



OIL AND GAS DEVELOPMENT COMPANY LIMITED
NASHPA OIL & GAS FIELD

Date: 04-05-2020

SCHEDULE OF REQUIREMENT

TENDER ENQUIRY # TE/NOF/M/05/2020

Procurement of Material Required for Execution of Mela Trunk Line Tie-In with Nashpa Plant

S#	Description	Reference #	Rate	Total rate (inclusive of all Taxes)	Deviation
1	As per attached list				

NOTE:

Any pre-bid clarification may be forwarded at the following email address regarding the tender:

mechanical_nashpa@ogdcl.com

LIST OF MATERIAL REQUIRED FOR MELA TRUNK LINE TIE-IN WITH NASHPA PLANT

Sr No	Description	Unit	Qty	Rate (PKR)
VALVES				
1	Ball Valve 3/4" RF 600# Style: Bolted body, replaceable seats, Full port, floating ball Body: ASTM A105N / A216 WCB Bolting: Hot Dip Galvanized plated Stem: Type 316 S.S. Seal: Filled Teflon. Seats: Filled Teflon Ball: Type 316 S.S. Dimensions: Mfr. Std. Design and Test: API 6D	Nos	3	
2	Ball Valve 2" Class 150 Raised face Bolted body, replaceable seats, regular port, Floating mounted ball. Operator: 50mm to 100mm lever, 150mm to 600mm Bevel gear Materials: Body: ASTM A352 Gr. LCC Bolting: Hot Dip Galvanized plated Stem: Type 316 S.S. Seal: PTFE Seats: PTFE Ball: Type 316 S.S. Design and Test: API 6D	Nos	1	
3	Ball valve 2" Class 600 Raised face Bolted body, replaceable seats, regular port, trunnion mounted ball over 4 inch Operator: 50mm to 80mm lever, 100mm to 600mm Bevel gear Body: ASTM A216 Gr. WCB Bolting: Hot Dip Galvanized plated Stem: Type 316 S.S. Seal: PTFE Seats: PTFE Ball: Type 316 S.S. Design and Test: API 6D	Nos	4	
4	Ball valve 8" Class 300 Raised face Bolted body, replaceable seats, Full port, trunnion mounted ball over 4 inch Operator: 50mm to 100mm Lever, 150mm to 600mm Bevel gear Body: ASTM A216 Gr. WCB Bolting: Hot Dip Galvanized plated Stem: Type 316 S.S. Seal: PTFE	Nos	1	

	Seats: PTFE Ball: Type 316 S.S. Design and Test: API 6D			
Elbows				
5	Elbow 2" ASME B16.9, Beveled Ends, Sch 160, SMLS, ASTM A234 Gr. WPB	Nos	34	
6	Elbow 2" ASME B16.9, Beveled Ends, Sch 80, SMLS, ASTM A 420 WPL6 PER	Nos	5	
Flanges				
7	Flange 12" Class ASME B16.5 Class 600 Raised Face, WN, ASTM A 105	Nos	2	
8	Flange 2" ASME B16.5 Class 150 Raised Face, Sch 80, ASTM A 350 LF2	Nos	3	
9	Flange 1" ASME B16.5 Class 600 Raised Face, WN, Sch 160, ASTM A 105	Nos	2	
10	Flange 2" ASME B16.5 Class 600 Raised Face, WN, Sch 160, ASTM A 105	Nos	30	
11	Flange 6" ASME B16.5 Class 150 Raised Face, Sch 80, ASTM A 350 LF2	Nos	1	
12	Flange 2" ASME B16.5 Class 300 Raised Face, Sch 160, WN, ASTM A 105	Nos	5	
13	Flange 8" ASME B16.5 Class 300 Raised Face, Sch 80, WN, ASTM A 105	Nos	3	
14	Blind Flange 8" ASME B16.5 Class 300 Raised Face, ASTM A 105	Nos	1	
15	Flange 3/4" ASME B16.5 Class 600 Raised Face, Socket Weld, Sch 160, ASTM A 105	Nos	6	
GASKETS				
16	Gasket 12" Class 600, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	2	
17	Gasket 8" Class 600, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	8	
18	Gasket 2" Class 150, 4.45mm THK. SPIRAL WOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE ASME B16.20, OUTER CS	Nos	5	
19	Gasket 2" Class 600, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	40	
20	Gasket 6" Class 150, 4.45mm THK. SPIRAL WOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE ASME B16.20, OUTER CS	Nos	1	
21	Gasket 2" Class 300, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	7	

