

## DATA SHEET OF CARBON STEEL LINEPIPE

(8 INCH DIAMETER )

1	<b>Client</b>	<b>Oil &amp; Gas Development Company Limited(OGDCL)</b>	<b>Job Number</b>
2	<b>Project</b>	<b>Gas Field Development</b>	<b>Quantity:</b>
3	<b>Location</b>		
4	<b>PROCESS FLUID AND CONDITIONS</b>		
5			
6	Fluid:	Untreated natural gas	
7	Service:	Sour	
8	Design Pressure :	1400 Psig	
9	Design Temperature :	82 <sup>o</sup> C (Max)	
10		-9 <sup>o</sup> C (Min)	
11	Installation:	Underground / Above Ground	
12			
13	<b>SPECIFICATION</b>		<b>COMPLIANCE</b>
14			
15	Linepipe in accordance with API 5L (Latest Edition) with service Annex H , Tender Doc. No. 4985-PA-2006, 4985-PA-2008 and the specification given below.		
16	Design Code:	ASME 31.8	
17	Pipe Size:	4", 6", 8" ND	
18	Installation:	Aboveground/Underground	
19	Pipe wall thickness:	Sch 40,80	
20	Specification:	API 5L Gr X52 PSL2, NS with Service Annexure H	
21	Pipe:	Seam Less	
22	Nominal Length:	Double random length	
23	Ends:	Bevelled to ASME B16.25 / ASME B31.8 APPENDIX I Fig. AS APPLICABLE	
24	Bevel Protectors:	Recessed steel end protectors or Plastic End caps	
25	Product Specification Level:	PSL 2 , NS	
26	Hydrostatic test pressure:	As per API 5L	
27	Charpy Test Temp:	-22 <sup>o</sup> C	
28	Charpy Test:	41 Joule (Min. Average)	
29		27 Joule (Minimum Individual Value)	
30	DWTT temp:	N/A	
31	NACE MR 0175 compliance:	Required	
32	External Coating:	3 Layer Polyethylene (3LPE)	
33	Coating Thickness:	As per Doc No 4985-PA-2008 (Annexure "4")	
34	Marking:	As per API 5L Latest Edition	
35			
36	<b>NOTES</b>		
37	1 Submission of valid API 5L certificate with Service Annexure H of the Linepipe manufacturer along with the bid is mandatory.		
38	2 Submission of API 5L certificates for the last consecutive 5 years of the Linepipe manufacturer along with the bid is mandatory.		
39	3 Submission of audited annual financial reports for the last consecutive 3 years of bidder, pipe manufacture and coating mill is mandatory.		
40	Provision of full address of the auditing firm along with website address and email address for verification purpose is mandatory.		
41	4 Submission of all documents as per check list at Annexure " A".		
42	5 Submission of filled Annexue I, II, III, IV & V with the bid of bidder and pipe manufacturer.		
43	6 The Chemical composition and the Carbon Equivalent shall be in accordance with the doc no. 4985-PA-2006		
44	7 The external 3 Layer Polyethylene (3LPE) coating shall be in accordance with the doc. No. 4985-PA-2008 (Annexure "4)		
45	8 The external 3LPE coating shall be suitable for the following conditions:--		
46	a) Maximum operating temperature of the burried pipeline:	82 <sup>o</sup> C (Max)	
47	b) Geographical area:		
48	c) Expected ambient temperature during installation:	-1 to 55 <sup>o</sup> C	
49	d) Installation method:	Trenching-lowering-backfill	
50	e) Soil and backfill conditions:	Sand, gravel	
51	f) Field joint coating proposed:	As Per Manufacturer Recommendation.	
52	g) Type of Cathodic protection:	Impressed Current.	
53	9 Acceptable Delivery time is 04 months from L/c.		
54	10 Third party inspection during whole manufacturing process will be arranged by OGDCL and bidder will provide all type of support during manufacturing process.		
55			
56			
57	11 In case of conflict between API 5L Latest Edition and tender specification, most stringent requirement will prevail.		
58	12 At the time of bid submission, deviations if any, not mentioned on a separate sheet will not be considered.		
59	13 Bid should be submitted in the form of Book Binding with page number mentioned on each page.		