end."		
260 99078632	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 400 mm (16 inch) X 400 mm (16 inch) X 300 mm (12 inch) Center to End Distance at Run: 305 mm Center to End Distance at Outlet: 295 mm Tee should be suitable for welding to the pipes having following specification: a) 406.4 mm (16 inch) OD, API 5L Grade X-46, Bevel End pipe having Wall thickness of 7.92 mm (0.312 inch) at two (straight) ends. b) 323.8 mm (12.3/4 inch) OD, API 5L Grade-A, Bevel End pipe having Wall thickness of 8.40 mm (0.330 inch) at one (unequal) end."	16	NO
270 99078634	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 400 mm (16 inch) X 400 mm (16 inch) X 250 mm (10 inch) Center to End Distance at Run: 305 mm Center to End Distance at Outlet: 283 mm Tee should be suitable for welding to the pipes having following specification: a) 406.4 mm (16 inch) OD, API 5L Grade X-46, Bevel End pipe having Wall thickness of 7.92 mm (0.312 inch) at two (straight) ends.	16	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	b) 273.0 mm (10.3/4 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.80 mm (0.307 inch) at one (unequal) end."		
280 99078636	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 400 mm (16 inch) X 400 mm (16 inch) X 200 mm (8 inch) Center to End Distance at Run: 305 mm Center to End Distance at Outlet: 273 mm Tee should be suitable for welding to the pipes having following specification: a) 406.4 mm (16 inch) OD, API 5L Grade X-46, Bevel End pipe having Wall thickness of 7.92 mm (0.312 inch) at two (straight) ends. b) 219.1 mm (8.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.04 mm (0.277 inch) at one (unequal) end."	16	NO
290 99078637	"Reducing Outlet (Unequal) Tee, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 400 mm (16 inch) X 400 mm (16 inch) X 150 mm (6 inch) Center to End Distance at Run: 305 mm Center to End Distance at Outlet: 264 mm Tee should be suitable for welding to the pipes having following specification: a) 406.4 mm (16 inch) OD, API 5L Grade X-46, Bevel End pipe having Wall thickness of 7.92 mm (0.312 inch) at two (straight) ends. b) 168.3 mm (6.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.11 mm (0.280 inch) at one (unequal) end."	10	NO
300 99078639	"Concentric Reducer, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 200 mm (8 inch) x 100 mm (4 inch) End to End Distance: 152 mm	24	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	Reducer should be suitable for welding to the pipes having following specification: a) 219.1 mm (8.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.04 mm (0.277 inch) at one end. b) 114.3 mm (4.1/2 inch) OD, API 5L Grade-46, Bevel End pipe having Wall thickness of 7.14 mm (0.281 inch) at the other end."		
310 99078641	"Concentric Reducer, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 250 mm (10 inch) x 150 mm (6 inch) End to End Distance: 178 mm Reducer should be suitable for welding to the pipes having following specification: a) 273.0 mm (10.3/4 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.80 mm (0.307 inch) at one end. b) 168.3 mm (6.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.11 mm (0.280 inch) at the other end."	24	NO
320 99078642	"Concentric Reducer, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi) Nominal pipe size (NPS) = 300 mm (12 inch) x 200 mm (8 inch) End to End Distance: 203 mm Reducer should be suitable for welding to the pipes having following specification: a) 323.9 mm (12.3/4 inch) OD, API 5L Grade-A, Bevel End pipe having Wall thickness of 8.40 mm (0.330 inch) at one end. b) 219.1 mm (8.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.04 mm (0.277 inch) at the other end."	24	NO
330 99078643	"Concentric Reducer, Seamless, Butt-welding, manufactured as per ANSI B 16.9 std. (latest edition)and Butt welding ends confirming to ANSI B 16.25(latest edition): Material: ASTM A 234 WPB Working pressure: 70 kg/sq.cm (1000 psi)	24	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
	Nominal pipe size (NPS) = 300 mm (12 inch) x 150 mm (6 inch) End to End Distance: 203 mm Reducer should be suitable for welding to the pipes having following specification: a) 323.9 mm (12.3/4 inch) OD, API 5L Grade-A, Bevel End pipe having Wall thickness of 8.40 mm (0.330 inch) at one end. b) 168.3 mm (6.5/8 inch) OD, API 5L Grade-B, Bevel End pipe having Wall thickness of 7.11 mm (0.280 inch) at the other end."		

