

 GUJARAT ENERGY		SCHEDULE OF RATES FOR ALTERATION / MODIFICATION SERVICES FOR DOMESTIC & COMMERCIAL CONNECTIONS					Doc. No.	MAT-F-11
							Rev. No.	1
							Eff. Date	05.12.2025
TENDER DESCRIPTION		ALTERATION / MODIFICATION SERVICES FOR DOMESTIC & COMMERCIAL CONNECTIONS <u>AT Surat Hazira GA</u>						
TENDER DURATION		2 Year						
GA / STATE		GEL/TS/PE-PNG/O&M/SOR/JUNE-26						
CLUSTER (if applicable)		Surat-Hazira GA						
DOCUMENT NO		GEL/TS/PE-PNG/SERVICE/ALTERATION/SOR/JUN-26	NUMBER OF CONTRACTORS REQUIRED				5	
Sr No.	SAP Code	DESCRIPTION OF WORK	UOM	Base Rate GUJ	Year 1	Year 2	Total Quantity	Total Value
Section A:		ALTERATION / MODIFICATION / ADDITIONAL POINT IN DOMESTIC AND COMMERCIAL CONNECTIONS (Contractor supplied materials rate to be paid as per Section-B)						
1		Alteration / Modification of Domestic and Commercial Connections (up to GEL boundary limit)						
1.1	103054	Installation / Refitting of 1/2" GI Pipe & GI Materials SOR Rate to be paid for either actual or minimum 3-meter length for services whichever is higher.	M	106.47	48,000.00	64,000.00	1,12,000.00	1,19,24,640.00
1.2	103055	Installation / Refitting of 1" GI Pipe & GI Materials SOR Rate to be paid for either actual or minimum 3-meter length for services whichever is higher.	M	115.83	3,000.00	3,500.00	6,500.00	7,52,895.00
1.3	103058	Dismantling of 1/2" GI Pipe, 1" GI Pipe, 12mm Cu Pipe SOR Rate to be paid for either actual or minimum 3 meter length for services whichever is higher.	M	31.59	9,000.00	12,000.00	21,000.00	6,63,390.00
1.4	103059	Dismantling of 1/2" GI Riser, 1" GI Riser SOR Rate to be paid for either actual or minimum 3-meter length for services whichever is higher.	M	43.29	1,000.00	1,500.00	2,500.00	1,08,225.00
1.5	101563	Installation of PVC Sleeve on GI Pipe with Insulation	M	78.39	2,200.00	2,480.00	4,680.00	3,66,865.20
1.6	101564	Installation of GI Pipeline Protection Clamp from door or window.	EA	78.39	175.00	8.00	183.00	14,345.37
1.7	103057	Installation of only Rubber Tube Clamp	EA	21.06	2,200.00	2,460.00	4,660.00	98,139.60
1.8	101575	Installation of 1/2" new GI Powder Coated Clamp	EA	21.06	50,000.00	70,000.00	1,20,000.00	25,27,200.00
1.9	101576	Installation of 1"new GI Powder Coated Clamp	EA	21.06	2,500.00	3,000.00	5,500.00	1,15,830.00
1.10	101577	Installation of Burner Jet	EA	52.65	6,000.00	8,000.00	14,000.00	7,37,100.00

1.11	101578	Drilling of Hole in Brick / plastering	EA	59.67	6,000.00	8,000.00	14,000.00	8,35,380.00
1.12	303560	Drilling of Hole in RCC or in any stone like Marble, Granite etc.	EA	298.35	2,000.00	3,000.00	5,000.00	14,91,750.00
2		Alteration / Modification of Island Kitchen						
2.1	303510	NEW ISLAND KITCHEN INSTALLATION IN EXISTING CONNECTION Supply and Installation of SS tube for Island Kitchen up to 3 running meter including installation of SS fittings, UPVC conduit pipe and consumables as per technical scope of work in tender document	EA	11,232.00	200.00	200.00	400.00	44,92,800.00
2.2	303511	NEW ISLAND KITCHEN INSTALLATION IN EXISTING CONNECTION Supply and Installation of SS tube for Island Kitchen over and above 3 running meter including installation of SS fittings, UPVC conduit pipe and consumables as per technical scope of work in tender document	M	1,158.30	240.00	240.00	480.00	5,55,984.00
2.3	303512	MODIFICATION / EXTENSION IN ISLAND KITCHEN Installation/Refitting of 1/2" SS tube for island kitchen installation including installation of SS fittings, Clamps & other consumables as applicable - SOR rate to be paid for either actual or minimum 3 m length whichever is higher.	M	105.30	200.00	200.00	400.00	42,120.00
2.4	303513	MODIFICATION / EXTENSION IN ISLAND KITCHEN Dismantling of SS tube 1/2" at Island kitchen - SOR rate to be paid for either actual or minimum 3 m length whichever is higher.	M	29.25	240.00	240.00	480.00	14,040.00
3		Modification of RCC Guard (Including Supply of sand filling and cementing)						
3.1	101581	Modification of RCC Guard with PE Squeezing	EA	278.46	500.00	600.00	1,100.00	3,06,306.00
3.2	101582	Modification of RCC Guard without PE Squeezing	EA	200.07	500.00	600.00	1,100.00	2,20,077.00
4		Conversion of Stove						
4.1	100385	Stove Conversion from LPG to PNG - Stove with two burners	EA	78.39	5,000.00	7,000.00	12,000.00	9,40,680.00
4.2	103060	Stove Conversion from LPG to PNG - Stove with more than two burners	EA	94.77	1,000.00	1,000.00	2,000.00	1,89,540.00
5		PE PIPELINE LAYING USING OPEN CUT METHOD (Maximum up to 50 Meter Length) Receiving, handling, loading, transportation and unloading including owner supplied PE pipes from owner's designated stock yards as well as contractor supplied materials like PE-100 Electro fusion Fittings, 20 mm PE pipes, Warning Mats, to Contractor's own stock-yards/ work-sites. Proper storing, stacking, identification, providing security, and insurance cover for the materials. Liasoning with Landowning agencies / statutory authorities, temporary restoration of the abandoned trial pits as required (excavation to depth as per specification) to original condition. barricading the work area as per the procedures & drawings provided in the tender and as per the directions of EIC / site-in charge. Trenching to the required depth in all types of terrain, uncoiling / stringing of pipes / dewatering / damping, jointing of the pipe ends/ fittings/ valves by qualified personnel, using bar coded electro fusion techniques as per specification. Rates includes excavation as per tender specification and all contractor supplied material i.e. EF Fitting, Warning tape etc. other than GEL free issue material as mentioned in tender document in all types of terrain excluding rocky terrain. Rate of Rock breaking / RCC breaking / PCC breaking shall be paid as per separate SOR. Supply of 20 mm PE pipe shall be paid extra by GEL as per material supply section and 20 mm EF fittings shall be included in the PE laying rates. Scope of contractor covers PE pipe Installation, flushing, testing & commissioning as per detail scope of work document.						
5.1	103022	Supply & Inst, Test, Com of 32 mm & 63mm OD	M	349.83	1,000.00	1,500.00	2,500.00	8,74,575.00
5.2	103023	Supply & Inst, Test, Com of 20 mm OD	M	311.22	8,000.00	12,000.00	20,000.00	62,24,400.00
6		PIPELINE LAYING USING MANUAL BORING METHOD						
6.1	100763	Trenchless crossing for any pipe diameter - Manual Boring normal soil	M	704.34	300.00	500.00	800.00	5,63,472.00
7		Replacement of equipment/fittings.						

