



**OIL AND GAS DEVELOPMENT COMPANY LIMITED
NASHPA OIL & GAS FIELD**

Date: 16-12-2020

SCHEDULE OF REQUIREMENT

TENDER ENQUIRY # TE/NOF/M/012/2020

Purchase of Material for Installation of Heat Exchanger E-2002

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

Detail of Material			
Sr No.	Description	Unit	Qty.
1.	Ball Valve 3" Raised Face Rating: Class 150 (285 psig @ 100°F – 215 psig @ 350 °F) Ends: Raised face flange. Style: Bolted body, replaceable seats, regular port, trunnion-mounted ball over 4 inch. Operator: 50mm to 100mm Level, 150mm to 600mm Bevel gear Materials: Body: ASTM A 216 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
2.	Ball Valve 4" Raised Face Rating: Class 150 (285 psig @ 100°F – 215 psig @ 350 °F) Ends: Raised face flange. Style: Bolted body, replaceable seats, regular port, trunnion-mounted ball over 4 inch. Operator: 50mm to 100mm Level, 150mm to 600mm Bevel gear Materials: Body: ASTM A 216 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.	2
3.	Concentric Reducer, 10" x 4", ASME B16.9, Beveled Ends, Sch. 40, SMLS, ASTM A234 Gr. WPB	Nos.	1
4.	Concentric Reducer, 2" x 1-1/2", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	1
5.	Concentric Reducer, 4" x 3", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	1
6.	Elbow, 2", ASME B16.9, Beveled Ends, Sch. 40, SMLS, ASTM A234 Gr. WPB	Nos.	60
7.	Elbow, 2", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	220
8.	Elbow, 3", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	19
9.	Elbow, 3/4", ASME B16.11, S.W, Class 6000, ASTM A 105	Nos.	10

10.	Elbow, 4", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	26
11.	End Blind, 2", ASME B16.5, Class 150, Raised Face, ASTM A 105	Nos.	4
12.	End Blind, 2", ASME B16.5, Class 300, Raised Face, ASTM A 105	Nos.	4
13.	End Cap, 3/4", 6000#	Nos.	45
14.	Equal Tee, 2", ASME B16.9, Beveled Ends, Sch. 40, SMLS, ASTM A234 Gr. WPB	Nos.	3
15.	Equal Tee, 2", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	12
16.	Equal Tee, 3", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	3
17.	Equal Tee, 4", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	4
18.	Flange, 1-1/2", Sch. 80, ASME B16.5, Class 300, Raised Face, WN, ASTM A 105	Nos.	1
19.	Flange, 2", Sch. 40, ASME B16.5, Class 150, Raised Face, WN, ASTM A 105	Nos.	7
20.	Flange, 2", Sch. 40, ASME B16.5, Class 300, Raised Face, WN, ASTM A 105	Nos.	1
21.	Flange, 2", Sch. 80, ASME B16.5, Class 150, Raised Face, WN, ASTM A 105	Nos.	6
22.	Flange, 2", Sch. 80, ASME B16.5, Class 300, Raised Face, WN, ASTM A 105	Nos.	25
23.	Flange, 3", Sch. 80, ASME B16.5, Class 150, Raised Face, WN, ASTM A 105	Nos.	10
24.	Flange, 4", Sch. 80, ASME B16.5, Class 150, Raised Face, WN, ASTM A 105	Nos.	10
25.	Flange, 8", Sch. 40, ASME B16.5, Class 150, Raised Face, WN, ASTM A 105	Nos.	4
26.	Gasket, 10", Class 150, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20	Nos.	4
27.	Gasket, 1-1/2", Class 300, 4.45mm THK.SPIRALWOUND	Nos.	4