Special Notes : 1. Items must be brand new, unused and free from all defects and in ready to use condition.

2. All Flanges and Pipe Fittings must be thoroughly cleaned & painted with anti-corrosive paint or varnish to avoid corrosion.

3. a. Bidder to quote their best delivery period. Delivery period should not be more than 16 weeks after PO placement.

b. Bidder has to categorically confirm that in the evet of an order either for all the items or part items, supply will be made in single lot within the quoted delivery schedule which should not exceed 16 (sixteen) weeks.

c. In the event of default in delivery with reference to delivery schedule which hampers our operation, OIL may obtain its requirement from alternative sources and extra expenditure incurred, if any, will be recovered from the pending / incoming bills of the successful bidder / supplier.

4. Any variation or non-conformity to the tender specification must be clearly mentioned in the Technical Compliance Check-List (Annexure-A) given in the Tender. Deviation mentioned elsewhere in the offer will not be given cognizance.

5. Scope of supply for Flanges and Pipe Fittings under this tender shall be as per Annexure-B. Confirmation to the same shall be submitted by the bidder.

6. Bidder must submit their Quality Assurance Procedure (QAP) based on NIT requirements and relevant standards. A sample of QAP required to be submitted by the bidders is attached (Annexure-C).

7. Detailed Engineering drawings of the Flanges & Pipe Fittings as per relevant standard must be submitted to us along with the quotations **in triplicate** for dimensional check and approvals. For this bidders shall submit their Engineering Drawings drawn for manufacturing. Photo copy of Copyright Standards, Specifications etc. shall not be used for this purpose.

8.The supplier must carryout visual and dimensional checking and Magnetic Particle Test on each and every item to be supplied.

9. Test certificates of raw material used, Hydraulic Test conducted, Magnetic Particle test conducted and dimensional check must be submitted to OIL along with the materials.

10. Every piece of Flange must be marked permanently to show at least :
a) Manufacturer's name or trademark.
b) Materials and product identification (viz. ASTM A 105).
c) Pressure rating/class.
d) Designation (i.e. ANSI B 16.5)
e) NPS
f) Ring Joint Flange shall be marked with Letter "R" and the corresponding Ring Groove Number (viz. R24)
g) 3rd party Inspector's identification mark.
h) OIL Purchase Order No.

IN ABSENCE OF ABOVE MARKINGS, THE MATERIAL WILL NOT BE ACCEPTED.

11. Every piece of Pipe Fitting must be marked permanently to show at least :
a) Manufacturer's name or trademark.
b) Materials and product identification (viz. ASTM A 234 WPB).
c) Wall thickness.
d) NPS
e) Pressure rating/class.
f) 3rd party Inspector's identification mark.
g) OIL Purchase Order No.

IN ABSENCE OF ABOVE MARKINGS, THE MATERIAL WILL NOT BE ACCEPTED.

12. "Materials must be inspected and certified by any one of the OIL authorized third party inspection agencies viz. M/s. BV / IRS / LRIS / RITES / M/s. Tubescope Vetco/ DNV prior to despatch. Bidders must quote the inspection charges separately in % (percentage) in the offer for evaluation of offer, failing which it shall be construed that the quoted rates are inclusive of 3rd party inspection charges."
When a bidder mentions third party inspection charges as extra without specifying the amount, the offer will be loaded with maximum value towards third party inspection charges quoted against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading and in the event of order on that bidder, third party inspection charges mentioned by OIL on the Purchase Order will be binding on the bidder. Please also quote minimum TPI charges in case of part order or the same will be calculated or pro-rata basis.

13. Scope of test and inspection by OIL's approved third party inspection agency must include:
a) At least 5% of the raw materials against each item at random shall be selected by third party inspector & necessary chemical & mechanical tests will be carried out by manufacture to confirm that correct materials as per specifications has been used and certificates to the same approved by TPIA is to be provided to OIL along with the materials.
b) Raw material identification against Original Mill certificate and correlation of Heat Nos. Certified copies of the certificates is to be provided to OIL along with the materials.
c) One or two piece(s) against each heat treated lot and size after formation and before machining will be selected and stamped by Inspector for physical and chemical testing. Physical testing of the materials at Govt. Approved Laboratories / OIL approved Laboratories will be witnessed and certified by Inspector.
d) To carryout Magnetic particle testing on 10% of each item (minimum quantity- 01 Piece against each item) and to review MP test report for all the materials.
e) To make visual and dimensional check (min. 15% of ordered quantity) of all the items and to ensure dimensions of all Flanges & Pipe Fittings are as per OIL approved drawings i.e. as per relevant standard. These dimensional check certificates is to be certified by TPI.
f) Finished materials (min. 10% of the ordered quantity) will be tested hydraulically at 1.5 times of working pressure or specified test pressure as per specification in presence of Inspector. Inspector must write the number of pieces tested and test pressure in the Inspection Certificate.
g) Randomly check markings in Flanges, Ring Gaskets and Pipe Fittings.