7.1	303596	Replacement/Installation of Rubber Tube and/or Gas tap, including installation of hose clamps. Rate is not applicable for replacements done during AMC (Material cost to be paid to contractor as per relevant SOR)	EA	67.86	6,000.00	8,000.00	14,000.00	9,50,040.00
7.2	303597	Replacement/installation of GEL issued Domestic, Commercial & Industrial Regulator, PD Meter, Isolation valve, Adapter seal (Contractor supplied materials rate to be paid as per Section B)	EA	156.78	112.00	112.00	224.00	35,118.72
7.3	103049	Replacement of Contractor supplied transition fittings or RCC guard or both (Contractor supplied materials rate to be paid as per Section B)	EA	209.43	4,500.00	5,500.00	10,000.00	20,94,300.00
7.4	103050	Replacement of Industrial / Commercial Meter - All type of meters except PD meter (Contractor supplied materials rate to be paid as per Section B)	EA	312.39	34.00	34.30	68.30	21,336.24
7.5	103750	Replacement of corrugated Flexible SS Metal Hose Assembly (Anaconda) (Contractor supplied materials rate to be paid as per Section B)	EA	573.30	230.00	230.00	460.00	2,63,718.00
8		General Civil work						
8.1	302640	Excavation work in any soil	M3	321.75	1.00	1.00	2.00	643.50
8.2	103063	Supply and Laying: PCC 1:4:8 (M15) (Section B rates are not applicable)	M3	5,145.66	1.00	1.00	2.00	10,291.32
8.3	103064	Supply and Laying: RCC 1:1.5:3 (M20) including steel reinforcement, shuttering and souring (Section B rates are not applicable)	M3	9,785.88	1.00	1.00	2.00	19,571.76
8.4	103065	Supply and Construction: Brick work including In-side / Out-side plaster work (Section B rates are not applicable)	M3	7,318.35	1.00	1.00	2.00	14,636.70
8.5	906831	Breaking of Brick masonry	M3	1,270.62	1.00	1.00	2.00	2,541.24
8.6	302651	Breaking of PCC	M3	1,450.80	1.00	1.00	2.00	2,901.60
8.7	906830	Breaking of RCC	M3	3,425.76	1.00	1.00	2.00	6,851.52
8.8	101076	Breaking of Rock	M3	1,914.12	1.00	1.00	2.00	3,828.24
8.9	302733	Removal & Re-fixing of Existing Paver Blocks (Sand Bed)	M2	1,064.70	1.00	1.00	2.00	2,129.40
9		MISCELLANEOUS ACTIVITIES (Contractor supplied materials rate to be paid as per Section B)						
9.1	302668	S&I RCC Half Round	EA	320.58	1.00	1.00	2.00	641.16
9.2	302669	S&I RCC Hume Pipe, 6" Diameter and 2 Meter Length	EA	872.82	1.00	1.00	2.00	1,745.64
Section B:		SUPPLY OF MATERIALS						
10		Supply of 20mm OD, SDR 9, PE pipes						
10.1	101422	Supply of PE 100, 20 mm OD PE pipe x SDR 9	M	50.37	8,000.00	12,000.00	20,000.00	10,07,370.00
11		Supply of Powder coated GI pipes and others						
11.1	101421	Supply of 1/2" GI Pipe	M	130.97	58,000.00	74,000.00	1,32,000.00	1,72,87,588.89
11.2	101423	Supply of 1" GI Pipe	M	294.84	5,800.00	7,400.00	13,200.00	38,91,888.00
11.3	101424	Supply of 1/2"GI Powder Coated Clamp with screw	EA	14.38	70,000.00	90,000.00	1,60,000.00	23,01,436.80
11.4	101425	Supply of 1"GI Powder Coated Clamp with screw	EA	19.66	2,700.00	2,970.00	5,670.00	1,11,449.52
11.5	101427	Supply of Rubber Tube Clamp	EA	6.14	40,000.00	60,000.00	1,00,000.00	6,14,250.00
11.6	101428	Supply of Burner Jet 125 - 110	EA	6.14	15,000.00	21,000.00	36,000.00	2,21,130.00
11.7	101429	Supply of domestic meter / regulator O Ring/Union O-ring/Audco O-ring	EA	6.76	12,000.00	16,000.00	28,000.00	1,89,189.00
11.8	101430	Supply of commercial meter / regulator O Ring	EA	15.04	2,300.00	2,530.00	4,830.00	72,647.72

