TENDER NO: ECP0067L16 FOR SUPPLY OF PIPE FITTINGS

Tender issued to the following parties only:

Sl. No.	Vendor Name	City
1	PARVEEN INDUSTRIES PVT. LTD.	DELHI
2	SARA SAE PVT. LTD.	DEHRADUN
3	TUBE-BEND (CALCUTTA) PVT. LTD.	KOLKATA
4	CHANDA & CO. (ENGG) PVT. LTD.	KOLKATA
5	R.P. ENGG. (P) LTD.	HOWRAH
6	TRUE FAB ENGINEERS (P) LTD.	FARIDABAD
7	WESTON ENGINEERS	HOWRAH
8	UDYOG CORPORATION	KOLKATA
9	TRUE FORGE PVT. LTD.	FARIDABAD
10	STEEL SAMRAT (INDIA)	MUMBAI
11	WINDLASS ENGINEERS & SERVICES PVT. LTD.	DEHRADUN
12	PARAMOUNT FORGE	MUMBAI
13	SAWAN ENGINEERS PVT. LTD.	VADODARA
14	OMEGA CORPORATION	NAGPUR



OIL INDIA LIMITED

(A Govt. of India Enterprise)
D.NO: 11-4-7 (3rd FLOOR), NOOKALAMMA TEMPLE STREET,
KAKINADA, ANDHRA PRADESH – 533004

PH: 0884-2302176, FAX: 0884-2352383, Email: kgbasin@oilindia.in

TO,		

TENDER NO.	:	ECP0067L16
TENDER DATE	:	28.01.2016
BID CLOSING ON	:	11.03.2016 at 15.00 Hrs.
BID OPENING ON	:	11.03.2016 at 15.15 Hrs.
BID SECURITY	:	Not Applicable
PERFORMANCE SECURITY	:	Not Applicable
DELIVERY REQUIRED	:	Within 10 Weeks from placement of Order.

Sir,

We invite you to submit your firm quotation (in duplicate) under **Single Stage – Composite Bid System** for supply of the materials as listed and specified in the enclosed Annexure-I, complete in all respect without keeping any ambiguity and conforming to the "General Terms & Conditions" enclosed. It is also essential that your quotation must reach us on or before the bid closing date and time as indicated above.

Your special attention is drawn to the following:

- 1.0 Rate should be quoted as per unit specified in the **Annexure-I** on F.O.R. Destination basis. Offer should be submitted as per format given in given in Annexure-II (Price Schedule) "**General Terms & Conditions**".
- 2.0 Your offer must include:

i)	Tender No.	vii)	Packaging charges, if any.	
ii)	Full description of the material offered.	Viii)	Excise Duty, if applicable.	
iii)	Any deviation in specification.	ix)	Taxes.	
iv)	Best possible delivery for each item.	x)	Firm road freight for door delivery at above	
			destination.	
v)	Unit & total basic price for each item.	xi)	Brand name, whenever specific.	
vi)	Validity of minimum 75 days from the	Xii)	Conformity to Monogram/Inspection	
	date of bid opening.		requirements & charges, if any.	

- 3.0 Incomplete quotation will be summarily rejected.
- 4.0 In the event of your inability to quote for the materials, please send your 'Regret advice' for our record, failure of which may lead to deletion of your name from the vendor list.
- 5.0 Your offer must be submitted in a sealed envelope addressed to Executive Director (KGB & BEP), Oil India Limited, D.No.11-4-7, Nookalamma Temple Street, RamaraoPeta, Kakinada-533004, Andhra Pradesh within the stipulated date and time mentioned above.

Yours faithfully,

OIL INDIA LIMITED.

