
 <div>SCHEDULE OF RATES (LESS THAN 5 KM) E Tender 581009</div>			DOC. NO. - MAT-F-11 REV. NO. - 0 EFFECTIVE DATE - 29-01-2018			
TENDER DESCRIPTION:- ARC for steel P/L laying, testing and commissioning up to 5 km - Amreli GA						
REQUIREMENT PERIOD (TENDERED DURATION):- Rate Contract of 2 (Two) Years						
Sr No	Short Text	Short Description	UoM	Quantity	Base Unit Rate	Base Amount
PIPELINE LAYING - ALL TYPE OF SOIL (LENGTH LESS THAN OR EQUAL TO 5 KM)						
1	STEEL LAYING,≤ 5KM,ALLSOIL,6.4MM,X52,12"	PIPELINE LAYING / INSTALLATION,ALL TYPE OF SOIL,LENGTH ≤ 5,000 METERS,SIZE: 12" NB (323.9 MM OD), WT 6.4 MM, API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	2,511.00	2,511.00
2	STEEL LAYING,≤ 5KM,ALLSOIL,6.4MM,X52,8"	PIPELINE LAYING / INSTALLATION,ALL TYPE OF SOIL,LENGTH ≤ 5,000 METERS,SIZE: 8" NB (219.1 MM OD), WT 6.4 MM, API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	2,310.00	2,310.00
3	STEEL LAYING,≤ 5KM,ALLSOIL,6.4MM,X52,6"	PIPELINE LAYING / INSTALLATION,ALL TYPE OF SOIL,LENGTH ≤ 5,000 METERS,SIZE: 6" NB (168.3 MM OD), WT 6.4 MM, API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1,386.00	2,230.00	30,90,780.00
4	STEEL LAYING,≤ 5KM,ALLSOIL,6.4MM,X52,4"	PIPELINE LAYING / INSTALLATION,ALL TYPE OF SOIL,LENGTH ≤ 5,000 METERS,SIZE: 4" NB (114.3 MM OD), WT 6.4 MM, API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	2,149.00	2,149.00
PIPELINE LAYING BY HDD METHOD ALONG ROUTE (PARALLEL HDD)						
5	STEEL,HDD,ALONG,NONROCKY,6.4MM,X52,12"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE,ALL SOIL OTHER THAN ROCKY STRATA, SIZE: 323.9 MM (12") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	7,246.00	7,246.00
6	STEEL,HDD,ALONG,NONROCKY,6.4MM,X52,8"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE,ALL SOIL OTHER THAN ROCKY STRATA, SIZE: 219.1 MM (8") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	6,433.00	6,433.00
7	STEEL,HDD,ALONG,NONROCKY,6.4MM,X52,6"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE,ALL SOIL OTHER THAN ROCKY STRATA, SIZE: 168.3 MM (6") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1,400.00	5,899.00	82,58,600.00
8	STEEL,HDD,ALONG,NONROCKY,6.4MM,X52,4"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE,ALL SOIL OTHER THAN ROCKY STRATA, SIZE: 114.3 MM (4") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	4,865.00	4,865.00
9	STEEL,HDD,ALONG,ROCKY,6.4MM,X52,12"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE (PARALLEL),ROCKY STRATA, SIZE: 323.9 MM (12") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	10,620.00	10,620.00
10	STEEL,HDD,ALONG,ROCKY,6.4MM,X52,8"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE (PARALLEL),ROCKY STRATA, SIZE: 219.1 MM (8") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	8,296.00	8,296.00
11	STEEL,HDD,ALONG,ROCKY,6.4MM,X52,6"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE (PARALLEL),ROCKY STRATA, SIZE: 168.3 MM (6") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	7,631.00	7,631.00
12	STEEL,HDD,ALONG,ROCKY,6.4MM,X52,4"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ALONG ROUTE (PARALLEL),ROCKY STRATA, SIZE: 114.3 MM (4") WT 6.4 MM API 5L(PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	6,330.00	6,330.00
PIPELINE LAYING BY HDD METHOD ACROSS ROUTE (CROSSING HDD)						
13	HDD,CROSSING,UNCASED,NONROCKY,6.4MM,12"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	7,239.00	7,239.00
14	HDD,CROSSING,UNCASED,NONROCKY,6.4MM,8"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,SIZE: 219.1 (8") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	6,455.00	6,455.00