11.9	302670	Supply of PE Sleeve for wall crossing	M	39.31	2,200.00	2,420.00	4,620.00	1,81,621.44
12		Supply of TF, RCC Guard, Warning tape and Marker						
12.1	101433	Supply of Transition Fitting 1/2" GI	EA	210.07	3,000.00	4,000.00	7,000.00	14,70,514.50
12.2	101434	Supply of Transition Fitting 1" GI	EA	421.38	350.00	350.00	700.00	2,94,962.85
12.3	101435	Supply of RCC Guard	EA	175.68	2,000.00	2,000.00	4,000.00	7,02,702.00
12.4	101440	Supply of Warning Tapes	M	11.67	6,000.00	8,000.00	14,000.00	1,63,390.50
13		Supply of PE Electrofusion fittings						
13.1	101452	Supply of Reducer 125 x 90 mm	EA	1,532.55	67.00	67.00	134.00	2,05,362.20
13.2	101453	Supply of Reducer 125 x 63 mm	EA	1,360.56	22.00	22.00	44.00	59,864.81
13.3	101454	Supply of Reducer 90 X 63 mm	EA	921.38	80.00	80.00	160.00	1,47,420.00
13.4	101455	Supply of Reducer 63 X 32 mm	EA	213.76	31.00	31.00	62.00	13,253.06
13.5	101456	Supply of Reducer 32 X 20 mm	EA	86.00	128.00	128.00	256.00	22,014.72
13.6	101458	Supply of Coupler 20 mm	EA	58.97	6,000.00	8,000.00	14,000.00	8,25,552.00
13.7	101459	Supply of Coupler 125 mm	EA	476.66	200.00	300.00	500.00	2,38,329.00
13.8	101461	Supply of Coupler 90 mm	EA	323.10	200.00	300.00	500.00	1,61,547.75
13.9	101462	Supply of Coupler 63 mm	EA	154.18	200.00	300.00	500.00	77,088.38
13.10	101463	Supply of Coupler 32 mm	EA	75.55	1,500.00	2,000.00	3,500.00	2,64,434.63
13.11	101469	Supply of Tee 32 mm	EA	226.66	51.00	51.00	102.00	23,119.14
13.12	101470	Supply of Tee 20 mm	EA	226.04	130.00	130.00	260.00	58,771.44
13.13	101475	Supply of End Cap 63 mm	EA	294.23	91.00	91.00	182.00	53,549.09
13.14	101476	Supply of End Cap 32 mm	EA	136.36	216.00	216.00	432.00	58,909.03
13.15	101477	Supply of End Cap 20 mm	EA	119.16	1,000.00	1,200.00	2,200.00	2,62,161.90
13.16	101479	Supply of Saddle 125 x 90 mm	EA	2,432.43	20.00	25.00	45.00	1,09,459.35
13.17	101480	Supply of Saddle 125 x 63 mm	EA	2,974.81	20.00	25.00	45.00	1,33,866.57
13.18	101481	Supply of Saddle 125 x 32 mm	EA	583.54	20.00	25.00	45.00	26,259.19
13.19	101482	Supply of Saddle 90 x 63 mm	EA	2,902.33	20.00	25.00	45.00	1,30,604.91
13.20	101483	Supply of Saddle 90 x 32 mm	EA	571.25	60.00	80.00	140.00	79,975.35
13.21	101484	Supply of Saddle 90 x 20 mm	EA	515.97	100.00	150.00	250.00	1,28,992.50
13.22	101485	Supply of Saddle 63 x 32 mm	EA	551.60	60.00	80.00	140.00	77,223.51
13.23	101486	Supply of Saddle 32 x 20 mm	EA	371.62	1,800.00	2,400.00	4,200.00	15,60,809.25
13.24	101487	Supply of Saddle 63 X 20 mm	EA	512.90	30.00	50.00	80.00	41,031.90
13.25	101492	Supply of Elbow (90°) 63 mm	EA	418.92	60.00	80.00	140.00	58,648.59
13.26	101493	Supply of Elbow (90°) 32 mm	EA	222.36	80.00	80.00	160.00	35,577.36
13.27	303474	Supply of TRANSITION FITTING,6"X160MM- 6" NB (Butt Weld End) X 160 MM PE 100, SDR-17.6	EA	13,338.00	1.00	1.00	2.00	26,676.00
13.28	303475	Supply of TRANSITION FITTING,4"X125MM- 4" NB (Butt Weld End) X 125 MM PE 100, SDR-17.6	EA	11,449.62	1.00	1.00	2.00	22,899.24
13.29	303476	Supply of TRANSITION FITTING,3"X90MM- 3" NB (Butt Weld End) X 90 MM PE 100, SDR-17.6	EA	8,157.24	1.00	1.00	2.00	16,314.48
13.30	303477	Supply of TRANSITION FITTING,2"X63MM- 2" NB (Butt Weld End) X 63 MM PE 100, SDR-11	EA	3,157.25	1.00	1.00	2.00	6,314.49