22	Gasket 3" Class 300, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	6	
23	Gasket 8" Class 300, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	3	
24	Gasket 20" Class 600, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	1	
25	Gasket 1" Class 600, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	4	
26	Gasket 3/4" Class 600, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20, OUTER CS	Nos	8	
PIPE NIPPLES				
27	Pipe Nipple 3/4" x 4" A-106 Gr. B, Sch-160 Plain at Both End	Nos	3	
28	Pipe Nipple 3/4" x 4" A-106 Gr. B, Sch-160 Plain End/ Threaded End	Nos	3	
PIPES				
29	Pipe 2" CARBON STEEL, ASTM A106 Gr. B, Sch 160, SMLS ASME B36.10M	Meter	62	
PLUGS/END CAPS				
30	End Cap Threaded 3/4" 6000# ASTM A105	Nos	3	
REDUCERS				
31	Conc. Reducer 12" x 8" ASME B16.9, Beveled Ends, Sch 80, SMLS, ASTM A234 Gr. WPB	Nos	2	
32	Conc. Reducer 6" X 2" ASME B16.9, Beveled Ends, Sch 80, SMLS, ASTM A 420 WPL6 PER	Nos	1	
33	Conc. Reducer 2" X 1" ASME B16.9, Beveled Ends, Sch 160, SMLS, ASTM A234 Gr. WPB	Nos	2	
O-LETS				
34	Sockolet 3/4" x 8" 6000# Sch 160 ASTM A105	Nos	2	
35	Weldolet 8" x 2" ASME B16.9, Beveled Ends, Sch 160, SMLS, ASTM A234 Gr. WPB	Nos	4	
36	Weldolet 8" x 3" ASME B16.9, Beveled Ends, Sch 80, SMLS, ASTM A234 Gr. WPB	Nos	3	
STUD & BOLTS				
37	M33 x 260 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated	Nos	40	
38	M30 x 190 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated	Nos	60	
39	M16 X 110 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized	Nos	236	

	plated			
40	M16 X 90 Studs: ASTM A320 Gr. L7, Hot Dip Galvanized plated Nuts: ASTM A194 Gr. 7, Heavy Hex, Hot Dip Galvanized plated,	Nos	24	
41	M16 X 90 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated,	Nos	24	
42	M20 x 110 Studs: ASTM A320 Gr. L7, Hot Dip Galvanized plated Nuts: ASTM A194 Gr. 7, Heavy Hex, Hot Dip Galvanized plated,	Nos	8	
43	M16 x 100 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated,	Nos	56	
44	M20 x 110 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated,	Nos	56	
45	M24 X 140 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated,	Nos	12	
46	M42 X 285 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated,	Nos	24	
TEES				
47	Equal Tee 8" ASME B16.9, Beveled Ends, Sch 80, SMLS, ASTM A234 Gr. WPB	Nos	1	
48	Equal Tee 2" ASME B16.9, Beveled Ends, Sch 80, SMLS, ASTM A 420 WPL6 PER	Nos	1	
49	Equal tee 2" ASME B16.9, Beveled Ends, Sch 160, SMLS, ASTM A234 Gr. WPB	Nos	8	
50	Reducing Tee 2" X 3/4" ASME B16.9, Beveled Ends, Sch 160, SMLS, ASTM A234 Gr. WPB	Nos	1	
51	Reducing Tee 10"x 8" ASME B16.9, Beveled Ends, Sch 160, SMLS, ASTM A234 Gr. WPB	Nos	1	

TERMS AND CONDITIONS:

1. The material will be delivered at Nashpa Oil Field. The delivery charges to Nashpa Oil Field to be borne by the supplier/ bidder.
2. MTC of the material along with valid heat number must be provided.

3. Any required technical clarification/detail regarding material to be supplied must be cleared before submission of bid. No change in submitted bid will be entertained after bid submission date.
4. European/US/Canadian origin valves & flanges must be quoted.
5. Gaskets of Flexitallic or equivalent brand must be quoted
6. Technical & Financial evaluation will be made on the complete scope of supply.
7. The material must be supplied within 04 weeks from the date of PO placement.
8. Certificate of Origin to be provided by vendor at the time of delivery.
9. Material will be accepted after final inspection at site, and payment will be made through Cross cheque thereof.
10. The firm should have valid NTN and GST number and have active status on FBR website.
11. The Firm should have active Professional tax certificate of concerned Excise office where operating business and same to be submitted along with the bid.
12. Tax submission Certificate (Annex-C, submitted status) should be provided along with Invoice.
13. BOE, GD or SRO to be submitted along with invoice for Income tax/GST exemption if any.
14. The supplier should have 10years of prior experience of supply of piping material.