h) Check all materials for thorough cleaning & painting with anti-corrosive paint or varnish to avoid corrosion.
i) Ensure packing and tagging of finished product for dispatch is done as per OIL's PO.
j) To check and certify all the stages of Quality Assurance Procedure (QAP) approved by OIL are covered and followed by the manufacturer.
k) To document and issue inspection certificate. All the certificates (original + 2 certified copies) must be checked verified and signed by Inspector under official seal and must be submitted along with despatch documents.

14. In the bid, vendor has to mention the address of their works, where the forging of the Flanges & Pipe Fittings will be carried out and OIL reserves the right to inspect the materials during forging process and/or in forged condition and to inspect adherence to the approved QAP during manufacturing stage. Party has to inform OIL during the requisite manufacturing stage and At least 15 days advance notice will be required for deputing OIL's Engineer.

15. Further to the above point, OIL's Engineer will witness the following inspection at your works besides the third party inspection before dispatching the finished product. At least 15 days advance notice will be required for deputing OIL's Engineer.
a) Hydraulic testing
b) Magnetic Particle Testing
c) Any other tests relevant to the quality assurance

16. Materials must be guaranteed for workmanship & performance for a period of 18 months from the date of dispatch or 12 months from the date of commissioning, whichever is earlier and relevant guarantee certificate in duplicate must be provided along with the supply.

17. Quantity of each and every item may be increased /decreased at the time of final order placement.

18. OIL's P.O. Number, size of material packed and box/bag/crate number must be clearly written on the box/gunny bag/crate with a marker pen and a card containing details of the content viz. OIL's P.O. No., item No., quantity, size of material, challan reference etc. must be tagged to the box/bag/crate securely. A copy of the tag should also be kept inside the box/bag/crate to enable the receiving personnel at Duliajan to properly account for the goods.

19. BID ENCLOSURES:
a) The bidder's quote must indicate each and every item serially as given in the technical specification of the enquiry.
b) Relevant catalogue, technical brochures, detailed Engineering drawings to be furnished along with the quotation **(In triplicate).**
c) Technical Compliance Check-List (as Annexure-A)
d) Conformance to Scope of supply (as Annexure-B)
e) Bidders Quality Assurance Procedure (QAP) (as Annexure-C).
f) Any other documents required for evaluation of bidders' offer.

20. Validity of offer: 75 days from the date of tender opening. Offer with validity less than 75 days will be rejected.

Tender No. : **KID6927L16/05**
Tender Date : **16.04.2015**
Bid Closing On : **26.05.2015 at 14:00 hrs.(IST)**
Bid Opening On : **26.05.2015 at 14:00 hrs.(IST)**

Tender issued to following parties only:

Slno	V_Code	Vendor Name	City/Country
1	200046	Parveen Industries Pvt. Ltd.	DELHI
2	200052	SARA SAE PVT. LTD.	DEHRADUN
3	200264	TUBE-BEND(CALCUTTA) PVT. LTD.	KOLKATA
4	200449	CHANDA & CO. (ENGG) PVT. LTD.	KOLKATA
5	201040	R.P. ENGG. (P) LTD.	HOWRAH
6	202891	TRUE FAB ENGINEERS (P) LTD.	FARIDABAD,HARYANA
7	202928	WESTON ENGINEERS	HOWRAH
8	203237	UDYOG CORPORATION	KOLKATA
9	204469	TRUE FORGE PVT. LTD.	FARIDABAD
10	204470	STEEL SAMRAT (INDIA)	MUMBAI
11	207512	WINDLASS ENGINEERS & SERVICES PVT.L	DEHRADUN
12	208361	PARAMOUNT FORGE	MUMBAI
13	210704	OMEGA CORPORATION	NAGPUR