13.31	303478	Supply of TRANSITION FITTING,1"X32MM- 1" NB (But Weld End) X 32 MM PE 100, SDR-11	EA	2,291.15	1.00	1.00	2.00	4,582.31
14		Supply of GI Fitting, Power Coated, -IS 1879						
14.1	101494	GI Fittings of 1/2" Elbow	EA	25.56	31,200.00	39,600.00	70,800.00	18,09,521.36
14.2	101495	GI Fittings of 1" Elbow	EA	73.00	2,000.00	3,000.00	5,000.00	3,64,987.35
14.3	101496	GI Fittings of 1/2" Hex Nipple	EA	27.73	1,230.00	1,230.00	2,460.00	68,219.10
14.4	101497	GI Fittings of 1" Hex Nipple	EA	47.15	175.00	175.00	350.00	16,503.87
14.5	101498	GI Fittings of 1/2" NB Nipple 2"	EA	13.57	4,560.00	4,560.00	9,120.00	1,23,758.86
14.6	101499	GI Fittings of 1/2" NB Nipple 3" -M	EA	17.66	3,830.00	3,830.00	7,660.00	1,35,297.85
14.7	101500	GI Fittings of 1/2" NB Nipple 4" -M	EA	21.43	6,960.00	6,960.00	13,920.00	2,98,326.13
14.8	101501	GI Fittings of 1/2" NB Nipple 6" -M	EA	31.62	1,450.00	1,450.00	2,900.00	91,700.07
14.9	101502	GI Fittings of 1" NB Nipple 2" -M	EA	31.43	165.00	165.00	330.00	10,370.26
14.10	101503	GI Fittings of 1" NB Nipple 3" -M	EA	42.51	125.00	125.00	250.00	10,626.53
14.11	101504	GI Fittings of 1" NB Nipple 4" -M	EA	55.28	125.00	125.00	250.00	13,820.63
14.12	101505	GI Fittings of 1" NB Nipple 6" -M	EA	65.19	125.00	125.00	250.00	16,298.10
14.13	101506	GI Fittings of 1/2" Coupling-M	EA	23.60	26,000.00	33,000.00	59,000.00	13,92,473.16
14.14	101507	GI Fittings of 1" Coupling-M	EA	55.08	205.00	205.00	410.00	22,581.88
14.15	101508	GI Fittings of 1/2" Plug-M (or Cap)	EA	24.16	2,900.00	2,900.00	5,800.00	1,40,130.90
14.16	101509	GI Fittings of 1" Plug-M (or Cap)	EA	38.35	245.00	245.00	490.00	18,789.74
14.17	101510	GI Fittings of 1/2" hollow hex Plug	EA	25.45	2,200.00	2,200.00	4,400.00	1,11,969.00
14.18	101511	GI Fittings of 1/2" Union-M	EA	87.35	335.00	335.00	670.00	58,522.05
14.19	101512	GI fittings 1" Union	EA	150.37	75.00	75.00	150.00	22,555.26
14.20	101513	GI Fittings of 1.0 " x 1/2" Reducer	EA	60.61	255.00	255.00	510.00	30,909.06
14.21	101514	GI Fittings of 1" x 1/2" Tee-M	EA	103.96	255.00	255.00	510.00	53,017.39
14.22	101515	GI Fittings of 1/2" Tee-M	EA	41.51	26,000.00	33,000.00	59,000.00	24,49,149.89
14.23	101516	GI Fittings of 1" Tee-M	EA	98.50	310.00	445.00	755.00	74,368.35
14.24	101517	Supply of 3/4" x 1/2" Bush-M	EA	71.39	4,000.00	4,000.00	8,000.00	5,71,135.50
14.25	101518	Supply of 3/4" x 1" Bush-M	EA	78.88	400.00	400.00	800.00	63,105.59
14.26	101519	Supply of Meter Adaptor-Brass for Dom. Meter (with NRV) (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	153.29	12,000.00	16,000.00	28,000.00	42,92,242.50
14.27	103751	Supply of Meter Adaptor- Brass for G-2.5 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	153.29	310.00	310.00	620.00	95,042.51
14.28	101520	Supply of Meter Adaptor- Brass for G-6 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	511.55	220.00	220.00	440.00	2,25,083.43
14.29	101521	Supply of Meter Adaptor- Brass for G-10 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	932.38	175.00	175.00	350.00	3,26,333.11
14.30	101522	Supply of Meter Adaptor- Brass for G-16 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	932.38	114.00	114.00	228.00	2,12,582.71

14.31	101523	Supply of Meter Adaptor- Brass for G-25 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adopters)	EA	1,196.11	114.00	114.00	228.00	2,72,712.08
14.32	101524	Supply of domestic Regulator Inlet Adaptor-Brass (SOR is for individual adaptor not for SET)	EA	153.29	2,000.00	3,000.00	5,000.00	7,66,471.88
15		Supply of Additional Material						
15.1	303482	Supply of ANACONDA	EA	351.00	1.00	1.00	2.00	702.00
15.2	303483	Supply of Blind Adaptor-red plug for disconnection	EA	54.99	1.00	1.00	2.00	109.98
15.3	303484	Supply of Brass appliance valve for Size-1/2"	EA	136.89	18,000.00	24,000.00	42,000.00	57,49,380.00
15.4	303485	Supply of Brass isolation valve for Size-1/2"	EA	162.63	3,000.00	4,000.00	7,000.00	11,38,410.00
15.5	303486	Supply of Brass isolation valve for Size-1"	EA	379.08	100.00	150.00	250.00	94,770.00
15.6	300659	Supply of Tube, SS316,1/2"OD	M	1,134.90	300.00	300.00	600.00	6,80,940.00
15.7	303514	Supply of Pipe, UPVC, 1" with rubber end seals	M	149.76	300.00	300.00	600.00	89,856.00
15.8	303515	Supply of Tube, Connector,1/2"OD X 1/2"BSPT MALE	EA	2,925.00	150.00	150.00	300.00	8,77,500.00
15.9	303516	Supply of Tube, Connector,1/2"OD X 1/2"BSPT FEMALE	EA	3,510.00	150.00	150.00	300.00	10,53,000.00
15.10	300666	Supply of Tube, Union, SS316,1/2" OD	EA	4,095.00	150.00	150.00	300.00	12,28,500.00
15.11	303517	Supply of Anti corrosive tape	M	35.10	910.00	910.00	1,820.00	63,882.00
15.12	600794	Supply of PVC Clamp, SS TUBE	EA	23.40	455.00	455.00	910.00	21,294.00
		Sub-Total: Section A						3,74,90,049
		Sub-Total: Section B						5,85,97,703
		Total Basic Amount in Rs. (Section A + B)						9,60,87,753
		Amount in RS Cr						9.61
Note								
1	The SOR Items would be opera table as per job requirement and quantities may vary on ± sides.							
2	The scope as mentioned in the above SOR is of indicative nature only and shall include all activities as detailed in the relevant Clauses of the Tender Document.							
3	Bidder shall note that the quantities mentioned against each activity in Schedule of Rates are tentative only. These quantities subject to change based on actual requirement							

