



MAHANAGAR GAS LIMITED

A Joint Venture of GAIL (India) Ltd., BG Group (U.K.) & Govt. of Maharashtra

WORK ORDER

To,
Future Projects
Shop No 5, Happy Home Apts,
Near Mailaika,
Shanti Park, Mira Road (E),
Thane-401107
Maharashtra, India
Vendor Code: 203633

WO No : MGL/C&P//4100005009/2015-16/HJ
WO Date : 12.10.2015
RFQ No : MGL/C&P/PLNG/1405/15-16/PM
RFQ Date : 28.08.2015
Your Quot/Ref No: /future-07/MGL/LP&GI MUMBAI
AREA/2015 DATED: 08.09.2015 &
OUR LOT NO. NIL DATED: 21.09.2015

Kind Attn:-Mr. Bhanu Singh # Proprietor

Subject :Laying of MP/LP, GI Installation of SR, RS, Gas Meter, Copper Tube, Rubber Hose, Valves etc. for providing PNG inside the Kitchen for Domestic & Non Domestic Customers in Mumbai Area

Dear Sir/Madam

With reference to your offer against our RFQ and all subsequent correspondences (if any) till date and in continuation of our Fax of Intent(if any),we are pleased to award this order highlighting the following salient features:

Scope of work:

Laying of MDPE (Medium Density Poly Ethylene) Pipeline for City Gas Distribution Network and Installation of Service Regulator, Regulating Stations for Domestic & Non Domestic customers in Mumbai Area Zone # 19 - Charkop, Gorai DRS # 37:

The Scope of Work shall be as per Tender No.:MGL/C&P/PLNG/1405/15-16/PM Dated: 28.08.2015.

Total Contract Value:The estimated value of the contract shall be Rs.1,41,25,943.00 (Rupees One Crore Forty One Lacs Twenty Five Thousand Nine Hundred Forty Three only). Service Tax and VAT shall be paid extra at actuals.

Engineer In-Charge:

Mr. Piyush Gupta, VP (Projects) shall be the Engineer In Charge for the said job. You are requested to contact him for further instructions.

Contract Period :The contract shall be valid for a period of One Year w.e.f 01.10.2015 to 30.09.2016.

Kalina Office, Centrum House, 5th Floor, CST Road, Kalina, Santacruz (East), Mumbai - 400 098.

T +91 6789 2000 | F +91 22 - 2654 1043

An ISO 9001, 14001 & OHSAS 18001 Certified Company

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SCHEDULE OF RATES

Sr.no	Service Code Description	Qty	UOM	Rate ₹	Amount ₹
ITEM 00010 PE & GI Mumbai Zone 19 Labour					
The item covers the following services					
10	1100592 M-Z-SOR 1 -70% , L	2,200	M	350.00	770,000.00
Laying of Medium pressure PE pipeline on municipal corporation Roads with temporary reinstatement from DRS to upstream of Service Regulator as per the scope and technical specification detailed in the Tender Document; ; Labour cost for laying Ø63mm ,90 mm & 125 mm & 180MM Pipe					
20	1100593 M-Z-SOR 1 -20% , L	2,200	M	100.00	220,000.00
Laying of Medium pressure PE pipeline on municipal corporation Roads with temporary reinstatement from DRS to upstream of Service Regulator as per the scope and technical specification detailed in the Tender Document; ; Labour cost for laying Ø63mm ,90 mm & 125 mm & 180MM Pipe					
30	1100594 M-Z-SOR 1 -10% , L	2,200	M	50.00	110,000.00
Laying of Medium pressure PE pipeline on municipal corporation Roads with temporary reinstatement from DRS to upstream of Service Regulator as per the scope and technical specification detailed in the Tender Document; ; Labour cost for laying Ø63mm ,90 mm & 125 mm & 180MM Pipe					
40	1100599 M-Z-SOR 1AA -70% , L	400	M	980.00	392,000.00
Road Crossings as per the scope and technical specification detailed in the Tender Document; ; Labour cost for Road Crossings					
50	1100600 M-Z-SOR 1AA -20% , L	400	M	280.00	112,000.00
Road Crossings as per the scope and technical specification detailed in the Tender Document; ; Labour cost for Road Crossings					
60	1100601 M-Z-SOR 1AA -10% , L	400	M	140.00	56,000.00
Road Crossings as per the scope and technical specification detailed in the Tender Document; ; Labour cost for Road Crossings					
70	1100605 M-Z-SOR 1B -100% , L	3,950	M	280.00	1,106,000.00
"Permanent Reinstatement of Private Road#Labour & Material cost for carrying out Permanent reinstatement of Private roads (i.e., other than roads of Government / Municipal authorities) excavated by the contractor as detailed in scope of work of tender document, for which contractor has claimed rate at SOR 1A, 1A1, 1AA, for private roads & SOR 2A as applicable.; ; Labour Cost Permanent Reinstatement of Private Road"					
80	1100607 M-Z-SOR 1B1(Pre-Priced) -100% , L	50	M	150.00	7,500.00
Permanent Reinstatement of Private Road(as per MCGM /Municipal corporation Specifications /Requirements) Permanent reinstatement of Private Asphalt roads as per latest MCGM specifications (i.e., other than roads of Government /					