15	HDD,CROSSING,UNCASED,NONROCKY,6.4MM,6"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,SIZE: 168.3 (6") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	5,915.00	5,915.00
16	HDD,CROSSING,UNCASED,NONROCKY,6.4MM,4"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	4,866.00	4,866.00
17	HDD,CROSSING,UNCASED,ROCKY,6.4MM,12"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ROCKY STRATA,SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	10,532.00	10,532.00
18	HDD,CROSSING,UNCASED,ROCKY,6.4MM,8"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ROCKY STRATA,SIZE: 219.1 (8") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	8,279.00	8,279.00
19	HDD,CROSSING,UNCASED,ROCKY,6.4MM,6"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ROCKY STRATA,SIZE: 168.3 (6") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	85	7,613.00	6,47,105.00
20	HDD,CROSSING,UNCASED,ROCKY,6.4MM,4"	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITHOUT CASING PIPE,ROCKY STRATA,SIZE: 168.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED	Meter (M)	1	6,312.00	6,312.00
21	HDD,CROSSING,NONROCKY,CASING24",12"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 24"	Meter (M)	1	19,970.00	19,970.00
22	HDD,CROSSING,NONROCKY,18",CASING,12"CARR	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 18"	Meter (M)	1	17,887.00	17,887.00
23	HDD,CROSSING,NONROCKY,16",CASING,8"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 219.1 (8") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 16"	Meter (M)	1	15,317.00	15,317.00
24	HDD,CROSSING,NONROCKY,12",CASING,6"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 168.3 (6") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 12"	Meter (M)	1	9,510.00	9,510.00
25	HDD,CROSSING,NONROCKY,10",CASING,4"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 10"	Meter (M)	1	9,263.00	9,263.00
26	HDD,CROSSING,NONROCKY,8",CASING,4"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 8"	Meter (M)	1	8,209.00	8,209.00
27	HDD,CROSSING,ROCKY,24",CASING,12"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ROCKY STRATA,CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 24"	Meter (M)	1	21,160.00	21,160.00
28	HDD,CROSSING,ROCKY,18",CASING,12"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ROCKY STRATA,CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 18"	Meter (M)	1	18,058.00	18,058.00
29	HDD,CROSSING,ROCKY,16",CASING,8"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ROCKY STRATA,CARRIER SIZE: 219.1 (8") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 16"	Meter (M)	1	15,691.00	15,691.00
30	HDD,CROSSING,ROCKY,12",CASING,6"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ROCKY STRATA,CARRIER SIZE: 168.3 (6") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 12"	Meter (M)	1	13,916.00	13,916.00
31	HDD,CROSSING,ROCKY,10",CASING,4"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ROCKY STRATA,CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 10"	Meter (M)	1	12,220.00	12,220.00
32	HDD,CROSSING,ROCKY,8",CASING,4"CARR.	PIPELINE LAYING / INSTALLATION BY HDD METHOD,ACROSS ROUTE (CROSSING),_WITH CASING PIPE,ROCKY STRATA,CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 8"	Meter (M)	1	11,670.00	11,670.00
PIPELINE INSTALLATION BY THRUST BORING (CROSSING)						