ANNEXURE-I

.	ANNEAURE-I		
Item No./ Mat. Code	Material Description	Quantity	UOM
<u>10</u>	TUBING ATTACHMENTS	8	NO
02305213	Nipple 50.80 mm (2") x 304.8 mm (12") long x 704 kg/sq.cm. (10,000PSI) to API Std. 5LX for high test line pipe, with 46.038 mm (1.13/16") x 704 kg/sq.cm. (10,000 PSI) flange welded on one end and 50.8 mm (2") WECO wing union (Fig.1002) on the other end.		
2 <u>0</u> 03037109	CEMENTING – MISCELLANEOUS Weco Union complete, comprising Male & Female parts with Rubber Seal & Tri-nut complete. Suitable for 2" x 6000 PSI C.W.P. as per Weco Figure 602 End Connection: Threaded Use: Standard	16	NO
30 09475409	SPARES FOR 50 MM (2") WECO WING UNION AS PER WECO FIG. 602 & 1502 Lip type seal ring, Material: Buna-N Part No. 1465	8	NO
40 09045654	BENDS WITH COUPLINGS BEND, 90 DEG., SEAMLESS, XXS, THREAD : API LP, DIM.: IS-1239, PT.II, TY.1, MATERIAL : ASTMA-234 WPB, COUPLING FORGED CARBON STEEL, 6000 PSI, THREAD : API LP, DIM.: ANSI B16.11, MATERIAL : ASTM A-105, SCOPE OF INSPECTION - B	16	NO
50 09071687	Size: 50 mm (2") COUPLING, FORGED CARBON STEEL, 6000 PSI, THREAD: API LP, DIM.: ANSI B16.11, MATERIAL: ASTM A-105. SCOPE OF INSPECTION-B Size: 50 mm (2")	16	NO
60 09071426	C O U P L I N G S COUPLING, FORGED CARBON STEEL, 3000 PSI, THREAD: API LP, DIM.: ANSI B16.11, MATERIAL: ASTM A-105. SCOPE OF INSPECTION -B Size: 100 mm (4")	8	NO
70 09112281	E L B O W S ELBOW, 90 DEGREE, FORGED CARBON STEEL, 6000 PSI, THREAD: API LP, DIM.: ANSI B16.11, MATERIAL: ASTMA- 105, SCOPE OF INSPECTION - B Size: 50 mm (2")	8	NO
80 09332337	N I P P L E S NIPPLE, STRAIGHT, SEAMLESS PIPE, SCH.40, THREAD: NPT, MATERIAL: ASTM A-106, GR.B. SCOPE OF INSPECTION-A Size: 50 mm (2") NB x 200 mm (8") long	30	NO
90 09332359	NIPPLE, STRAIGHT, SEAMLESS PIPE, SCH.40, THREAD: NPT, MATERIAL: ASTM A-106, GR.B. SCOPE OF INSPECTION-A Size: 50 mm (2") NB x 300 mm (12") long	30	NO