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Municipal authorities) excavated by the contractor as detailed in scope of work of tender document, for which contractor has claimed rate at SOR 1A, 1A1, 1AA, for private roads & SOR 2A as applicable.; ; Labour Cost for Permanent Reinstatement of Private Road(as per MCGM /Municipal corporation Specifications /Requirements)

90	1100611	30	EA	1,800.00	54,000.00
	M-Z-SOR 1C(Pre-Priced) -90% , L				

Installation of PE stop-off valves (Supplied by MGL) on PE pipeline network, and as directed by EIC; as detailed in scope of work of tender document.; ; Labour cost for Installation of PE stop-off valves

100	1100612	30	EA	200.00	6,000.00
	M-Z-SOR 1C(Pre-Priced) -10% , L				

Installation of PE stop-off valves (Supplied by MGL) on PE pipeline network, and as directed by EIC; as detailed in scope of work of tender document.; ; Labour cost for Installation of PE stop-off valves

110	1100615	150	M	4,389.00	658,350.00
	M-Z-SOR 1D(Pre-Priced) -100% , L				

Nallahs having span up to 20 metres:Laying of PE pipeline at any depth below the drains / culverts / nallahs at least 1000 mm below the bed with protection, as detailed in scope of work of tender document.; ; Labour Cost for Nallahs having span up to 20 metres

120	1100617	30	M	8,040.00	241,200.00
	M-Z-SOR 1E(Pre-Priced) -100% , L				

Laying of steel pipeline above drains / culverts / nallahs as detailed in scope of work of tender document.; ; Labour cost for steel pipeline above drains / culverts / nallahs.

130	1100619	3	M3	1,100.00	3,300.00
	M-Z-SOR 1F1 (Pre-Priced) M20 PCC -100% ,				

Charges for Providing M20 PCC as detailed in scope of work of tender document; ; Labour cost for Providing M20 PCC

140	1100620	3	M3	1,300.00	3,900.00
	M-Z-SOR 1F2 (Pre-Priced) M20 RCC-100% ,				

Charges for Providing M20 RCC as detailed in scope of work of tender document; ; Labour cost for Providing M20 RCC

150	1100625	4,000	M	240.00	960,000.00
	M-Z-SOR 2A -80% , L				

"Laying of low presseure (LP) PE laying in building area, as detailed in scope of work of tender document.#Separate rate for carrying out Permanent reinstatement of Private roads shall be paid under SOR 1B.; ; Labour cost for Laying of low presseure (LP) PE laying"

160	1100626	4,000	M	30.00	120,000.00
	M-Z-SOR 2A -10% , L				

"Laying of low presseure (LP) PE laying in building area, as detailed in scope of work of tender document.#Separate rate for carrying out Permanent reinstatement of Private roads shall be paid under SOR 1B.; ; Labour cost for Laying of low presseure (LP) PE laying"

170	1100627	4,000	M	30.00	120,000.00
	M-Z-SOR 2A -10% , L				

"Laying of low presseure (LP) PE laying in building area, as detailed in scope of work of tender document.#Separate rate for carrying out Permanent reinstatement of Private roads shall be paid under SOR 1B.; ; Labour cost for Laying of low presseure (LP) PE laying"

180	1100631	80	M	23.00	1,840.00
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M-Z-SOR 2B(Pre-priced) -100% , L					
Permanent reinstatement of concrete surface in a trench where PE pipe of Ø20 mm, Ø32 mm, Ø63 mm is laid: Separate rate for every incremental thickness of 2" of PCC (i.e., over and above the standard thickness of 6" PCC); ; Labour cost for carrying out Permanent reinstatement of concrete surface for every incremental thickness of 2" of PCC (i.e., over and above the standard thickness of 6" PCC)					
190	1100636	45	EA	847.80	38,151.00
M-Z-SOR 3 (Pre-priced) -90% , L					
Cost for Installation of Service Regulator Module (up to 65 scmh) in compliance with HSE requirements, as detailed in scope of work of tender document.; ; Labour cost for Installation of Service Regulator Module (up to 65 scmh)					
200	1100637	45	EA	94.20	4,239.00
M-Z-SOR 3 (Pre-priced) -10% , L					
Cost for Installation of Service Regulator Module (up to 65 scmh) in compliance with HSE requirements, as detailed in scope of work of tender document.; ; Labour cost for Installation of Service Regulator Module (up to 65 scmh)					
210	1100644	11,800	M	132.30	1,561,140.00
M-Z-SOR 5A-90% , L					
Installation of GI Pipe (Threaded) Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy or medium Class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Labour cost for Installation of GI Pipe (Threaded)					
220	1100645	11,800	M	14.70	173,460.00
M-Z-SOR 5A-10% , L					
Installation of GI Pipe (Threaded) Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy or medium Class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Labour cost for Installation of GI Pipe (Threaded)					
230	1100648	6,800	M	211.50	1,438,200.00
M-Z-SOR 5B-90% , L					
Installation of GI - Welded Pipe :Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Labour cost for Installation of GI Pipe (Welded)					
240	1100649	6,800	M	23.50	159,800.00
M-Z-SOR 5B-10% , L					
Installation of GI - Welded Pipe :Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Labour cost for Installation of GI Pipe (Welded)					
250	1100653	2,200	EA	340.00	748,000.00
M-Z-SOR 6 -100% , L					
Installation of Copper pipe, Gas meter and associated fittings after MCV (Meter Control Valve) upto all cooking appliances, as detailed in scope of work of tender document including Conversion of domestic cooking appliances: Testing and commissioning of cooking appliances (having burners, grill / oven, etc.) in the premises of the domestic customers, as detailed in scope of work of tender document.; ; Labour cost for Installation of Copper pipe, Gas meter and associated fittings after MCV (Meter Control Valve) upto all cooking appliances					
260	1100657	50	EA	100.00	5,000.00
M-Z-SOR 7 (Pre-Priced) -100%- L					