33	BORING,NONROCKY,CASING24",CARR.12",6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING,CROSSING,WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 24"	Meter (M)	1	14,992.00	14,992.00
34	BORING,NONROCKY,CASING18",CARR.12",6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING,CROSSING,WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 18"	Meter (M)	1	14,026.00	14,026.00
35	BORING,NONROCKY,CASING16",CARR.8",6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING,CROSSING,WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 219.1 (8") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 16"	Meter (M)	1	12,336.00	12,336.00
36	BORING,NONROCKY,CASING12",CARR.6",6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING,CROSSING,WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 168.3 (6") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 12"	Meter (M)	1	11,506.00	11,506.00
37	BORING,NONROCKY,CASING10",CARR.4",6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING,CROSSING,WITH CASING PIPE,ALL SOIL EXCEPT ROCKY STRATA,CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED, CASING SIZE: 10"	Meter (M)	1	9,557.00	9,557.00

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TENDER DESCRIPTION:- ARC for steel P/L laying, testing and commissioning up to 5 km - Amreli GA								
REQUIREMENT PERIOD (TENDERED DURATION):- Rate Contract of 2 (Two) Years								
Sr No	Short Text	Short Description	UoM	Quantity	Base Unit Rate	Base Amount		
38	BORING, NONROCKY, CASING8", CARR.4", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ALL SOIL EXCEPT ROCKY STRATA_CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 8"	Meter (M)	1	9,519.00	9,519.00		
39	BORING, ROCKY, CASING24", CARR.12", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ROCKY STRATA_CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 24"	Meter (M)	1	19,355.00	19,355.00		
40	BORING, ROCKY, CASING18", CARR.12", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ROCKY STRATA_CARRIER SIZE: 323.9 (12") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 18"	Meter (M)	1	18,024.00	18,024.00		
41	BORING, ROCKY, CASING16", CARR.8", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ROCKY STRATA_CARRIER SIZE: 219.1 (8") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 16"	Meter (M)	1	16,346.00	16,346.00		
42	BORING, ROCKY, CASING12", CARR.6", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ROCKY STRATA_CARRIER SIZE: 168.3 (6") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 12"	Meter (M)	1	14,426.00	14,426.00		
43	BORING, ROCKY, CASING10", CARR.4", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ROCKY STRATA_CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 10"	Meter (M)	1	12,207.00	12,207.00		
44	BORING, ROCKY, CASING8", CARR.4", 6.4MM	PIPELINE LAYING / INSTALLATION BY THRUST BORING/DRILLING_CROSSING_WITH CASING PIPE_ROCKY STRATA_CARRIER SIZE: 114.3 (4") WT 6.4 mm API 5L (PSL-2) Gr. X52 3LPE COATED_CASING SIZE: 8"	Meter (M)	1	12,177.00	12,177.00		
SUPPLY OF CASING PIPE								
45	SUPPLY, CASING PIPE, WT 9.5MM, 24"	SUPPLY OF STEEL CASING PIPE_24" NB x 9.5 mm thick - API 5L Gr. B / IS3589 Gr. Fe 410 or Fe 440 / ASTM A 106 Gr. B / ASTM A 333 Gr. 6 x 9.5 mm WT including transportation to site as directed by EIC	Meter (M)	1	11,892.00	11,892.00		
46	SUPPLY, CASING PIPE, WT 9.5MM, 18"	SUPPLY OF STEEL CASING PIPE_18" NB x 9.5 mm thick - API 5L Gr. B / IS3589 Gr. Fe 410 or Fe 440 / ASTM A 106 Gr. B / ASTM A 333 Gr. 6 x 9.5 mm WT including transportation to site as directed by EIC	Meter (M)	1	7,956.00	7,956.00		