TECHNICAL COMPLIANCE CHECK-LIST FOR KID6927L16 DTD 16.04.2015 **ANNEXURE-A**

Sl. No.	NIT Requirement	Compliance		Vendors' Deviation/ Remarks
		Yes	No	
1.	The bidder's quote should indicate each and every item serially as given in the technical specification of the enquiry.			
2.	Filled in 'Technical Compliance Check-List' (as **Annexure-A**) is submitted along with the bid.			
3.	Scope of supply under this tender shall be as per **Annexure-B.** Confirmation to the same is submitted.			
4.	Bidders Quality Assurance Procedure (QAP) (as **Annexure-C**) is submitted along with the bid.			
5.	Vendor to confirm that all the items offered are exactly as per our specification, size, material of construction, design & testing standards etc. wherever applicable as mentioned in the NIT.			
6.	Vendor to confirm that delivery of materials will be done within 4 months after PO placement.			
7.	Vendor to confirm that Magnetic particle test will be carried out for full quantity of finished products for flaw & crack detection.			
8.	Detailed Engineering drawings of the Flanges & Pipe Fittings as per relevant standard are submitted along with the quotations for dimensional check and approvals. For this bidders shall submit their Engineering Drawings drawn for manufacturing. Photo copy of Copyright Standards, Specifications etc shall not be used for this purpose.			
9.	Vendor to confirm for carrying out visual and dimensional checking and Magnetic Particle Test on each and every item to be supplied.			
10.	Vendor to confirm that the materials will be tested, inspected and certified by OIL's approved Third Party Inspection Agency and inspection report must be forwarded to us along with the materials.			
11.	Vendor to confirm that scope of test and inspection by OIL's approved third party inspection agency will be as per NIT.			
12.	Vendor to confirm along with materials: The submission of Test certificates of raw material used, Hydraulic Test conducted, Magnetic Particle test conducted and dimensional check.			
13.	Vendor to confirm that markings on the Flanges and Pipe Fittings will be done as per NIT and accept that IN ABSENCE OF MARKINGS, THE MATERIAL WILL BE REJECTED.			
14.	Vendor to confirm that all the material will be thoroughly cleaned & painted with anti-corrosive paint or varnish to avoid corrosion.			
15.	Vendor to confirm that materials will be guaranteed for workmanship & performance for a period of 18 months from the date of dispatch or 12 months from the date of commissioning, whichever is earlier and relevant guarantee certificate in duplicate must be provided along with the supply.			
16.	Vendor to confirm that packing and tagging of finished product for dispatch will be done as per NIT & PO.			
17.	Confirm that bid is submitted along with Bid Enclosures as per PR Note No. 19.			
18.	Vendor has to mention the address of their works, where the forging of the Flanges & Pipe Fittings will be carried out and OIL reserves the right to inspect the flanges during forging process and/or in forged condition and to inspect adherence to the approved QAP during manufacturing stage. Party has to inform OIL during the requisite manufacturing stage and At least 15 days advance notice will be required for deputing OIL's Engineer.			
19.	Vendor to confirm that, OIL's Engineer will witness the inspections mentioned on PR Note No.15 at their works besides the third party inspection before dispatching the finished product.			

Annexure-B

Scope of Supply for Flanges under KD6927-16/05 of 16 4/15

Srl. No.	Description	Total no. of flanges reqd. in Nos.	No. of Gasket required per pair of flange	No. of stud/bolt required per pair of flange	Total no. of Gasket required against the Tender	Total no. of Stud/Nuts required against the Tender
(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Blind Flange,RTJ,50mm(2")X2500Class	12	1	8	12	96
2	Blind Flange,RTJ,65mm(2.1/2")X2500Class	12	1	8	12	96
3	Blind Flange,RTJ,100mm(4")X2500Class	12	1	8	12	96
4	Blind Flange, RTJ,50mm(2")X1500Class	36	1	8	36	288
5	Blind Flange,RTJ,100mm(4")X1500Class	36	1	8	36	288
6	Blind Flange,RTJ,50mm(2")X900Class	48	1	8	48	384
7	Blind Flange,RTJ,100mm(4")X900Class	48	1	8	48	384
8	Blind Flange, RTJ,200mm(8")X900Class	10	1	12	10	120
9	Blind Flange, RTJ,200mm(8")X2500Class	8	1	12	8	96
10	Blind Flange, RF,50mm(2")X 300Class	50	1	8	50	400
11	Blind Flange, RF,100mm(4")X300Class	50	1	8	50	400
12	Blind Flange, RF,150mm(6")X300Class	24	1	12	24	288
13	Blind Flange,RF,200mm(8")X300Class	24	1	12	24	288
14	Blind Flange,RF,250mm(10")X300Class	24	1	16	24	384
15	Blind Flange,RF,300mm(12")X300Class	24	1	16	24	384
16	Blind Flange,RF,400mm(16")X300Class	12	1	20	12	240
17	Blind Flange,RF,500mm(20")X300Class	8	1	24	8	192
18	Blind Flange,RF,600mm(24")X300Class	8	1	24	8	192
19	200mm(8")XANSI 900 Class,W/N Flange	16	1	12	16	192
20	200mm(8")XANSI 2500 Class,W/N Flange	8	1	12	8	96