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Charges for carrying out Conversion of domestic cooking appliances where meters are installed by previous contractors and only Testing and commissioning of cooking appliances (having burners, grill / oven, etc.) in the premises of the domestic customers is balance as detailed in scope of work of tender document including compliance to all the requirements of HSE; ; Charges for carrying out Conversion of domestic cooking appliances where meters are installed by previous contractors and only Testing and commissioning of cooking appliances (having burners, grill / oven, etc.) in the premises of the domestic customers is balance as detailed in scope of work of tender document including compliance to all the requirements of HSE

270	1100658	1	EA	17,250.00	17,250.00
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M-Z-SOR 8A (Pre-Priced) -100% , L

Charges for Shifting, transportation of the MRS / SRM from MGL Store and installation at premises of customers, as detailed in scope of work of tender document.; ; Charges for Shifting, transportation of the MRS / SRM from MGL Store and installation at premises of customers, as detailed in scope of work of tender document.

280	1100659	1	EA	5,000.00	5,000.00
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M-Z-SOR 8B (Pre-Priced) -100% , L

Charges for Shifting, transportation of the Metering Kit (including Gas Meters, EVC & GSM Modem, consumables, etc.) from MGL store and installation at premises of customers, as detailed in scope of work of tender document.; ; Charges for Shifting, transportation of the Metering Kit (including Gas Meters, EVC & GSM Modem, consumables, etc.) from MGL store and installation at premises of customers, as detailed in scope of work of tender document.

290	1100660	6	EA	5,040.00	30,240.00
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M-Z-SOR 8C (Pre-Priced) -90% , L

"I&C (with pipe size up to 2" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr.B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Labour cost for I&C -I&C (with pipe size up to 2" & length up to 3 metres)#"

300	1100661	6	EA	560.00	3,360.00
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M-Z-SOR 8C (Pre-Priced) -10% , L

I&C (with pipe size up to 2" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr.B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Labour cost for I&C -I&C (with pipe size up to 2" & length up to 3 metres)

310	1100664	5	EA	6,300.00	31,500.00
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M-Z-SOR 8D (Pre-Priced) -90% , L

I&C (with pipe 2" to 3" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr. B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Labour cost for I&C (with pipe 2" to 3" & length up to 3 metres)

320	1100665	5	EA	700.00	3,500.00
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M-Z-SOR 8D (Pre-Priced) -10% , L

I&C (with pipe 2" to 3" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr. B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Labour cost for I&C (with pipe 2" to 3" & length up to 3 metres)

330	1100668	7	M	198.00	1,386.00
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M-Z-SOR 8E (Pre-Priced) -90% , L

I&C (over and above lengths of 3 metres) - Fabrication and installation of meter inlet pipe (for SR Modules as well as Riser Regulators); ; Labour cost for I&C (over and above lengths of 3 metres)