47	SUPPLY, CASING PIPE, WT 9.5MM, 16"	SUPPLY OF STEEL CASING PIPE_16" NB x 9.5 mm thick - API 5L Gr. B / IS3589 Gr. Fe 410 or Fe 440 / ASTM A 106 Gr. B / ASTM A 333 Gr. 6 x 9.5 mm WT including transportation to site as directed by EIC	Meter (M)	1	6,564.00	6,564.00		
48	SUPPLY, CASING PIPE, WT 9.5MM, 12"	SUPPLY OF STEEL CASING PIPE_12" NB x 9.5 mm thick - API 5L Gr. B / IS3589 Gr. Fe 410 or Fe 440 / ASTM A 106 Gr. B / ASTM A 333 Gr. 6 x 9.5 mm WT including transportation to site as directed by EIC	Meter (M)	1	4,996.00	4,996.00		
49	SUPPLY, CASING PIPE, WT 9.5MM, 10"	SUPPLY OF STEEL CASING PIPE_10" NB x 9.5 mm thick - API 5L Gr. B / IS3589 Gr. Fe 410 or Fe 440 / ASTM A 106 Gr. B / ASTM A 333 Gr. 6 x 9.5 mm WT including transportation to site as directed by EIC	Meter (M)	1	4,142.00	4,142.00		
50	SUPPLY, CASING PIPE, WT 9.5MM, 8"	SUPPLY OF STEEL CASING PIPE_8" NB x 9.5 mm thick - API 5L Gr. B / IS3589 Gr. Fe 410 or Fe 440 / ASTM A 106 Gr. B / ASTM A 333 Gr. 6 x 9.5 mm WT including transportation to site as directed by EIC	Meter (M)	1	2,898.00	2,898.00		
ABOVE GROUND PIPING INSTALLATION								
51	FABRICATION, INSTALLATION, STEEL, SCH40	PIPING CONSTRUCTION / INSTALLATION FOR ABOVE GROUND / UNDER GROUND FACILITY_CARBON STEEL PIPING_SCH 40_INCH DIAMETER	Inch Dia. (IDI)	60	984.00	59,040.00		
52	FABRICATION, INSTALLATION, STEEL, SCH80	PIPING CONSTRUCTION / INSTALLATION FOR ABOVE GROUND / UNDER GROUND FACILITY_CARBON STEEL PIPING_SCH 80_INCH DIAMETER	Inch Dia. (IDI)	100	635.00	63,500.00		
53	FABRICATION, INSTALLATION, STEEL, SCH160	PIPING CONSTRUCTION / INSTALLATION FOR ABOVE GROUND / UNDER GROUND FACILITY_CARBON STEEL PIPING_SCH 160_INCH DIAMETER	Inch Dia. (IDI)	4	498.00	1,992.00		
INSTALLATION OF PRESSURE REDUCTION STATION								
54	INST, DRS/PRS/CPRS, A/G, 500/1000SCMH	ABOVE GROUND INSTALLATION DRS / PRS/ CPRS_500/1000 SCMH CAPACITY"	Each (EA)	1	40,260.00	40,260.00		
55	INST, DRS/PRS/CPRS, A/G, 2000/5000SCMH	ABOVE GROUND INSTALLATION DRS / PRS/ CPRS_2000/5000 SCMH CAPACITY"	Each (EA)	1	40,260.00	40,260.00		
56	INST, PRS, MODULE, U/G, 2500/5000SCMH	UNDER GROUND INSTALLATION DRS / PRS/ CPRS_2500/5000 SCMH CAPACITY"	Each (EA)	1	40,260.00	40,260.00		
57	CIVIL WORK, A/G, U/G PRS, UPTO 5000 SCMH	CIVIL WORKS FOR ABOVE GROUND / UNDER GROUND INSTALLATION OF DRS/PRS/CPRS	Cubic Meter (M3)	10	8,953.00	89,530.00		
INSTALLATION OF VALVES								
58	CHAMBER, PIPING, INSTALL, VALVE, 12"	INSTALLATION / CONSTRUCTION OF ISOLATING / SECTIONALIZING / TAP OFF VALVE INCLUDING CONSTRUCTION OF RCC VALVE CHAMBER_12" SIZE_ ALL PRESSURE CLASS"	Each (EA)	1	1,73,058.00	1,73,058.00		
59	CHAMBER, PIPING, INSTALL, VALVE, 8"	INSTALLATION / CONSTRUCTION OF ISOLATING / SECTIONALIZING / TAP OFF VALVE INCLUDING CONSTRUCTION OF RCC VALVE CHAMBER_8" SIZE_ ALL PRESSURE CLASS"	Each (EA)	1	1,50,729.00	1,50,729.00		
60	CHAMBER, PIPING, INSTALL, VALVE, 6"	INSTALLATION / CONSTRUCTION OF ISOLATING / SECTIONALIZING / TAP OFF VALVE INCLUDING CONSTRUCTION OF RCC VALVE CHAMBER_6" SIZE_ ALL PRESSURE CLASS"	Each (EA)	2	1,38,744.00	2,77,488.00		
61	CHAMBER, PIPING, INSTALL, VALVE, 4"	INSTALLATION / CONSTRUCTION OF ISOLATING / SECTIONALIZING / TAP OFF VALVE INCLUDING CONSTRUCTION OF RCC VALVE CHAMBER_4" SIZE_ ALL PRESSURE CLASS"	Each (EA)	1	1,24,774.00	1,24,774.00		
PIPELINE END CONNECTION								
62	END CONNECTIVITY, WITH PIPE/VALVE, 12"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE OR EXISTING TAP OFF VALVE_PIPELINE SIZE 12" NB WT 6.4 MM OR TAP OFF VALVE 12" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	10,959.00	10,959.00		