100 09344852	NIPPLE, SWADGE, CONCENTRIC, SEAMLESS PIPE, THREAD: API LP, MATERIAL: ASTM A234 WPB, SCOPE OF INSPECTION-B Size: 100 mm (4") NB x 50 mm (2") long (Sk. No. OIL/0911/E) Note:-Materials are to be inspected by OIL'S approved Third Party Inspection agencies.	24	NO
110 09344874	NIPPLE, SWADGE, CONCENTRIC, SEAMLESS PIPE, XXS THREAD: API P, DIM.: BS 3799, MATERIAL: ASTM A234 WPB, SCOPE OF INSPECTION-B Size: 100 mm (4") NB x 75 mm (3") NB x 229 mm (9") min. length.	16	NO
120 09372951	PLUGS, BULL, FORGED CARBON STEEL Size: 50.8 mm (2") x 704.2 Kg/Cm.Sq.(10,000 PSI) Length of the plug: 127mm (5")	8	NO
130 09374217	Plug, Bull, FCS, API LP,10000 PSI, Size: 2"	8	NO
140 09422282	TEE, EQUAL, FORGED CARBON STEEL, 6000 PSI THREAD: API LP, DIM.: ANSI B16.11, MATERIAL: ASTM A- 105, SCOPE OF INSPECTION - B	8	NO
150 09474645	Size: 50 mm (2") WING UNIONS WING UNION, RIGID TYPE, HAVING REPLACEABLE LIP- TYPE SEAL RING OF BUNA-NDIM - AS PER WECO FIG. 602 MAT (SUB & NUT) - STEEL FORGING THREAD (SUB) - API LP AS PER API 5B (NUT) - ACME 3 PTI MODIFIED CWP : 6000 PSI Size: 50 mm (2")	8	NO
160 09475158	WING UNION, RIGID TYPE, HAVING REPLACEABLE LIP TYPE SEAL RING OF BUNA-NDIM - AS PER WECO FIG. 1502 MAT (SUB & NUT) -STEEL FORGING THREAD (NUT) - ACME 3 TPI STANDARD ENDS (SUB) BUTT-WELD CWP: 15000 PSI Size: 50 mm (2")	16	NO
170 09261445	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1" Dia., 6.1/2" Effective Length, Thread Designation for Stud - 1"-8UNC-2A & for Nut - 1"-8UNC-2B	32	NO
180 09261888	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1.1/8" Dia., 7" Effective Length, Thread Designation for Stud - 1.1/8"-8UNC-2A & for Nut - 1.1/8"-8UNC-2B (Llyod's inspection required)	72	NO
190 09262962	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 Size: 1.3/8" Dia., 10.3/4" Effective Length, Thread Designation for Stud: 1.3/8" - 8UNC-2A & for Nut: 1.3/8" - 8UNC-2B.	60	NO

200 09264616 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1.7/8" Dia., 13.3/4" Effective length, Thread Designation for Stud - 1.7/8"-8UNC-2A & for Nut - 1.7/8"-8UNC-2B 210 09261035 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 Size: 7/8" Dia. 6.1/4" Effective Length, Thread Designation for Stud - 7/8"-9UNC-2A & for Nut - 7/8"-9UNC-2B Note: Lloyds Inspection required. 220 09261489 ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1" Dia., 7" Effective Length, Thread Designation for Stud -
O9261035 ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 Size: 7/8" Dia. 6.1/4" Effective Length, Thread Designation for Stud - 7/8"-9UNC-2A & for Nut - 7/8"-9UNC-2B Note: Lloyds Inspection required. 220 O9261489 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
for Stud - 7/8"-9UNC-2A & for Nut - 7/8"-9UNC-2B Note: Lloyds Inspection required. 220 O9261489 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - 80 ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
09261489 ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
1" Dia 7" Effective Length Thread Designation for Stud
1"-8UNC-2A & for Nut - 1"-8UNC-2B
230 O9261924 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
1.1/8" Dia., 7.1/2" Effective Length, Thread Designation for Stud - 1.1/8"-8UNC-2A & for Nut - 1.1/8"-8UNC-2B
240 09263817 ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
1.5/8" Dia., 12.1/4" Effective Length, Thread Designation for Stud - 1.5/8"-8UNC-2A & for Nut - 1.5/8"-8UNC-2B
250 O9264673 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
1.7/8" Dia., 14.1/2" Effective Length, Thread Designation for Stud - 1.7/8"-8UNC-2A & for Nut - 1.7/8"-8UNC-2B
260 09260668 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - 09260668 ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
3/4" Dia., 5.1/4" Effective Length, Thread Designation for Stud - 3/4"-10UNC-2A & for Nut - 3/4"-10UNC-2B
270 O9260679 ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19
3/4" Dia., 5.1/2" Effective Length, Thread Designation for Stud - 3/4"-10UNC-2A & for Nut - 3/4"-10UNC-2B