340	1100669	7		22.00	154.00
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M-Z-SOR 8E (Pre-Priced) -10% , L					
I&C (over and above lengths of 3 metres) - Fabrication and installation of meter inlet pipe (for SR Modules as well as Riser Regulators); ; Labour cost for I&C (over and above lengths of 3 metres)					
350	1100672	10	EA	255.00	2,550.00
M-Z-SOR 9.1 (Pre-Priced) -100% L					
Fixing of crimping; ; Labour charges for fixing of crimping					
360	1100673	10	EA	120.00	1,200.00
M-Z-SOR 9.2 (Pre-Priced) -100% L					
Fixing of crimp guard; ; Labour charges for fixing of crimp guard					
370	1100675	35	M	70.00	2,450.00
M-Z-SOR 9.3 (Pre-Priced) -100% , L					
Reinstatement inside the premises of society; ; Labour charges for reinstatement inside the premises of society					
380	1100677	30	M3	1,305.00	39,150.00
M-Z-SOR 9.4 (Pre-Priced) -100% , L					
Breaking and removing of RCC; ; Labour Charges for Breaking and removing of RCC					
390	1100679	30	M	70.00	2,100.00
M-Z-SOR 9.5 (Pre-Priced) -100% , L					
Reinstatement with paver blocks on roads / footpath; ; Labour cost for Reinstatement with paver blocks on roads / footpath					
400	1100681	35	EA	345.00	12,075.00
M-Z-SOR 9.6 (Pre-Priced) -100% , L					
PE electro-fusion joints (up to 180 mm); ; Labour charges for PE electro-fusion joints (up to 180 mm)					
410	1100682	50	M	135.00	6,750.00
M-Z-SOR 9.7 (Pre-Priced) -100% , L					
Rectification(including Route marker and Warning sign), Testing & commissioning of MP PE pipeline up to dia 180 mm; ; Labour charges for Rectification(including Route marker and Warning sign), Testing & commissioning of MP PE pipeline up to dia 180 mm					
420	1100683	45	M	62.00	2,790.00
M-Z-SOR 9.8 (Pre-Priced) -100% , L					
Rectification, Testing & commissioning of LP PE pipeline up to dia 90 mm; ; Labour charges for Rectification, Testing & commissioning of LP PE pipeline up to dia 90 mm					
430	1100685	50	EA	145.00	7,250.00
M-Z-SOR 9.10 (Pre-Priced) -100% , L					
Charges for patching up hole in the kitchen.; ; Charges for patching up hole in the kitchen.					
440	1100686	40	M	24.00	960.00
M-Z-SOR 9.11 (Pre-Priced) -100% , Medium					
Dismantling of GI pipes (Medium Class) of size from 1/2" NB to 1" NB, and shifting of MCV; ; Charges for dismantling of GI pipes (Medium Class) of size from 1/2" NB to 1" NB, and shifting of MCV					
450	1100687	45	M	56.00	2,520.00
M-Z-SOR 9.11 (Pre-Priced) -100% , Heavy					
Dismantling of GI pipes (Heavy Class) of size from 1/2" NB to 1" NB, and shifting of MCV; ; Charges for dismantling of GI pipes (Heavy Class) of size from 1/2" NB to 1" NB, and shifting of MCV					

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460	1100688	50	M	125.80	6,290.00
M-Z-SOR 9.12 (Pre-Priced) -100% , L					
Re-installation of GI pipes (Medium Class) of size from 1/2" NB to 1" NB; ; Labour Charges for re-installation of GI pipes (Medium Class) of size from 1/2" NB to 1" NB					
470	1100690	35	M	198.80	6,958.00
M-Z-SOR 9.13 (Pre-Priced) -100% , L					
Charges for re-installation of GI pipes (Heavy Class) of size from 1/2" NB to 1" NB; ; Labbour Charges for re-installation of GI pipes (Heavy Class) of size from 1/2" NB to 1" NB					
480	1100692	12	EA	516.00	6,192.00
M-Z-SOR 9.14 (Pre-Priced) -100% , L					
Removal (downstream of MCV) of the existing copper pipe, gas meter, etc. and re-installation of the same (including shifting of MCV).; ; Labour Charges for removal (downstream of MCV) of the existing copper pipe, gas meter, etc. and re-installation of the same (including shifting of MCV).					
490	1100609	2,780	M	20.00	55,600.00
M-Z-SOR 1SA(Pre-Priced) -100%					
Charges for Compliance to Health, Safety & Environment (HSE) as detailed in scope of work of tender document.; ; Charges for Compliance to Health, Safety & Environment (HSE) as detailed in scope of work of tender document.					
500	1100610	5,560	M	25.00	139,000.00
M-Z-SOR 1SB(Pre-Priced) -100%					
Charges for providing Plastic Barricading on MP pipeline laying work as detailed in scope of work of tender document.; ; Charges for providing Plastic Barricading on MP pipeline laying work as detailed in scope of work of tender document.					
510	1100633	4,000	M	15.00	60,000.00
M-Z-SOR 2AS(Pre-priced) -100%					
Charges for Compliance to Health, Safety & Environment (HSE) as detailed in scope of work of tender document.; ; Charges for Compliance to Health, Safety & Environment (HSE) as detailed in scope of work of tender document.					
520	1100634	8,000	M	25.00	200,000.00
M-Z-SOR 2AB(Pre-priced) -100%					
Charges for providing Plastic Barricading for LP pipeline laying work as detailed in scope of work of tender document.; ; Charges for providing Plastic Barricading for LP pipeline laying work as detailed in scope of work of tender document.					
530	1100635	100	EA	80.00	8,000.00
M-Z-SOR 2C (Pre-priced) -100%					
Service charges for preparation and submission of Planned drawings (in ACAD format) in hard copy as well as in soft copy.; ; Service charges for preparation and submission of Planned drawings (in ACAD format) in hard copy as well as in soft copy.					
540	1100640	30	EA	600.00	18,000.00
M-Z-SOR 4 A (Pre-priced) -100%					
Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.; ; Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.					
550	1100641	30	EA	550.00	16,500.00
M-Z-SOR 4 B (Pre-priced) -100%					
Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.; ; Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.					