63	END CONNECTIVITY, WITH PIPE/VALVE, 8"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE OR EXISTING TAP OFF VALVE_PIPELINE SIZE 8" NB WT 6.4 MM OR TAP OFF VALVE 8" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	9,593.00	9,593.00		
64	END CONNECTIVITY, WITH PIPE/VALVE, 6"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE OR EXISTING TAP OFF VALVE_PIPELINE SIZE 6" NB WT 6.4 MM OR TAP OFF VALVE 6" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	9,398.00	9,398.00		
65	END CONNECTIVITY, WITH PIPE/VALVE, 4"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE OR EXISTING TAP OFF VALVE_PIPELINE SIZE 4" NB WT 6.4 MM OR TAP OFF VALVE 4" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	9,244.00	9,244.00		
66	END CONNECTIVITY, WITH SHUTDOWN, PIPE, 12"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE WITH SHUTDOWN ACTIVITY IN EXISTING PIPELINE_PIPELINE SIZE 12" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	36	10,351.00	3,72,636.00		
67	END CONNECTIVITY, WITH SHUTDOWN, PIPE, 8"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE WITH SHUTDOWN ACTIVITY IN EXISTING PIPELINE_PIPELINE SIZE 8" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	9,293.00	9,293.00		
68	END CONNECTIVITY, WITH SHUTDOWN, PIPE, 6"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE WITH SHUTDOWN ACTIVITY IN EXISTING PIPELINE_PIPELINE SIZE 6" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	9,178.00	9,178.00		
69	END CONNECTIVITY, WITH SHUTDOWN, PIPE, 4"	PIPELINE END CONNECTIVITY WITH EXISTING PIPELINE WITH SHUTDOWN ACTIVITY IN EXISTING PIPELINE_PIPELINE SIZE 4" NB Including Pit Excavation, Valve greasing, Welding, N2 Purging, NDT, Coating, Backfilling, Supply of Manpower and Machinery etc.	Inch Dia. (IDI)	1	9,054.00	9,054.00		
70	END CONNECTIVITY, HOT-TAP ASSISTANCE, 12"	PIPELINE CONNECTIVITY WITH EXISTING PIPELINE BY HOT_TAP_ASSISTANCE ONLY_PIPELINE SIZE 12" NB	Each (EA)	1	1,07,588.00	1,07,588.00		
71	END CONNECTIVITY, HOT-TAP ASSISTANCE, 8"	PIPELINE CONNECTIVITY WITH EXISTING PIPELINE BY HOT_TAP_ASSISTANCE ONLY_PIPELINE SIZE 8" NB	Each (EA)	1	1,05,350.00	1,05,350.00		
72	END CONNECTIVITY, HOT-TAP ASSISTANCE, 6"	PIPELINE CONNECTIVITY WITH EXISTING PIPELINE BY HOT_TAP_ASSISTANCE ONLY_PIPELINE SIZE 6" NB	Each (EA)	1	1,04,261.00	1,04,261.00		
73	END CONNECTIVITY, HOT-TAP ASSISTANCE, 4"	PIPELINE CONNECTIVITY WITH EXISTING PIPELINE BY HOT_TAP_ASSISTANCE ONLY_PIPELINE SIZE 4" NB	Each (EA)	1	1,03,102.00	1,03,102.00		
INSTALLATION OF PIPELINE MARKERS								
74	S&I, ROUTE MARKER, RCC	SUPPLY / INSTALLATION OF PERMANENT MARKERS_RCC ROUTE MARKER	Each (EA)	25	1,542.00	38,550.00		
75	S&I, ROUTE MARKER, KM POST	SUPPLY / INSTALLATION OF PERMANENT MARKERS_ROUTE MARKER KILOMETER POST	Each (EA)	3	5,981.00	17,943.00		

 <div>GUJARAT GAS</div>			SCHEDULE OF RATES (LESS THAN 5 KM) E Tender 581009		DOC. NO. - MAT-F-11 REV. NO. - 0 EFFECTIVE DATE - 29-01-2018	
TENDER DESCRIPTION:- ARC for steel P/L laying, testing and commissioning up to 5 km - Amreli GA						
REQUIREMENT PERIOD (TENDERED DURATION):- Rate Contract of 2 (Two) Years						
Sr No	Short Text	Short Description	UoM	Quantity	Base Unit Rate	Base Amount
76	S&I,WARNING MARKER,W/POST,FOUNDATION	SUPPLY / INSTALLATION OF PERMANENT MARKERS_WARNING MARKER WITH POST & FOUNDATION	Each (EA)	8	4,989.00	39,912.00