In the event of placement of Purchase Order against our firm, we hereby confirm to supply the required numbers of Gaskets and Stud/Bolts under column (f) and (g) respectively as per tender specification.

Signature _____

Name _____

Bidders' Seal

ANNEXURE-

QUALITY ASSURANCE PROCEDURE (QAP) FOR FLANGES UNDER KID 4[illegible]L16/05 OF 16 4/15

APPLICABLE CODES AND PURCHASE ORDER SPECIFICATION									SCOPE OF INSPECTION	
Sl. No	STAGE	COMPONENT	CHARACTERISTICS	METHOD OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	RECORD	SUPPLIER	TPI
1	Incoming material	Bloom/ Billet	Heat no. Mill TC, chem comp & other applicable test.	Verification of heat No & Mill TC/ spectro/wet analysis	As per sampling plan	As per Code / PO	Material specification	Mill TC/Lab report		R
2	Heat treatment as applicable (N,N&T, SA, SA &S)	Rought forging	Cycle (Time/Temp)	Verification of HT cycle	100%	As per Code / PO	Material specification	HT chart	w	R
3	Identification of heat treated forging & selection of test coupons	Rough forging	selection of test coupons	Verification of HT cycle	Each HT lot/Each heat No/Size	As per Code / PO	Material specification	Forging identification report	W	H
4	Testing	Rough forging	Tensile, hardness, impact, Product chemical analysis(As applicable) Groove hardness	Lab check	Each HT lot/Each heat No/Size	As per Code / PO	Material specification	Lab report	W	H
5	Non destructive testing	Rough/Proof machined forging.	UT/MPT/TP	UT/MPT/TP	100%by vendor, Rendom by TPI	As per Code / PO	Applicable test specification	Test report	W	H & R

QUALITY ASSURANCE PROCEDURE (QAP) FOR FLANGES UNDER KID6927L16 OF 16 4/15

APPLICABLE CODES AND PURCHASE ORDER SPECIFICATION									SCOPE OF INSPECTION	
Sl. No	STAGE	COMPONENT	CHARACTERISTICS	METHOD OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	RECORD	SUPPLIER	TPI
6	Final inspection	Finished product	1. Visual. 2. Dimensions. 3. Flange finish 4. Weld Bevel. 5.Bore 6. Flange Face Finish 7.Hardness of Groove. 8. Marking. 9. Anti-corrosive painting or varnishing	Visual, standard measuring instrument	100%by vendor, Rendom by TPI	As per Code / PO	Approved drawing/ Material specification	inspection report	W	H
7	Final inspection	Finished product	PMI check	X ray flourascence/emission spectrometer	100%by vendor, Rendom by TPI	Manufacturer's Procedure	material specification	PMI report	W	H
8	Packing and dispatch	Finished product	Verification of surface coating/ Type of packing.	Visual	100%by vendor, Rendom by TPI	PO	Po, material specification	Shipping document	W	R

Legend: H- Hold (offer for witness & obtain clearance), W- Witness, R- Review, A-approval, I - Information, X- Submit, PO- purchase order, N- Normalizing, N&T- normalizing and Tempering, SA: solution annealing, SA&S- Solution annealing & Stabilising, Groove Hardness- To be measured on a mock-Up piece after machining to the required groove depth (normally done at stage 4), PMI- Positive Material Identification