280 09261035	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 Size: 7/8" Dia, 6.1/4" Effective Length, Thread Designation for Stud - 7/8"-9UNC-2A & for Nut - 7/8"-9UNC-2B Note: Lloyds Inspection required.	96	NO
290 09261503	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1" Dia., 7.1/4" Effective Length, Thread Designation for Stud - 1"-8UNC-2A & for Nut - 1"-8UNC-2B	48	NO
300 09263431	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1.1/2" Dia., 11.3/4" Effective length, Thread Designation for Stud: 1.1/2" - 8UNC-2A, for Nut: 1.1/2" - 8UNC-2B. Llyod's inspection required.	96	NO
310 09264365	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 1.3/4' Dia., 15.3/8" Effective Length, Thread Designation for Stud - 1.3/4"-8UNC-2A & for Nut - 1.3/4"-8UNC-2B	96	NO
320 09372916	P L U G S PLUG, BULL, FORGED CARBON STEEL, 6000 PSI THREAD : API LP, DIM:BS - 2561:1955, MATERIAL : ASTM A-105, SCOPE OF INSPECTION - B Size: 50 mm (2") Sk. No. OIL/3915	10	NO
330 09372756	P L U G S PLUG, BULL, FORGED CARBON STEEL, 6000 PSI THREAD : API LP, DIM:BS - 2561:1955, MATERIAL: ASTM A-105, SCOPE OF INSPECTION - B Size: 50 mm (2") Sk.No. OIL/1089/B	10	NO
340 09332326	NIPPLE, STRAIGHT, SEAMLESS PIPE, SCH.40, THREAD: NPT, MATERIAL: ASTM A-106, GR.B. SCOPE OF INSPECTION-A Size: 50 mm (2") NB x 150 mm (6") long	10	NO
350 09332359	NIPPLE, STRAIGHT, SEAMLESS PIPE, SCH.40, THREAD: NPT, MATERIAL: ASTM A-106, GR.B. SCOPE OF INSPECTION-A Size: 50 mm (2") NB x 300 mm (12") long 10	10	NO

360 09474645	WING UNION, RIGID TYPE, HAVING REPLACEABLE LIP- TYPE SEAL RING OF BUNA-NDIM - AS PER WECO FIG. 602 MAT (SUB & NUT) - STEEL FORGING THREAD (SUB) - API LP AS PER API 5B (NUT) - ACME 3 PTI MODIFIED CWP : 6000 PSI Size : 50 mm (2")	20	NO
370 09422282	TEE, EQUAL, FORGED CARBON STEEL, 6000 PSI THREAD: API LP, DIM.: ANSI B16.11, MATERIAL: ASTM A- 105, SCOPE OF INSPECTION - B Size: 50 mm (2")	10	NO
380 09071687	COUPLING, FORGED CARBON STEEL, 6000 PSI, THREAD: API LP, DIM.: ANSI B16.11, MATERIAL: ASTM A-105. SCOPE OF INSPECTION-B Size: 50 mm (2")	10	NO
390 09112281	ELBOW, 90 DEGREE, FORGED CARBON STEEL, 6000 PSI, THREAD: API LP, DIM. : ANSI B16.11, MATERIAL : ASTMA-105, SCOPE OF INSPECTION-B Size : 50 mm (2")	10	NO
400 09260668	ALLOY STEEL FULL THREADED STUD BOLT, MATERIAL - ASTM A-193, GRADE B7 OR EN19 WITH 2 (TWO) HEAVY HEXAGONAL NUTS, MATERIAL - ASTM A-194, GRADE 2H OR EN19 3/4" Dia., 5.1/4" Effective Length, Thread Designation for Stud - 3/4"-10UNC-2A & for Nut - 3/4"-10UNC-2B	32	NO

Note description for item no.: 10

A) The wing union, nipple & flange shall be inspected independently by OIL's approved third party inspection agency against the following scope of inspection:

Wing Union:

- i) Design check
- ii) Raw material check &
- iii) Dimensional check

These checks are to be done to confirm suitability of the wing union for 704 Kg/cm.sqr. (10,000 psi) W.P. and 1055Kg/cm.sqr.(15,000 psi) T.P.