77	S&I,WARNING MARKER,W/O POST,FOUNDATION	SUPPLY / INSTALLATION OF PERMANENT MARKERS_WARNING PLATE MARKER WITHOUT POST & FOUNDATION	Each (EA)	1	2,632.00	2,632.00
78	S&I,DIRECTION MARKER,RCC	SUPPLY / INSTALLATION OF PERMANENT MARKERS_DIRECTION MARKER	Each (EA)	10	4,035.00	40,350.00
79	S&I,ROW,BOUNDARY,MARKER,RCC	SUPPLY / INSTALLATION OF PERMANENT MARKERS_ROW BOUNDARY MARKER	Each (EA)	1	1,762.00	1,762.00
80	S&I,MARKER,CROSSING,NAVIGABLE,WATERWAY	SUPPLY / INSTALLATION OF PERMANENT MARKERS_NAVIGABLE WATERWAY CROSSING WARNING MARKER	Each (EA)	1	55,956.00	55,956.00
PRE COMMISSIONING & COMMISSIONING						
81	PRE-COMM,PRESERVATION,COMMISSIONING,W/N2	PRE-COMMISSIONING, PRESERVATION & COMMISSIONING OF PIPELINE WITH NITROGEN	Cubic Meter (M3)	250	123.00	30,750.00
TEMPORARY CATHODIC PROTECTION SYSTEM						
82	SURVEY,SOIL,RESISTIVITY	Soil resistivity measurement at 1KM interval at depth of 1M, 2M and 5M approx depths and additional data collection as per TCP specification	Kilometer (KM)	3	3,702.00	11,106.00
83	ANALYSIS,CHEMICAL,SOIL,SAMPLE	Chemical analysis of Soil / Water samples along ROU as per TCP specification per location	Each (EA)	1	12,743.00	12,743.00
84	DESIGN,DETAIL,ENGG,TCP,SYSTEM	Design, detail engineering of TCP System based on Soil Resistivity Measured from pipeline ROW, Soil Ionic & Microbial Loading,Interfering Elements surveys from pipeline ROW conforming to the Scope of work, Design Basis, Data Sheets, specification, standard and vendor list attached and provisions of GCC, SCC including Technical specifications	Kilometer (KM)	3	3,500.00	10,500.00
85	S&I,STATION,TEST,A-TYPE	Type A for Potential Measurement with two cables of 1c x 6 sq mm from pipeline to the TLP. The minimum number of terminals on the terminal plate is four (4). Two for connection of cable and two spare.	Each (EA)	1	21,946.00	21,946.00
86	S&I,STATION,TEST,B-TYPE	Type B for Current Measurement with minimum four cables including 1Cx 6 sq.mm & 1Cx10 Sq.mm un-armoured.	Each (EA)	1	42,548.00	42,548.00
87	S&I,STATION,TEST,C-TYPE	Type C - Foreign Pipeline Crossing TLP/Bond Box with one cable of 1c x 6 sq mm from each pipeline to the TLP and one cable of 1c x 25 sq mm from pipeline to TLP for bonding with resistors and shunts.	Each (EA)	1	31,402.00	31,402.00
88	S&I,STATION,TEST,D-TYPE	Type D for Cased Crossing with minimum two cables of 1c x 6 sq mm from carrier pipeline to the TLP and two cables of 1c x 6 sq mm from casing pipe to TLP.	Each (EA)	1	25,841.00	25,841.00
89	S&I,STATION,TEST,E-TYPE	Type E- Insulating Joint TLP with two cables of 1c x 6 sq mm , one from underground section of the pipeline and other from the above ground side of the pipeline to the TLP and one 1c x 25 sq mm from the above ground side of the pipeline to the TLP.	Each (EA)	2	38,864.00	77,728.00
90	S&I,STATION,TEST,H-TYPE	Type H - for HT Line Crossing, this TLP shall be vandal proof type and the size should be suitable to install solid state dc decoupling device(SSD) in it.	Each (EA)	1	28,536.00	28,536.00
91	S&I,ANODE,MG,5KGS	Supply & Installation of pre-packed Mg Anode (5 Kg) with one 1C x 10 Sq.mm un-armoured tail cable (with sufficient length) & encapsulation kit for cable connection termination of Anode tail cable in the TLP etc.	Each (EA)	1	9,304.00	9,304.00
92	S&I,DC,COUPON,W/CABLE	Supply & Installation of DC coupons (polaization/corrosion) with two cables of 1c x 6 sq mm and	Each (EA)	1	7,724.00	7,724.00
93	S&I,PERMENANT,REFERENCE,CELL,CU/CUSO4	Supply & Installation of Cu/CuSO4 Permanent Reference Electrodes with 1c x 10 sq mm XLPE/PVC un-armored of suitable length such as to reach TLP.	Each (EA)	1	21,924.00	21,924.00