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560	1100642	30	EA	600.00	18,000.00
M-Z-SOR 4 C (Pre-priced) -100%					
Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.; ;					
Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.					
570	1100643	30	EA	500.00	15,000.00
M-Z-SOR 4 D (Pre-priced) -100%					
Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.; ;					
Manday Charges for providing manpower (skilled, semi-skilled, unskilled), as detailed in scope of work of tender document.					
580	1100652	18,600	M	10.00	186,000.00
M-Z-SOR 5S ((Pre-Priced)-100%					
Charges for Compliance to Health, Safety & Environment (HSE), as detailed in scope of work of tender document.; ; Charges for					
Compliance to Health, Safety & Environment (HSE), as detailed in scope of work of tender document.					
590	1100656	2,200	EA	10.00	22,000.00
M-Z-SOR 6S (Pre-Priced) -100%					
Charges for Compliance to Health, Safety & Environment (HSE), as detailed in scope of work of tender document.; ; Charges for					
Compliance to Health, Safety & Environment (HSE), as detailed in scope of work of tender document.					
600	1100624	60	M3	2,900.00	174,000.00
M-Z-SOR 1G(Pre-Priced) -100% , M					
Charges for Breaking of hard rock as detailed in scope of work of tender document; ; Labour cost for Breaking of hard rock					
610	1100598	10	EA	3,000.00	30,000.00
M-Z-SOR 1A1 -100% , L					
Charges for Taking Tap off MP Tap off up to 25 Metres length on Municipal corporation Roads/Governemnet authorities , labour					
& material cost for taking TAP off on Municipal corporation roads/Governemnet authorities shall be paid extra as per the					
respective SOR of MP Laying , Nallah Crossing , Road Crossing and Reinsntament as applicable. Scope of materail Supply shall					
be same as per the respective SOR of MP Laying, Nallah Crossing ,Road crossing as the case may be. ; ; Labour cost for MP					
Tap off					
620	1100684	40	EA	720.00	28,800.00
M-Z-SOR 9.9 (Pre-Priced) -100% , L					
Charges for Rectification, testing & commissioning of Riser upto G+10 riser.height); ; Charges for Rectification, testing &					
commissioning of Riser upto G+10 riser.height)					
ITEM 00020 PE & GI Mumbai Zone 19 Material-5%					
The item covers the following services					
10	1100595	2,200	M	70.00	154,000.00
M-Z-SOR 1 -70% , M					
Laying of Medium pressure PE pipeline on municipal corporation Roads with temporary reinstatement from DRS to upstream of					
Service Regulator as per the scope and technical specification detailed in the Tender Document; ; Material cost for above SOR item					
no. 110					
20	1100596	2,200	M	20.00	44,000.00
M-Z-SOR 1 -20% , M					
Laying of Medium pressure PE pipeline on municipal corporation Roads with temporary reinstatement from DRS to upstream of					
Service Regulator as per the scope and technical specification detailed in the Tender Document; ; Material cost for above SOR item					



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no. 110					
30	1100597	2,200	M	10.00	22,000.00
	M-Z-SOR 1 -10% , M				
Laying of Medium pressure PE pipeline on municipal corporation Roads with temporary reinstatement from DRS to upstream of Service Regulator as per the scope and technical specification detailed in the Tender Document; ; Material cost for above SOR item					
no. 110					
40	1100602	400	M	284.11	113,644.00
	M-Z-SOR 1AA -70% , M				
Road Crossings as per the scope and technical specification detailed in the Tender Document; ; Material cost for Road Crossings					
50	1100603	400	M	81.17	32,468.00
	M-Z-SOR 1AA -20% , M				
Road Crossings as per the scope and technical specification detailed in the Tender Document; ; Material cost for Road Crossings					
60	1100604	400	M	40.59	16,236.00
	M-Z-SOR 1AA -10% , M				
Road Crossings as per the scope and technical specification detailed in the Tender Document; ; Material cost for Road Crossings					
70	1100613	30	EA	9,450.00	283,500.00
	M-Z-SOR 1C(Pre-Priced) -90% , M				
Installation of PE stop-off valves (Supplied by MGL) on PE pipeline network, and as directed by EIC; as detailed in scope of work of tender document.; ; Material cost for Installation of PE stop-off valves					
80	1100614	30	EA	1,050.00	31,500.00
	M-Z-SOR 1C(Pre-Priced) -10% , M				
Installation of PE stop-off valves (Supplied by MGL) on PE pipeline network, and as directed by EIC; as detailed in scope of work of tender document.; ; Material cost for Installation of PE stop-off valves					
90	1100616	150	M	1,311.00	196,650.00
	M-Z-SOR 1D(Pre-Priced) -100% , M				
Nallahs having span up to 20 metres:Laying of PE pipeline at any depth below the drains / culverts / nallahs at least 1000 mm below the bed with protection, as detailed in scope of work of tender document.; ; Material Cost for Nallahs having span up to 20 metres					
100	1100618	30	M	3,960.00	118,800.00
	M-Z-SOR 1E(Pre-Priced) -100% , M				
Laying of steel pipeline above drains / culverts / nallahs as detailed in scope of work of tender document.; ; Material cost for steel pipeline above drains / culverts / nallahs.					
110	1100628	4,000	M	56.00	224,000.00
	M-Z-SOR 2A -80% , M				
"Laying of low presseure (LP) PE laying in building area, as detailed in scope of work of tender document.#Separate rate for carrying out Permanent reinstatement of Private roads shall be paid under SOR 1B.; ; Material cost for Laying of low presseure (LP) PE laying"					
120	1100629	4,000	M	7.00	28,000.00
	M-Z-SOR 2A -10% , M				
"Laying of low presseure (LP) PE laying in building area, as detailed in scope of work of tender document.#Separate rate for carrying out Permanent reinstatement of Private roads shall be paid under SOR 1B.; ; Material cost for Laying of low presseure (LP) PE laying"					