Nipple:

- i) Raw material check &
- ii) Dimensional check.

Flange:

- i) Raw material &
- ii) Dimensional check
- B) The welded joint between wing union nipple and between nipple flange are to be 100% radiographed & inspected by third party.

Note description for item nos.: 40, 50, 60, 70, 100, 110, 140, 320, 330, 370, 380, 390

Material to be inspected by OIL's Third party Inspection Agency and scope of TPI is as under: **SCOPE OF INSPECTION-B**:

1. Original Mill Test Certificates for raw material i.e. rolled bar/billet/pipe to be shown to Inspector for verification of certificate and co-relation with heat numbers/batch numbers of material. Certified copies of the certificates must be forwarded to us for record.

- 2. (a) <u>For forged fittings</u>: Forging should be closed die type (closed die forging is not applicable for couplings and bull plugs) and in oil furnace preferably with calibrated temperature gauge. Forging operation may be witnessed by Inspector. Forged materials to be shown to Inspector before machining at the place of forging. Heat number should be embossed on each and every piece.
- 2. (b) <u>For Bends, Elbows and other forged fittings</u>: Materials are to be heat treated properly before machining. Necessary heat treatment graph chart and certificate to be produced at the time of inspection.
- 3. One/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. For Bend below 2", Butt Weld Elbow & Tee below 4", Swadge Nipple & Butt Weld Reducer, physical testing (only hardness) and chemical testing will be carried out. Physical testing of the materials at Govt. Approved Laboratories / OIL approved Laboratories will be witnessed and certified by Inspector.
- 4. Dimensional check (min. 15% of offered quantity) will be done as per the relevant standard/specification/OIL approved drawings by Inspector and it must be certified by them.
- 5. All the threads must be gauged and checked as per relevant original master gauges and certified by Inspector.
- 6. Each and every piece must bear identification mark of the manufacturer, size, class, pressure rating, heat no. etc.
- 7. <u>Hydraulic Test</u>: Finished materials (min. 10% of the offered 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. Not applicable for Butt weld fittings & flanges (unless specifically called for).
- 8. Flanges must be machined completely on both the sides only after getting the forged flanges inspected by the Inspector.
- 9. All the certificates (original + 2 certified copies) should be checked verified and signed by Inspector under official seal and must be submitted along with despatch documents.

Note description for item nos.: 80, 90, 340, 350

Material to be inspected by OIL's Third party Inspection Agency and scope of TPI is as under:

SCOPE OF INSPECTION-A:

- 1. Original Mill Test Certificates for raw material i.e. rolled bar / billet / pipe to be shown to Inspector for verification of certificate and co-relation with heat numbers/batch numbers of material. Certified copies of the certificates must be forwarded to us for record.
- 2. Heat Treatment (where specified material is ASTM A-234). Materials are to be heat treated properly before machining. Necessary heat treatment graph chart and certificate to be produced at the time of Inspection.
- 3. One/two piece(s) against each lot and size after formation and after heat treatment (if heat treated) of the product will be selected and stamped by Inspector for physical and chemical testing. For Bend below 2", Butt Weld Elbow & Tee below 4", Swadge Nipple and Butt Weld Reducer, physical testing (only hardness) and chemical testing will be carried out. Physical testing of the materials at Govt. approved Laboratories/OIL approved Laboratories will be witnessed and certified by Inspector.
- 4. For galvanized fittings galvanising should be made by hot dip galvanizing method properly before making the thread.
- 5. Dimensional check (min. 15% of the offered quantity) will be done as per the relevant standard/code/specification/OIL approved drawings by Inspector and it must be certified by them.
- 6. All the threads must be gauged and checked as per relevant original master gauges and certified by Inspector.

- 7. **Hydraulic Test**: Finished materials (min. 10% of the offered 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 (Not applicable for Butt Weld fittings).
- 8. Each and every piece must bear Identification mark of manufacturer, size, class, pressure rating, Heat No. etc.
- 9. All the certificates (original + 2 certified copies) should be checked, verified and signed by Inspector under official seal and must be submitted along with despatch documents.