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								Eff. Date	05.12.2025
TENDER DESCRIPTION		ALTERATION / MODIFICATION SERVICES FOR DOMESTIC & COMMERCIAL CONNECTIONS							
TENDER DURATION		2 Years							
GA/STATE		Navsari GA							
CLUSTER (if applicable)		All Clusters of Navsari GA							
DOCUMENT NO		GEL/TS/PE-PNG/SERVICE/ALTERATION/SOR/NVS/JUN-26/01	NUMBER OF CONTRACTORS REQUIRED					2	
Sr No.	SAP Code	DESCRIPTION OF WORK	UOM	Base Rate GUJ	Year 1	Year 2	Total Quantity	Total Value	
Section A:		ALTERATION / MODIFICATION / ADDITIONAL POINT IN DOMESTIC AND COMMERCIAL CONNECTIONS (Contractor supplied materials rate to be paid as per Section-B)							

1		Alteration / Modification of Domestic and Commercial Connections (up to GEL boundary limit)						
1.1	103054	Installation / Refitting of 1/2" GI Pipe & GI Materials SOR Rate to be paid for either actual or minimum 3 meter length for services whichever is higher.	M	106.47	20,000.00	21,000.00	41,000.00	43,65,270.00
1.2	103055	Installation / Refitting of 1" GI Pipe & GI Materials SOR Rate to be paid for either actual or minimum 3 meter length for services whichever is higher.	M	115.83	150.00	180.00	330.00	38,223.90
1.3	103058	Dismantling of 1/2" GI Pipe, 1" GI Pipe, 12mm Cu Pipe SOR Rate to be paid for either actual or minimum 3 meter length for services whichever is higher.	M	31.59	10,000.00	12,000.00	22,000.00	6,94,980.00
1.4	103059	Dismantling of 1/2" GI Riser, 1" GI Riser SOR Rate to be paid for either actual or minimum 3 meter length for services whichever is higher.	M	43.29	400.00	500.00	900.00	38,961.00
1.5	101563	Installation of PVC Sleeve on GI Pipe with Insulation	M	78.39	850.00	900.00	1,750.00	1,37,182.50
1.6	101564	Installation of GI Pipeline Protection Clamp from door or window.	EA	78.39	15.00	20.00	35.00	2,743.65
1.7	103057	Installation of only Rubber Tube Clamp	EA	21.06	1,700.00	2,000.00	3,700.00	77,922.00
1.8	101575	Installation of 1/2" new GI Powder Coated Clamp	EA	21.06	33,000.00	35,000.00	68,000.00	14,32,080.00
1.9	101576	Installation of 1"new GI Powder Coated Clamp	EA	21.06	380.00	450.00	830.00	17,479.80
1.10	101577	Installation of Burner Jet	EA	52.65	500.00	600.00	1,100.00	57,915.00
1.11	101578	Drilling of Hole in Brick / plastering	EA	59.67	1,500.00	1,700.00	3,200.00	1,90,944.00
1.12	303560	Drilling of Hole in RCC Or in any stone like Marble, Granite etc.	EA	298.35	100.00	120.00	220.00	65,637.00
2		Alteration / Modification of Island Kitchen						
2.1	303510	NEW ISLAND KITCHEN INSTALLATION IN EXISTING CONNECTION Supply and Installation of SS tube for Island Kitchen up to 3 running meter including installation of SS fittings, UPVC conduit pipe and consumables as per technical scope of work in tender document	EA	11,232.00	15.00	15.00	30.00	3,36,960.00

2.2	303511	NEW ISLAND KITCHEN INSTALLATION IN EXISTING CONNECTION Supply and Installation of SS tube for Island Kitchen over and above 3 running meter including installation of SS fittings, UPVC conduit pipe and consumables as per technical scope of work in tender document	M	1,158.30	30.00	30.00	60.00	69,498.00
2.3	303512	MODIFICATION / EXTENSION IN ISLAND KITCHEN Installation/Refitting of 1/2" SS tube for island kitchen installation including installation of SS fittings, Clamps & other consumables as applicable - SOR rate to be paid for either actual or minimum 3 m length whichever is higher.	M	105.30	10.00	10.00	20.00	2,106.00
2.4	303513	MODIFICATION / EXTENSION IN ISLAND KITCHEN Dismantling of SS tube 1/2" at Island kitchen - SOR rate to be paid for either actual or minimum 3 m length whichever is higher.	M	29.25	1.00	1.00	2.00	58.50
3		Modification of RCC Guard (Including Supply of sand filling and cementing)						
3.1	101581	Modification of RCC Guard with PE Squeezing	EA	278.46	400.00	450.00	850.00	2,36,691.00
3.2	101582	Modification of RCC Guard without PE Squeezing	EA	200.07	650.00	700.00	1,350.00	2,70,094.50
4		Conversion of Stove						
4.1	100385	Stove Conversion from LPG to PNG - Stove with two burners	EA	78.39	300.00	400.00	700.00	54,873.00
4.2	103060	Stove Conversion from LPG to PNG - Stove with more than two burner	EA	94.77	250.00	350.00	600.00	56,862.00