	304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20		
28.	Gasket, 2", Class 150, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20	Nos.	15
29.	Gasket, 2", Class 300, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20	Nos.	45
30.	Gasket, 3", Class 150, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20	Nos.	15
31.	Gasket, 4", Class 150, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20	Nos.	15
32.	Gasket, 8", Class 150, 4.45mm THK.SPIRALWOUND 304SS RING 304 SSWINDING, FLEXIBLE GRAPHITE, ASME B16.20	Nos.	8
33.	Gate 2" valve with stem protector. Rating: Class 150 Ends: Raised face flange. Style: OS&Y, bolted bonnet, bolted gland, 50mm Solid-Wedge, 80mm to 600mm Flexible Wedge, replaceable seats. Operator: 50mm to 350mm Hand-wheel, 400mm to 600mm Bevel gear Materials: Body: ASTM A216 Gr. WCB Bolting: Hot Dip Galvanized plated Stem: Type 316 S.S. Packing: Mfr. Std. Seats: Hard Faced Type 316 S.	Nos.	1
34.	Gate valve 3/4" with stem protector. Rating: Class 800 Ends: Socket weld Style: OS&Y, bolted bonnet, bolted gland, solid wedge, replaceable seats. Operator: Hand-wheel Materials: Body: ASTM A105N Bolting: Hot Dip Galvanized plated Stem: Type 316 S.S. Packing: Mfr. Std. Seats: Hard Faced Type 316 S.S. Design and Test: ISO 15761	Nos.	45
35.	Globe 2" valve with stem protector. Rating: Class 300 Ends: Raised face flange. Style: OS&Y, bolted bonnet, Rising Stem, Straight Pattern, replaceable seats, plug type	Nos.	1

	<p>disc. Operator: 50mm to 200mm Hand-wheel, 250mm to 600mm Bevel gear Materials: Body: ASTM A216 Gr. WCB Bolting: Hot Dip Galvanized plated Stem: 13% Cr. S.S. Packing: Mfr. Std. Seats: Hard Faced 13% Cr. S.S. Design and Test: ASME B16.34</p>		
36.	<p>M16 x 100 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated</p>	Nos.	400
37.	<p>M16 x 125 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated</p>	Nos.	10
38.	<p>M20 x 110 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated</p>	Nos.	50
39.	<p>M20 x125 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated</p>	Nos.	10
40.	<p>M24 x 120 STUDS : ASTM A193 Gr. B7, Hot Dip Galvanized plated NUTS : ASTM A194 Gr. 2H, Heavy Hex, Hot Dip Galvanized plated</p>	Nos.	16
41.	<p>Pipe Nipple, 3/4" x 150 mm, Sch. 160, A-106 Gr. B, Plain Both Ends</p>	Nos.	45
42.	<p>Pipe Nipple, 3/4" x 150 mm, Sch. 160, A-106 Gr. B, Threaded/Plain</p>	Nos.	45
43.	<p>Pipe, 2", CARBON STEEL, ASTM A106 Gr. B, Sch. 40, SMLS, ASME B36.10M</p>	MTR	450
44.	<p>Pipe, 4", CARBON STEEL, ASTM A106 Gr. B, Sch. 80, SMLS ASME B36.10M</p>	MTR	102
45.	<p>Reducing Tee, 4" x 3", ASME B16.9, Beveled Ends, Sch. 80, SMLS, ASTM A234 Gr. WPB</p>	Nos.	4

46.	Reducing Tee, 8" X 3", ASME B16.9, Beveled Ends, Sch. 40 x Sch. 80, SMLS, ASTM A234 Gr. WPB	Nos.	2
47.	Socket, 2" x 3/4", 6000#, A-105	Nos.	36
48.	Socket, 3" x 3/4", 6000#, A-105	Nos.	3
49.	Socket, 4" x 3/4", 6000#, A-105	Nos.	4
50.	Socket, 8" x 3/4", 6000#, A-105	Nos.	10
51.	Weldolet, 8" x 2", ASME B16.9, Sch. 40, Beveled Ends, ASTM A234 Gr. WPB	Nos.	1
52.	Weldolet, 8" x 2", ASME B16.9, Sch. 80, Beveled Ends, ASTM A234 Gr. WPB	Nos.	4

TERMS AND CONDITIONS:

1. Delivery period for material will be 04 weeks from the date of issuance of purchase order.
2. The material will be delivered at Nashpa Oil Field. The delivery charges to Nashpa Oil Field to be borne by the supplier/ bidder.
3. Any required technical clarification/details 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. Material will be accepted after final inspection at site, and payment will be made through Cross Cheque.
5. The firm should have valid NTN and GST number and have active status on FBR website.
6. The Firm should have active Professional tax certificate of concerned Excise office where operating business.
7. Tax submission Certificate (Annex-C) will be provided along with Invoice.
8. Bid evaluation will be as per complete Supply of Material. (full consignment wise)
9. The supplier should have 5 years of prior experience of supply of industrial material.
10. Bidder/supplier to provide country of origin & manufacturer name in bid and also provide MTC at the time of supply. The manufacturer offered by bidders/supplier should have 10 year of manufacturing experience.