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130	1100630 M-Z-SOR 2A -10% , M	4,000	M	7.00	28,000.00
"Laying of low presseure (LP) PE laying in building area, as detailed in scope of work of tender document.#Separate rate for carrying out Permanent reinstatement of Private roads shall be paid under SOR 1B.; ; Material cost for Laying of low presseure (LP) PE laying"					
140	1100638 M-Z-SOR 3 (Pre-priced) -90% , M	45	EA	1,807.20	81,324.00
Cost for Installation of Service Regulator Module (up to 65 scmh) in compliance with HSE requirements, as detailed in scope of work of tender document.; ; Material cost for Installation of Service Regulator Module (up to 65 scmh)					
150	1100639 M-Z-SOR 3 (Pre-priced) -10% , M	45	EA	200.80	9,036.00
Cost for Installation of Service Regulator Module (up to 65 scmh) in compliance with HSE requirements, as detailed in scope of work of tender document.; ; Material cost for Installation of Service Regulator Module (up to 65 scmh)					
160	1100646 M-Z-SOR 5A-90% , M	11,800	M	56.70	669,060.00
Installatiion of GI Pipe (Threaded) Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy or medium Class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Material cost for Installatiion of GI Pipe (Threaded)					
170	1100647 M-Z-SOR 5A-10% , M	11,800	M	6.30	74,340.00
Installatiion of GI Pipe (Threaded) Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy or medium Class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Material cost for Installatiion of GI Pipe (Threaded)					
180	1100650 M-Z-SOR 5B-90% , M	6,800	M	90.00	612,000.00
Installation of GI - Welded Pipe :Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Labour cost for Installatiion of GI Pipe (Welded)					
190	1100651 M-Z-SOR 5B-10% , M	6,800	M	10.00	68,000.00
Installation of GI - Welded Pipe :Use of Electrical Resistance Welded (ERW) Galvanized Iron (GI) pipes of Heavy class and PETZL system for installation of new risers and for extensions in existing risers, as detailed in scope of work of tender document.; ; Labour cost for Installatiion of GI Pipe (Welded)					
200	1100662 M-Z-SOR 8C (Pre-Priced) -90% , M	6	EA	9,360.00	56,160.00
I&C (with pipe size up to 2" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr.B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Material cost for I&C -I&C (with pipe size up to 2" & length up to 3 metres)					
210	1100663 M-Z-SOR 8C (Pre-Priced) -10% , M	6	EA	1,040.00	6,240.00
I&C (with pipe size up to 2" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules,					



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supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr.B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Material cost for I&C -I&C (with pipe size up to 2" & length up to 3 metres)

220	1100666	5	EA	15,300.00	76,500.00
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M-Z-SOR 8D (Pre-Priced) -90% , M

I&C (with pipe 2" to 3" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr. B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Material cost for I&C (with pipe 2" to 3" & length up to 3 metres)

230	1100667	5	EA	1,700.00	8,500.00
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M-Z-SOR 8D (Pre-Priced) -10% , M

I&C (with pipe 2" to 3" & length up to 3 metres) - Installation of Gas Meters, service regulators, service regulator modules, supply and installation of meter inlet pipe (carbon steel, ASTM A106 , Gr. B ,Schedule 40, ERW GI pipe heavy class), as detailed in scope of work of tender document.; ; Material cost for I&C (with pipe 2" to 3" & length up to 3 metres)

240	1100670	7	M	387.00	2,709.00
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M-Z-SOR 8E (Pre-Priced) -90% , M

I&C (over and above lengths of 3 metres) - Fabrication and installation of meter inlet pipe (for SR Modules as well as Riser Regulators); ; Material cost for I&C (over and above lengths of 3 metres)

250	1100671	7	M	43.00	301.00
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M-Z-SOR 8E (Pre-Priced) -10% , M

I&C (over and above lengths of 3 metres) - Fabrication and installation of meter inlet pipe (for SR Modules as well as Riser Regulators); ; Material cost for I&C (over and above lengths of 3 metres)

260	1100689	50	M	59.20	2,960.00
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M-Z-SOR 9.12 (Pre-Priced) -100% , M

Re-installation of GI pipes (Medium Class) of size from 1/2" NB to 1" NB; ; Material Charges for re-installation of GI pipes (Medium Class) of size from 1/2" NB to 1" NB

270	1100691	35	M	81.20	2,842.00
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M-Z-SOR 9.13 (Pre-Priced) -100% , M

Charges for re-installation of GI pipes (Heavy Class) of size from 1/2" NB to 1" NB; ; Material Charges for re-installation of GI pipes (Heavy Class) of size from 1/2" NB to 1" NB

280	1100693	12	EA	156.20	1,874.40
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M-Z-SOR 9.14 (Pre-Priced) -100% , M (VAT)

Removal (downstream of MCV) of the existing copper pipe, gas meter, etc. and re-installation of the same (including shifting of MCV).; ; Material Charges for removal (downstream of MCV) of the existing copper pipe, gas meter, etc. and re-installation of the same (including shifting of MCV).