<u>Note description for item nos.</u>: 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 400

- 1. The threads of the studs should be rolled threads and not cut threads.
- 2. Material to be inspected by OIL's Third party Inspection Agency and scope of TPI is as under:
- a) Mill Test Certificate for raw Materials is to be verified by Inspector or one/two pieces of raw materials at random will be selected and stamped by OIL's nominated Inspector and necessary chemical test certificate from Govt. approved Laboratories/OIL approved Laboratory to be furnished to confirm that the correct materials as per specification have been used, before machining.
- b) One/Two pieces against each heat number of finished materials at random will be selected and stamped by OIL's nominated Inspector for physical and chemical testing at Govt. approved Laboratories/OIL approved Laboratory. Physical Testing of materials will be witnessed by OIL nominated Inspector. Details of heat treatment to be provided to Inspector.
- c) Dimensions of studs and nuts will be checked as per relevant standard.
- d) All the threads must be gauged and checked as per relevant original mater gauges and certified by Inspector.
- e) Materials (minimum 10%) for dimensional and thread checking will be selected at random basis from the whole lot.
- f) Necessary certificate to be shown to Inspector regarding calibration of thread gauges/tools etc. and subsequently to be submitted to OIL with the despatch documents for retention (original plus two certified copies).
- g) All the certificates (original + 2 certified copies) should be checked, verified and signed by Inspector under official seal and must be submitted along with despatch documents.

Note description for item no.: 120

Inspection required for the following by OIL's approved Third Party Inspection agency:-

- i) Raw material check
- ii) Dimensional check of
- iii) Thread gauging &
- iv) Hydraulic test

Note description for item nos.: 30, 150, 160, 360

The supplier must fulfil the following conditions:

- 1. Supplier must provide valid API Certificate of manufacture of high pressure Wing Unions and its parts as per various Weco Fig's from the manufacturer alongwith the offer, without which the offer will be liable for rejection.
- 2. Quotation must be accompanied with relevant product catalogue/drawing, showing dimensional details, bill of material of various parts etc. without which the offer will be liable for rejection.

- 3. The product must be embossed with the following:
- a) Maker's Name
- b) Weco Fig No.
- c) CWP & TP rating in PSI
- d) Size in inch
- 4. The supplier must forward the following certificates from the manufacturer:
- a) Hydraulic test certificate for wing unions.
- b) Physical & Chemical test certificate of SF, SC & Rubber parts as per relevant API standard/specifications

SPECIAL NOTES:

- 1) Item must be brand new, unused, free from all defects and in ready to use condition. Bidder must confirm this in their offer.
- 2) Materials must be inspected and certified by any one of the OIL authorized third party inspection agencies viz. M/s. BV / IRS / Lloyds/ RITES / DNV / Tubescope Vetco 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 on pro-rata basis.
- 3) Threads must be inspected by original API / NPT (Master Gauge) for H.P. Fittings and same must be categorically confirmed in the offer, failing which your offer may be ignored.
- 4) All fittings must be thoroughly cleaned, dried and properly greased prior to despatch.
- 5) OIL's P.O. Number, size of material packed and bag/ crate number must be clearly written on the 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 bag / crate securely. A copy of the tag must also be kept inside the bag / crate to enable the receiving personnel at Duliajan to properly account for the goods. Weight of each bag / crate shall not exceed 40 kg.
- 6) In case of order for more than one item, each item must be packed individually as above. In case consignment of mixed items is booked, the segregation shall be done at receiving point at supplier's cost. The amount decided by OIL for the same shall be final and binding on the supplier.
- 7) Deviation if any must be clearly spelt out in the offer.
- 8) Guarantee / Warranty certificate for one year will be required along with the supply.
- 9) Validity of offer: 75 days from the date of tender opening. Offer with validity less than 75 days will be rejected.