5		PE PIPELINE LAYING USING OPEN CUT METHOD (Maximum up to 50 Meter Length) Receiving, handling, loading, transportation and unloading including owner supplied PE pipes from owner's designated stock yards as well as contractor supplied materials like PE-100 Electro fusion Fittings, 20 mm PE pipes , Warning Mats, to Contractor's own stock-yards/ work-sites. Proper storing, stacking, identification, providing security, and insurance cover for the materials. Liasoning with Landowning agencies / statutory authorities, temporary restoration of the abandoned trial pits as required (excavation to depth as per specification) to original condition. barricading the work area as per the procedures & drawings provided in the tender and as per the directions of EIC / site-in charge. Trenching to the required depth in all types of terrain, uncoiling / stringing of pipes / dewatering / damping, jointing of the pipe ends/ fittings/ valves by qualified personnel, using bar coded electro fusion techniques as per specification. Rates includes excavation as per tender specification and all contractor supplied material i.e. EF Fitting, Warning tape etc. other than GEL free issue material as mentioned in tender document in all types of terrain excluding rocky terrain. Rate of Rock breaking / RCC breaking / PCC breaking shall be paid as per separate SOR. Supply of 20 mm PE pipe shall be paid extra by GEL as per material supply section and 20 mm EF fittings shall be included in the PE laying rates. Scope of contractor covers PE pipe Installation, flushing, testing & commissioning as per detail scope of work document.							
	5.1	103022	Supply & Inst, Test, Com of 32 mm & 63mm OD	M	349.83	250.00	300.00	550.00	1,92,406.50
	5.2	103023	Supply & Inst, Test, Com of 20 mm OD	M	311.22	4,300.00	4,500.00	8,800.00	27,38,736.00

6		PIPELINE LAYING USING MANUAL BORING METHOD						
6.1	100763	Trenchless crossing for any pipe diameter - Manual Boring normal soil	M	704.34	800.00	950.00	1,750.00	12,32,595.00
7		Replacement of equipment/fittings.						
7.1	303596	Replacement/Installation of Rubber Tube and/or Gas tap , including installation of hose clamps. Rate is not applicable for replacements done during AMC (Material cost to be paid to contractor as per relevant SOR)	EA	67.86	1,200.00	1,400.00	2,600.00	1,76,436.00
7.2	303597	Replacement/installation of GEL issued Domestic, Commercial & Industrial Regulator, PD Meter, Isolation valve, Adapter seal (Contractor supplied materials rate to be paid as per Section B)	EA	156.78	800.00	850.00	1,650.00	2,58,687.00
7.3	103049	Replacement of Contractor supplied transition fittings or RCC guard or both (Contractor supplied materials rate to be paid as per Section B)	EA	209.43	900.00	950.00	1,850.00	3,87,445.50
7.4	103050	Replacement of Industrial / Commercial Meter - All type of meters except PD meter (Contractor supplied materials rate to be paid as per Section B)	EA	312.39	2.00	2.00	4.00	1,249.56
7.5	103750	Replacement of corrugated Flexible SS Metal Hose Assembly (Anaconda) (Contractor supplied materials rate to be paid as per Section B)	EA	573.30	2.00	2.00	4.00	2,293.20
8		General Civil work						
8.1	302640	Excavation work in any soil	M3	321.75	200.00	200.00	400.00	1,28,700.00
8.2	103063	Supply and Laying : PCC 1:4:8 (M15) (Section B rates are not applicable)	M3	5,145.66	5.00	10.00	15.00	77,184.90
8.3	103064	Supply and Laying : RCC 1:1.5:3 (M20) including steel reinforcement, shuttering and sourcing (Section B rates are not applicable)	M3	9,785.88	5.00	10.00	15.00	1,46,788.20
8.4	103065	Supply and Construction : Brick work including In-side / Out-side plaster work (Section B rates are not applicable)	M3	7,318.35	1.00	1.00	2.00	14,636.70

8.5	906831	Breaking of Brick masonry	M3	1,270.62	10.00	10.00	20.00	25,412.40
8.6	302651	Breaking of PCC	M3	1,450.80	40.00	40.00	80.00	1,16,064.00
8.7	906830	Breaking of RCC	M3	3,425.76	40.00	40.00	80.00	2,74,060.80
8.8	101076	Breaking of Rock	M3	1,914.12	50.00	50.00	100.00	1,91,412.00
8.9	302733	Removal & Re-fixing of Existing Paver Blocks (Sand Bed)	M2	1,064.70	80.00	100.00	180.00	1,91,646.00
9		MISCELLANEOUS ACTIVITIES (Contractor supplied materials rate to be paid as per Section B)						
9.1	302668	S&I RCC Half Round	EA	320.58	70.00	90.00	160.00	51,292.80
9.2	302669	S&I RCC Hume Pipe, 6" Diameter and 2 Meter Length	EA	872.82	30.00	50.00	80.00	69,825.60
Section B:		SUPPLY OF MATERIALS						
10		Supply of 20mm OD, SDR 9, PE pipes						
10.1	101422	Supply of PE 100, 20 mm OD PE pipe x SDR 9	M	50.37	500.00	500.00	1,000.00	50,368.50
11		Supply of Powder coated GI pipes and others						
11.1	101421	Supply of 1/2" GI Pipe	M	130.97	11,000.00	12,000.00	23,000.00	30,12,231.40
11.2	101423	Supply of 1" GI Pipe	M	294.84	200.00	250.00	450.00	1,32,678.00
11.3	101424	Supply of 1/2"GI Powder Coated Clamp with screw	EA	14.38	33,000.00	35,000.00	68,000.00	9,78,110.64
11.4	101425	Supply of 1"GI Powder Coated Clamp with screw	EA	19.66	380.00	450.00	830.00	16,314.48
11.5	101427	Supply of Rubber Tube Clamp	EA	6.14	2,100.00	2,200.00	4,300.00	26,412.75
11.6	101428	Supply of Burner Jet 125 - 110	EA	6.14	400.00	500.00	900.00	5,528.25
11.7	101429	Supply of domestic meter / regulator O Ring/Union O-ring/Audco O-ring	EA	6.76	500.00	600.00	1,100.00	7,432.43
11.8	101430	Supply of commercial meter / regulator O Ring	EA	15.04	350.00	450.00	800.00	12,032.75
11.9	302670	Supply of PE Sleeve for wall crossing	M	39.31	1,000.00	1,200.00	2,200.00	86,486.40
12		Supply of TF, RCC Guard, Warning tape and Marker						
12.1	101433	Supply of Transition Fitting 1/2" GI	EA	210.07	650.00	750.00	1,400.00	2,94,102.90