290	1100654	2,200	EA	150.00	330,000.00
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M-Z-SOR 6 -100% , M (VAT)

Installation of Copper pipe, Gas meter and associated fittings after MCV (Meter Control Valve) upto all cooking appliances, as detailed in scope of work of tender document including Conversion of domestic cooking appliances: Testing and commissioning of cooking appliances (having burners, grill / oven, etc.) in the premises of the domestic customers, as detailed in scope of work of tender document.; ; Material cost for Installation of Copper pipe, Gas meter and associated fittings after MCV (Meter Control Valve) upto all cooking appliances

ITEM 00030 PE & GI Mumbai Zone 19 Material-12.5%



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Future Projects

The item covers the following services

The item covers the following services					
10	1100606	3,950	M	61.00	240,950.00
M-Z-SOR 1B -100% , M					
"Permanent Reinstatement of Private Road#Labour & Material cost for carrying out Permanent reinstatement of Private roads (i.e., other than roads of Government / Municipal authorities) excavated by the contractor as detailed in scope of work of tender document, for which contractor has claimed rate at SOR 1A, 1A1, 1AA, for private roads & SOR 2A as applicable.; ; Material Cost Permanent Reinstatement of Private Road"					
20	1100608	50	M	1,350.00	67,500.00
M-Z-SOR 1B1(Pre-Priced) -100% , M					
Permanent Reinstatement of Private Road(as per MCGM /Municipal corporation Specifications /Requirements)					
Permanent reinstatement of Private Ashphalt roads as oper lastest MCGM specifications (i.e., other than roads of Government / Municipal authorities) excavated by the contractor as detailed in scope of work of tender document, for which contractor has claimed rate at SOR 1A, 1A1, 1AA, for private roads & SOR 2A as applicable.; ; Material Cost for Permanent Reinstatement of Private Road(as per MCGM /Municipal corporation Specifications /Requirements)					
30	1100621	3	M3	4,400.00	13,200.00
M-Z-SOR 1F1 (Pre-Priced) M20 PCC -100% ,					
Charges for Providing M20 PCC as detailed in scope of work of tender document; ; Material cost for Providing M20 PCC					
40	1100622	3	M3	5,200.00	15,600.00
M-Z-SOR 1F2 (Pre-Priced) M20 RCC-100% ,					
Charges for Providing M20 RCC as detailed in scope of work of tender document; ; Material cost for Providing M20 RCC					
50	1100632	80	M	92.00	7,360.00
M-Z-SOR 2B(Pre-priced) -100% , M					
Permanent reinstatement of concrete suface in a trench where PE pipe of Ø20 mm, Ø32 mm, Ø63 mm is laid: Separate rate for every incremental thickness of 2" of PCC (i.e., over and above the standard thickness of 6" PCC); ; Material cost for carrying out Permanent reinstatement of concrete suface for every incremental thickness of 2" of PCC (i.e., over and above the standard thickness of 6" PCC)					
60	1100674	10	EA	480.00	4,800.00
M-Z-SOR 9.2 (Pre-Priced) -100% M					
Fixing of crimp guard; ; Material charges for fixing of crimp guard					
70	1100676	35	M	380.00	13,300.00
M-Z-SOR 9.3 (Pre-Priced) -100% , M					
Reinstatement inside the premises of society; ; Material charges for reinstatement inside the premises of society					
80	1100678	30	M3	1,595.00	47,850.00
M-Z-SOR 9.4 (Pre-Priced) -100% , M					
Breaking and removing of RCC; ; Material Charges for Breaking and removing of RCC					
90	1100680	30	M	280.00	8,400.00
M-Z-SOR 9.5 (Pre-Priced) -100% , M					
Reinstatement with paver blocks on roads / footpath; ; Material Charges for Reinstatement with paver blocks on roads / footpath					
100	1100694	12	EA	127.80	1,533.60
M-Z-SOR 9.14 (Pre-Priced) -100% , M (ST)					
Removal (downstream of MCV) of the existing copper pipe, gas meter, etc. and re-installation of the same (including shifting of					



WORK ORDER(Cont.)

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MCV).; ; Material Charges for removal (downstream of MCV) of the existing copper pipe, gas meter, etc. and re-installation of the same (including shifting of MCV).

