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ANNEXURE-I

Tender No. : KIS3879L15/05
Tender Date : 12.06.2014

Item No./ Mat. Code	Material Description	Quantity	UOM
40 09044172	<p>BENDS WITH COUPLINGS ----- BEND, 90 DEG., SEAMLESS, SCH.40, THREAD : NPT, DIM.: IS-1239, PT.II, TY.1, MATERIAL : ASTMA-234, WPB COUPLING, SEAMLESS, STD.WT.THREAD : NPT, DIM. : API 5L, MATERIAL : ASTMA-106, GR.B, SCOPE OF INSPECTION - A Size : 100 mm (4")</p>	350	NO
50 09045687	<p>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 ----- Size : 100 mm (4")</p>	150	NO
60 09070423	<p>C O U P L I N G S COUPLING, SEAMLESS, STD. WT. THREAD : NPT, DIM. API 5L, MATERIAL : ASTM A-106, GR.B. SCOPE OF INSPECTION - A Size : 100 mm (4")</p>	500	NO
70 09071381	<p>COUPLING, FORGED CARBON STEEL, 3000 PSI, THREAD : API LP, DIM.: ANSI B16.11, MATERIAL : ASTM A-105. SCOPE OF INSPECTION - B Size : 50 mm (2")</p>	1000	NO
80 09071632	<p>COUPLING, FORGED CARBON STEEL, 6000 PSI, THREAD : API LP, DIM.: ANSI B16.11, MATERIAL : ASTM A-105. SCOPE OF INSPECTION - B Size : 15 mm (1/2")</p>	500	NO
90 09075225	<p>UNIBOLT COUPLING, ALLOY STEEL, ENDS SCREWED TO API LINE PIPE THREADS WITH NUT, PROVISIONED FOR FEMALE THREAD CONNECTION COMPLETE WITH SEAL RING AND T-HEAD BOLT & NUT. SPARES FOR ABOVE T-Head Bolt & Nut Size : 15.87 mm x 117.65 mm (5/8" x 4.1/4")</p>	100	NO
100	<p>E L B O W S ELBOW, 90 DEG., FORGED CARBON STEEL, 3000 PSI, THREAD : APILP DIM.: ANSI B16.11, MATERIAL : ASTM A-105. SCOPE OF INSPECTION - B- Size : 8 mm (1/4")</p>	150	NO

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Item No./ Mat. Code	Material Description	Quantity	UOM
09111312			
110 09150327	FLANGES FLANGE, FORGED CARBON STEEL, RF, 150 CLASS, THREAD : NPT DIM.: ANSI B16.5, MATERIAL : ASTM A-105. SCOPE OF INSPECTION - B Size : 80 mm (3")	200	NO
120 09150522	Size : 200 mm (8")	100	NO
130 09150555	Size : 250 mm (10")	50	NO
140 09160231	FLANGE, FORGED CARBON STEEL, RF, 300 CLASS, THREAD : API LP, DIM.: ANSI B16.5, MATERIAL : ASTM A-105. SCOPE OF INSPECTION - B Size : 50 mm (2")	200	NO
150 09196314	FLANGE, FORGED CARBON STEEL, RTJ, 900 CLASS, THREAD : API LP, DIM. : ANSI B16.5, MATERIAL : ASTM A105. SCOPE OF INSPECTION - B Size : 100 mm (4")	200	NO
10 09332439	NIPPLES NIPPLE, STRAIGHT, SEAMLESS PIPE, SCH.80, THREAD : API LP, MATERIAL : ASTM A-106, GR.B. SCOPE OF INSPECTION - A Size : 50 mm (2") NB x 200 mm (8") long	300	NO
20 09332452	Size : 50 mm (2") NB x 300 mm (12") long	400	NO
160 09332417	Size : 50 mm (2") NB x 100 mm (4") long	300	NO
30 09421654	TEES TEE, EQUAL, FORGED CARBON STEEL, 3000 PSI THREAD : API LP, DIM.: ANSI B16.11 MATERIAL : ASTM A-105, SCOPE OF INSPECTION - B Size : 25 mm (1")	100	NO

Note description for item no./nos. : 30, 50, 70, 80, 100, 110, 120, 130, 140, 150**NOTES :****SCOPE OF INSPECTION-B FOR HIGH PRESSURE (300 CLASS AND ABOVE) PIPE FITTINGS AND ALL CLASSES OF FLANGES EXCEPT HIGH PRESSURE (300 CLASS AND ABOVE) STRAIGHT NIPPLES.**

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/bath numbers of material. Certified copies of the certificates must be forwarded to us for record.

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2. (a) **For forged fittings** : 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) **For Bends, Elbows and other forged fittings** : 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. **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 & 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 no./nos. : 10, 20, 40, 60, 160

NOTE :**SCOPE OF INSPECTION-A FOR LOW PRESSURE (150 CLASS) PIPE FITTINGS & HIGH PRESSURE (300 CLASS & ABOVE) STRAIGHT NIPPLES EXCEPT FLANGES & MCI FITTINGS.**

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.

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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.

Note description for item no./nos. : 90**NOTES :**

1. Materials must be accompanied by test certificates for raw materials used, hydraulic test etc.
2. Materials must have makers stamp/identification mark embossed on every piece supplied.
3. Bidders are required to forward drawing/catalogue etc. along with the quotation.
4. Offers from indigenous sources may be considered from those manufacturers which meet the following requirements :
 - a) Manufacturers who possess API master gauge for 76.2 mm (3") API linepipe threads.
 - b) Necessary drawings are to be provided.
 - c) Third party inspection by M/s.Lloyds will be required.
 - d) Certificate for raw materials, thread gauging & hydraulic testing are to be witnessed by Third Party Inspectorate, M/s.Lloyds

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. Threads must be inspected by original API / NPT (Master Gauge) for H.P. fittings and same should be categorically confirmed in the offer, failing which your offer may be ignored.

3. "Materials must be inspected and certified by any one of the OIL authorized third party inspection agencies viz. M/s. BV / IRS / LRIS / RITES / DNV except item No. 90 which will be inspected by LRIS only 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.

4. Scope of inspection will be as per Annexure A & B enclosed.

5. All fittings must be thoroughly cleaned, dried and properly greased prior to despatch.

6. OIL's P.O. Number, size of material packed and bag/ crate number should 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 should 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.

7. 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.

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8. Guarantee / Warranty certificate for one year must be required along with the supply.
9. Note description for item 90 :
 1. Bidder must accompanied by test certificates for raw materials used hydraulic test etc.
 2. Materials must have makers stamp / identification mark embossed on every piece supplied.
 3. Bidders are required to forward drawing / catalogue etc. alongwith the quotation in dupliate.
 4. Offers from indigenious sources may be considered from those manufacturers which meet the following requirements:
 - a. Manufacturers who passess API mastergauge for 76.2 mm (3") API linepipe threads.
 - b. Necessary drawings must be provided in duplicate.
 - c. Third party inspection by M/s. Lloyds only will be reired.
 - d. Certificate for raw mateials, thread gauging & hydraulic testing are to be witnessed by Third Party Inspectorate M/s. Lloyds.
10. Deviation if any must be clearly spelt out in the offer.
11. Validity of offer: 75 days from the date of tender opening. Offer with validity less than 75 days will be rejected.

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Bid Closing On : 18.07.2014 at 14:00 hrs.(IST)
Bid Opening On : 18.07.2014 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	208361	PARAMOUNT FORGE	MUMBAI
12	210704	OMEGA CORPORATION	NAGPUR