12.2	101434	Supply of Transition Fitting 1" GI	EA	421.38	40.00	55.00	95.00	40,030.67
12.3	101435	Supply of RCC Guard	EA	175.68	800.00	850.00	1,650.00	2,89,864.58
12.4	101440	Supply of Warning Tapes	M	11.67	4,700.00	5,800.00	10,500.00	1,22,542.88
13		Supply of PE Electrofusion fittings						
13.1	101452	Supply of Reducer 125 x 90 mm	EA	1,532.55	1.00	1.00	2.00	3,065.11
13.2	101453	Supply of Reducer 125 x 63 mm	EA	1,360.56	1.00	1.00	2.00	2,721.13
13.3	101454	Supply of Reducer 90 X 63 mm	EA	921.38	1.00	1.00	2.00	1,842.75
13.4	101455	Supply of Reducer 63 X 32 mm	EA	213.76	1.00	1.00	2.00	427.52
13.5	101456	Supply of Reducer 32 X 20 mm	EA	86.00	25.00	30.00	55.00	4,729.73
13.6	101458	Supply of Coupler 20 mm	EA	58.97	1,000.00	1,100.00	2,100.00	1,23,832.80
13.7	101459	Supply of Coupler 125 mm	EA	476.66	1.00	1.00	2.00	953.32
13.8	101461	Supply of Coupler 90 mm	EA	323.10	1.00	1.00	2.00	646.19
13.9	101462	Supply of Coupler 63 mm	EA	154.18	1.00	1.00	2.00	308.35
13.10	101463	Supply of Coupler 32 mm	EA	75.55	20.00	30.00	50.00	3,777.64
13.11	101469	Supply of Tee 32 mm	EA	226.66	20.00	30.00	50.00	11,332.91
13.12	101470	Supply of Tee 20 mm	EA	226.04	100.00	150.00	250.00	56,511.00
13.13	101475	Supply of End Cap 63 mm	EA	294.23	1.00	1.00	2.00	588.45
13.14	101476	Supply of End Cap 32 mm	EA	136.36	100.00	100.00	200.00	27,272.70
13.15	101477	Supply of End Cap 20 mm	EA	119.16	500.00	550.00	1,050.00	1,25,122.73
13.16	101479	Supply of Saddle 125 x 90 mm	EA	2,432.43	1.00	1.00	2.00	4,864.86
13.17	101480	Supply of Saddle 125 x 63 mm	EA	2,974.81	1.00	1.00	2.00	5,949.63
13.18	101481	Supply of Saddle 125 x 32 mm	EA	583.54	1.00	1.00	2.00	1,167.08
13.19	101482	Supply of Saddle 90 x 63 mm	EA	2,902.33	1.00	1.00	2.00	5,804.66
13.20	101483	Supply of Saddle 90 x 32 mm	EA	571.25	1.00	1.00	2.00	1,142.51
13.21	101484	Supply of Saddle 90 x 20 mm	EA	515.97	1.00	1.00	2.00	1,031.94
13.22	101485	Supply of Saddle 63 x 32 mm	EA	551.60	20.00	25.00	45.00	24,821.84

13.23	101486	Supply of Saddle 32 x 20 mm	EA	371.62	200.00	250.00	450.00	1,67,229.56
13.24	101487	Supply of Saddle 63 X 20 mm	EA	512.90	40.00	40.00	80.00	41,031.90
13.25	101492	Supply of Elbow (90°) 63 mm	EA	418.92	1.00	1.00	2.00	837.84
13.26	101493	Supply of Elbow (90°) 32 mm	EA	222.36	1.00	1.00	2.00	444.72
13.27	303474	Supply of TRANSITION FITTING,6"X160MM- 6" NB (Butt Weld End) X 160 MM PE 100, SDR-17.6	EA	13,338.00	1.00	1.00	2.00	26,676.00
13.28	303475	Supply of TRANSITION FITTING,4"X125MM- 4" NB (Butt Weld End) X 125 MM PE 100, SDR-17.6	EA	11,449.62	1.00	1.00	2.00	22,899.24
13.29	303476	Supply of TRANSITION FITTING,3"X90MM- 3" NB (Butt Weld End) X 90 MM PE 100, SDR-17.6	EA	8,157.24	1.00	1.00	2.00	16,314.48
13.30	303477	Supply of TRANSITION FITTING,2"X63MM- 2" NB (Butt Weld End) X 63 MM PE 100, SDR-11	EA	3,157.25	1.00	1.00	2.00	6,314.49
13.31	303478	Supply of TRANSITION FITTING,1"X32MM- 1" NB (Butt Weld End) X 32 MM PE 100, SDR-11	EA	2,291.15	1.00	1.00	2.00	4,582.31
14		Supply of GI Fitting, Power Coated, -IS 1879						
14.1	101494	GI Fittings of 1/2" Elbow	EA	25.56	4,300.00	4,300.00	8,600.00	2,19,800.62
14.2	101495	GI Fittings of 1" Elbow	EA	73.00	250.00	350.00	600.00	43,798.48
14.3	101496	GI Fittings of 1/2" Hex Nipple	EA	27.73	50.00	60.00	110.00	3,050.45
14.4	101497	GI Fittings of 1" Hex Nipple	EA	47.15	10.00	15.00	25.00	1,178.85
14.5	101498	GI Fittings of 1/2" NB Nipple 2"	EA	13.57	150.00	200.00	350.00	4,749.52
14.6	101499	GI Fittings of 1/2" NB Nipple 3" -M	EA	17.66	1,000.00	1,100.00	2,100.00	37,092.10
14.7	101500	GI Fittings of 1/2" NB Nipple 4" -M	EA	21.43	2,000.00	2,100.00	4,100.00	87,869.05
14.8	101501	GI Fittings of 1/2" NB Nipple 6" -M	EA	31.62	1,400.00	1,500.00	2,900.00	91,700.07
14.9	101502	GI Fittings of 1" NB Nipple 2" -M	EA	31.43	15.00	25.00	40.00	1,257.00
14.10	101503	GI Fittings of 1" NB Nipple 3" -M	EA	42.51	40.00	50.00	90.00	3,825.55
14.11	101504	GI Fittings of 1" NB Nipple 4" -M	EA	55.28	40.00	50.00	90.00	4,975.43
14.12	101505	GI Fittings of 1" NB Nipple 6" -M	EA	65.19	50.00	60.00	110.00	7,171.16
14.13	101506	GI Fittings of 1/2" Coupling-M	EA	23.60	1,800.00	1,900.00	3,700.00	87,324.59