110	1100655	2,200	EA	81.00	178,200.00
M-Z-SOR 6 -100% , M (ST)					

Installation of Copper pipe, Gas meter and associated fittings after MCV (Meter Control Valve) upto all cooking appliances, as detailed in scope of work of tender document including Conversion of domestic cooking appliances: Testing and commissioning of cooking appliances (having burners, grill / oven, etc.) in the premises of the domestic customers, as detailed in scope of work of tender document.; ; Material cost for Installation of Copper pipe, Gas meter and associated fittings after MCV (Meter Control Valve) upto all cooking appliances

Total Order Value: ₹14,125,943.00

ONE CRORE FORTY ONE LAKH TWENTY FIVE THOUSAND NINE HUNDRED FORTY THREE RUPEES ONLY

Tax details for item(s) 00010 = ST14% ND on 100% (MGL50L&Ven50L)

Tax details for item(s) 00030 = Nil ED, VAT-12.50%-ND

Tax details for item(s) 00020 = Nil ED, VAT- 5%-ND

The estimated value of the contract shall be Rs.1,41,25,943.00 (Rupees One Crore Forty One Lacs Twenty Five Thousand Nine Hundred Forty Three only). Service Tax and VAT shall be paid extra at actuals.

Header text :

Mumbai Area Zone # 19 - Charkop, Gorai DRS # 37

Performance Bank Guarantee/SD

Security Deposit:

Security Deposit for contract performance in the form of Bank Guarantee as per proforma at (Appendix - PBG) or DD in favour of Mahanagar Gas Limited, payable at Mumbai shall be submitted. The security deposit shall be for 10% of contract value (excluding Taxes & Duties), valid till the contractual completion time plus 12 months. The Security deposit shall be submitted within 15 days from the date of issue of Letter of intent/Work order whichever is earlier. The Security Deposit for performance, if submitted in the form of BG, shall be from a Nationalized Bank /Scheduled Bank / Cooperative Schedule Bank / Multi National Bank / Reputed Foreign Bank only. No interest on security deposit shall be paid.

Alternatively, Service Provider may submit BG towards security deposit for 5% of contract value and balance 5% shall be deducted from their running bill @ 10% till the amount becomes 5% of the contract value.

INDEMNITY BOND:

You shall submit the Indemnity Bond as per proforma at (Appendix - IB) against free issue of material / goods supplied to the contractor by MGL, which is equivalent to the value of Rs. 25 Lacs.

General Condition of Contract

The General Condition of Contract shall be as per Tender No.: MGL/C&P/PLNG/1405/15-16/PM Dated: 28.08.2015.

Special Conditions of Contract



WORK ORDER(Cont.)

Vendor Code: 203633
Vendor Name:
Future Projects

WO No: MGL/C&P//4100005009/2015-16/HJ
WO Date: 12.10.2015

The Special Condition of Contract shall be as per Tender No.: MGL/C&P/PLNG/1405/15-16/PM Dated: 28.08.2015.

Terms of payment

Payments Terms shall be as per Tender No.:MGL/C&P/PLNG/1405/15-16/PM Dated: 28.08.2015.

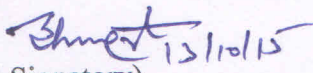
Other contractual stipulations

You shall comply with all the necessary statutory formalities required for the work. The agency should take care of PF, ESIC, Accident insurance & other incidental expenses and provision of Labour Act as applicable. You may collect form V From AVP - (HR & ADMIN) for taking necessary actions at your end (i.e. for registration with Labour Commissioner).

Please send us a copy of this Work order duly signed as token of acceptance

Yours Truly,

for MAHANAGAR GAS LTD.


(Authorized Signatory)
T.L. Sharnagat
Vice President (Contracts & Procurement, ERP and IT)

MAHANAGAR GAS LTD.

DOCUMENTS CHECK LIST FOR SERVICE PROVIDER

(Service providers / Contractors shall ensure the following documents are enclosed while submitting the bills / invoice to the Engineer In-charge)

WO No.:

WO Date:

We M/s _____ hereby confirm that we have submitted following set of documents along with the bills / invoice to the Engineer In-charge.

Sr.No.	Documents	Submitted	Not Applicable (NA)
1	Original Tax Invoice (with Service No., Service Tax No., Service Tax Category and Service Tax breakup, VAT declaration as per Maharashtra Value Added Tax Act 2002, if VAT is applicable)		
2	Test Certificate and Reports / Measurement Sheet / Drawings or any other mentioned in the Tender.		
3	No Dues / No Claim Certificate (to be submitted while submitting Last Bill / Invoice of the contract).		

(Please tick all sections)

Place:

Date:

Signature of Service Provider with the seal of the firm

Name and Designation & Contact No of Authorized Person

Billing address for Tax Invoice:

(Engineer In-charge)
Mahanagar Gas Ltd.,
City Gate Station,
Opp. Anik Bus Depot,
Near Everard Nagar,
Sion (East),
Mumbai - 400022.
Tel : 022 - 24012451
Fax: 022 - 24010080

Or

Mahanagar Gas Ltd.,
MGL House, Block No.G-33,
Opp. ICICI Tower,
Bandra Kurla Complex,
Bandra (East),
Mumbai-400 051.
Tel : 022 - 66785000
Fax: 022 - 26541046/26540092

MGL's Statutory Details

VAT Tin No. :27390000364V

CST Tin No. :27390000364C

Excise No. :AABCM4640GXM001, Range - 03, Division - Chembur -I,
Commissionerate - Mumbai - II