94	S&I,DIVERTER,SURGE,IJ	Supply and Installation of Surge Divertor , directly mounted on MU without any joint/extension	Each (EA)	1	16,826.00	16,826.00
95	S&I,CELL,GROUNDING,ZINC,20+20KGS	Supply & Installation of Pre-packaged Zinc grounding cell- 20 kg +20 kg with 1c x 25 sq mm XLPE/PVC unarmoured cable terminated at TLP connected to the unprotected side of MUJ	Each (EA)	1	35,282.00	35,282.00
96	MONITORING,TLP,SYSTEM,MONTHLY	Monthly Basis-Monitoring of Temporary Cathodic Protection System for 2 years of till commissioning of PCP whichever is later. Monitoring of health of installed TCP including measurement of pipe to soil potential (PSP) reading on monthly basis. The scope of work include collection / measurement of parameters of test stations of PCP and TCP sections and IJ, submission of reports to Owner & PMC as detailed in technical specifications and rectification/repair of defects/abnormalities to keep the system in healthy position complete in all respects as per direction of Engineer-In-Charge.	Kilometer (KM)	36	800.00	28,800.00
97	TEST,COATING,CONDUCTANCE	Coating conductance test at all the HDD crossings prior to hookup with the main-line and B type TLP locations	Each (EA)	3	15,000.00	45,000.00
98	STUDY,AC,ITERERENCE,MITIGATION	AC Interference and mitigation, Study by specialist agency whose scope would include: Collection of data from the field by visual inspection of ROW, taking GPS coordinates of tower foundations, data collection from powerline operators for operating characteristics of the power line which includes rated design current,operating current, fault current , fault clearing time, tower footing resistnace ,substauion location and ground resistance , type of phase conductor and phase arrangement, location of transposition of the phase conductors, ttype and number of shield wire etc. Conducting multilayer soil resistivity survey at various depth upto 100 mtr	Each (EA)	1	30,000.00	30,000.00
99	S&I,DECOUPLER,SOLID,STATE,3.7KA	Supply & Installation of Solid state decoupler -3.7 KA	Each (EA)	1	1,22,590.00	1,22,590.00
100	S&I,DECOUPLER,SOLID,STATE,5.0KA	Supply & Installation of Solid state decoupler -5 KA	Each (EA)	1	1,52,834.00	1,52,834.00
101	S&I,AC,COUPON,W/CABLE	Supply & Installation of AC coupons (Corrosion) with 1c x 6 sq mm cable of suitable length such as to reach test station	Each (EA)	1	7,724.00	7,724.00
102	S&I,ELECTRODE,GROUNDING,LINEAR	Supply & Installation of linear copper based grounding electrode for HT line crossing locations with 1Cx25 Sq.mm un-armoured cable (with sufficient length), encapsulation kit termination	Meter (M)	1	4,500.00	4,500.00
103	S&I,ANODE,ZINC,20KGS	Supply & Installation of pre-packaged Zinc Anode- 20 kg with 1c x 25 sq mm XLPE/PVC unarmoured cable terminated at TLP	Each (EA)	1	17,641.00	17,641.00
104	DATA,LOGGING,AC/DC	Conducting AC / DC data logging at installed TLP's with AC corrosion coupons for 24 hours or more as directed by PMC / Owner to check the effectiveness of the mitigation measures and ensuring that induced potential / current densities do not exceed the safe limits as mentioned in the relevant clauses in the tender	Each (EA)	1	4,500.00	4,500.00
GPR SURVEY						
105	SURVEY,GROUND PENETRATING RADAR(GPR)	GROUND PENETRATING RADAR (GPR) SURVEY	Meter (M)	1390	10.00	13,900.00
Estimate Contract Value (in Rs Cr; Excl. GST)						1,54,09,565.00