ANNEXUR

QUALITY ASSURANCE PROCEDURE (QAP) FOR PIPE FITTING UNDER KID6927L16 OF 16 4/15

APPLICABLE CODES AND PURCHASE ORDER SPECIFICATION									SCOPE OF INSPECTI	
SL. NO	ACTIVITY	COMPONENT	CHARACTERISTIC	METHOD OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	RECORDS	SUPPLIER	TPI
1	Raw Material Identification	Billets, Rounds, Pipes, Coil, Plates etc	Marking correlation with TC, Dimensional / Thickness adequacy as applicable	Visual Dimensional / Thickness, verification of markings with TC, identification marking	As per sampling plan	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Mill test certificate, Supplier's Inspection Report	H	H
2	Check Testing of Raw material	Billets, Rounds, Pipes, Coil, Plates etc	Verification of the Mill Test Certificates	PO/Applicable code & Specifications	Supplier 100% TPI 100%	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Mill test,certificate,Supplier's Inspection Report	H	H
3	Forming and HT	Fittings	Forming temperatures and procedures	In process witness	Supplier 100%	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Supplier's procedures / records	H	-
4	Sampling of Test Coupon	Fittings	Heat/HT lot, Size, location, orientation,number of test coupon	Review of furnace loading records and HT chart	Supplier 100% TPI 100%	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Sampling Inspection Report	H	H
5	NDT Examination	Fittings	Approved procedures	Radiographic / UT / LP / MP / Examination	Supplier 100% TPI 100%	PO/Applicable code & Specifications	PO/Applicable code & Specifications	NDT Inspection Report	W	R &
6	Selected Coupons Testing	Fittings	Physical / Chemical / Corrosion / Service Properties	PO/Applicable code & Specifications	Supplier 100% TPI 100%	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Test records	H	H
7	Cleaning & Finishing	Fittings	Blast Cleaning / Pickling / Passivation / Suppliers standard etc.	Visual, thickness as applicable	Supplier 100% TPI Random	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Inspection Report	H	R &
8	Final Inspection	Fittings	Size, thickness, dimensions, surface quality, marking, stamping, Anti-corrosive painting or varnishing etc	Visual Dimensional,Thickness, Ends profile and review of complete manufacturing records	Supplier 100%-TPI Random-10% Min	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Inspection Report of all the fittings	H	H
9	Positive Material Identification	Final Inspected Fittings	Compliance with stipulated material	PMI Instrument	Supplier 100% TPI Random-10% Min	Manufacture's Procedure	Material Specification	PMI Report	H	H
10	Final Release and Certification	Finished Fittings	Final stamping, issue of inspection Certificate and Release	Double stamp all inspected fittings with identification stamp on either side of suppliers marking	Supplier 100%-TPI 100%	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Final offer list	H	H

ANNEXUR

QUALITY ASSURANCE PROCEDURE (QAP) FOR PIPE FITTING UNDER KID 69272 16 OF 16 4/15

APPLICABLE CODES AND PURCHASE ORDER SPECIFICATION									SCOPE OF INSPECTI	
SL. NO	ACTIVITY	COMPONENT	CHARACTERISTIC	METHOD OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	RECORDS	SUPPLIER	TPI
11	Packing & Despatch	Finished Fittings	Protective coating/Type of Packing etc.	Visual and review of documents	Supplier 100%-TPI Random-10% Min	PO/Applicable code & Specifications	PO/Applicable code & Specifications	Suppliers's Records	H	-

Legends: H-Hold (Not to proceed without approval), W-Witness (Give due notice, work may proceed), R-Review, TPI-Third Party Inspection Agency PO-Purchase order, HT- Heat Treatment, NDT-Non Destructive tesing, DT- Destructive testing, WPS-Welding Procedure Specification, PQR-Procedure Qualification Record, WPQ-Welder Performance Qualification, Random-10% (Min 1 No.) of each size and type of fittings offered for Inspection, RT-Radiography Testing

NOTICE

Other than the vendors to whom the enquiry has been issued, interested vendors who wish to participate in the tender may apply with proper credentials and other relevant details so as to reach Head-Calcutta Branch, Oil India Limited , ICC Building, 4th Floor, 4 India Exchange Place, Kolkata - 700001, West Bengal – 786602 (E-mail : oilcalmn@oilindia.in , Fax : 033-22302596) within 10 days of publication of the tender in OIL's website.

The vendors must fulfill the following conditions :

i) The party should have three year's experience for the same item.
ii) The party should have received one order for at least 50% quantity in last three years for the item from any reputed firm.
iii) Annual turnover of the firm in any of the last three financial years or current financial year should be more than Rs. 75,00,000/-

NOTE : i) Relevant documents in support of experience, last order and annual turnover must be submitted along with the application.

ii) Application without complete supporting document will not be considered.

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