14.14	101507	GI Fittings of 1" Coupling-M	EA	55.08	200.00	300.00	500.00	27,538.88
14.15	101508	GI Fittings of 1/2" Plug-M (or Cap)	EA	24.16	200.00	300.00	500.00	12,080.25
14.16	101509	GI Fittings of 1" Plug-M (or Cap)	EA	38.35	150.00	250.00	400.00	15,338.56
14.17	101510	GI Fittings of 1/2" hollow hex Plug	EA	25.45	150.00	200.00	350.00	8,906.63
14.18	101511	GI Fittings of 1/2" Union-M	EA	87.35	40.00	60.00	100.00	8,734.64
14.19	101512	GI fittings 1" Union	EA	150.37	15.00	20.00	35.00	5,262.89
14.20	101513	GI Fittings of 1.0 " x 1/2" Reducer	EA	60.61	20.00	30.00	50.00	3,030.30
14.21	101514	GI Fittings of 1" x 1/2" Tee-M	EA	103.96	20.00	30.00	50.00	5,197.78
14.22	101515	GI Fittings of 1/2" Tee-M	EA	41.51	1,000.00	1,100.00	2,100.00	87,173.13
14.23	101516	GI Fittings of 1" Tee-M	EA	98.50	80.00	100.00	180.00	17,730.20
14.24	101517	Supply of 3/4" x 1/2" Bush-M	EA	71.39	250.00	250.00	500.00	35,695.97
14.25	101518	Supply of 3/4" x 1" Bush-M	EA	78.88	100.00	120.00	220.00	17,354.04
14.26	101519	Supply of Meter Adaptor-Brass for Dom. Meter (with NRV) (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	153.29	200.00	250.00	450.00	68,982.47
14.27	103751	Supply of Meter Adaptor- Brass for G-2.5 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	153.29	1.00	1.00	2.00	306.59
14.28	101520	Supply of Meter Adaptor- Brass for G-6 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	511.55	5.00	5.00	10.00	5,115.53
14.29	101521	Supply of Meter Adaptor- Brass for G-10 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	932.38	5.00	5.00	10.00	9,323.80
14.30	101522	Supply of Meter Adaptor- Brass for G-16 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	932.38	2.00	3.00	5.00	4,661.90
14.31	101523	Supply of Meter Adaptor- Brass for G-25 Meter (SOR is for individual adaptor not for SET of Inlet and outlet adapters)	EA	1,196.11	1.00	2.00	3.00	3,588.32

14.32	101524	Supply of domestic Regulator Inlet Adaptor-Brass (SOR is for individual adaptor not for SET)	EA	153.29	200.00	250.00	450.00	68,982.47
15		Supply of Additional Material						
15.1	303482	Supply of ANACONDA	EA	351.00	1.00	1.00	2.00	702.00
15.2	303483	Supply of Blind Adaptor-red plug for disconnection	EA	54.99	100.00	100.00	200.00	10,998.00
15.3	303484	Supply of Brass appliance valve for Size-1/2"	EA	136.89	1.00	1.00	2.00	273.78
15.4	303485	Supply of Brass isolation valve for Size-1/2"	EA	162.63	1.00	1.00	2.00	325.26
15.5	303486	Supply of Brass isolation valve for Size-1"	EA	379.08	1.00	1.00	2.00	758.16
15.6	300659	Supply of Tube,SS316,1/2"OD	M	1,134.90	50.00	50.00	100.00	1,13,490.00
15.7	303514	Supply of Pipe, UPVC, 1" with rubber end seals	M	149.76	1.00	1.00	2.00	299.52
15.8	303515	Supply of Tube,Connector,1/2"OD X 1/2"BSPT MALE	EA	2,925.00	1.00	1.00	2.00	5,850.00
15.9	303516	Supply of Tube,Connector,1/2"OD X 1/2"BSPT FEMALE	EA	3,510.00	1.00	1.00	2.00	7,020.00
15.10	300666	Supply of Tube, Union, SS316,1/2" OD	EA	4,095.00	1.00	1.00	2.00	8,190.00
15.11	303517	Supply of Anti corrosive tape	M	35.10	500.00	500.00	1,000.00	35,100.00
15.12	600794	Supply of PVC Clamp, SS TUBE	EA	23.40	50.00	50.00	100.00	2,340.00
						Sub-Total: Section A		1,44,23,354
						Sub-Total: Section B		69,52,526
						Total Basic Amount in Rs. (Section A + B)		2,13,75,880
						Amount in RS Cr		2.14
Note:								
1	The SOR Items would be operatable as per job requirement and quantities may vary on ± sides.							
2	The scope as mentioned in the above SOR is of indicative nature only and shall include all activities as detailed in the relevant Clauses of the Tender Document.							

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Bidder shall note that the quantities mentioned against each activity in Schedule of Rates are tentative only. These quantities subject to change based on actual requirement