



अवंतिका गैस लिमिटेड
AAVANTIKA GAS LIMITED
A Joint Venture Company of GAIL & HPCL

Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

Aavantika Gas Limited invites offers through Expression of Interest (EOI) for submitting their proposal for execution of Last Mile Connectivity (LMC) Work pertaining to Domestic PNG connections in the Geographical Areas of Indore (Including Ujjain and Pithampur) and Gwalior GA of Madhya Pradesh.

EOI Details:

1. Aavantika Gas Limited is interested to expediting the project of LMC work by awarding work to experienced mainstream Contractors (working directly with other CGDs). Each eligible Twenty Three (23) Nos bidders shall be awarded 1000 Nos domestic connections work (LMC) at the published rates attached as SOR along with this EOI.
 - 17 Contractors will be engaged for Indore GA (including Ujjain) and
 - 06 contractors will be engaged for Gwalior GA
 2. EOI Schedule shall be as under:
 - a) Period: 27.09.2024 (From 18:00 Hrs) to 18.10.2024 (Up to 16:00 Hrs).
 - b) Last Date/Time for Submission of EOI: 18.10.2024 (Up to 16:00 Hrs).
 - c) EMD & Tender Fee:
 - For LOT-1 INDORE GA: Rs. 3.0 Lakh (in form of DD or BG)
 - For LOT-2 GWALIOR GA: Rs. 3.0 Lakh (in form of DD or BG)In case the Bidder is quoting for both the LOT's then EMD shall be payable on cumulative basis (i.e Rs. 3.0 Lakh)
- MSME vendors are NOT exempted from submission of EMD.**
Aavantika Gas Limited reserves the right to extend the EOI period and due date for submission.
3. EOI can be downloaded from the website www.aglonline.net within the above-mentioned period. Any amendment, clarification, corrigendum w.r.t. EOI will be hosted on www.aglonline.net . Applicants should regularly visit this website to keep themselves updated. Any query related to EOI may be submitted online only at Email ID cp@aglonline.net mentioning Reference No. in Subject line.
 4. The completely filled Signed and Stamped EOI , along with requisite documents, is to be submitted **physically in sealed envelope** by Applicant to "Department - Contracts and Procurement, Aavantika Gas Limited, 2nd Floor, B Block, NRK Business Park, Vijay Nagar Square, Indore (Madhya Pradesh)" **or through email** at cp@aglonline.net mentioning Reference No. in Subject line.
 5. EOI, complete in all respect, shall be opened and evaluated by Aavantika Gas Limited and the Applicant shall be informed accordingly on time to time basis.
 6. Aavantika Gas Limited will not be responsible for any cost or expenses incurred by the Applicants in connection with preparation or delivery of EOI.
 7. This Notice inviting EOI neither confirms the right nor an expectation on any party to participate in the proposed EOI. Aavantika Gas Limited reserves the right to accept or reject, any or all EOIs received at its absolute discretion without assigning any reason whatsoever.

Bidders Seal and Sign:



अवंतिका गैस लिमिटेड
AAVANTIKA GAS LIMITED
A Joint Venture Company of GAIL & HPCL

Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

1. INTRODUCTION

Aavantika Gas Limited [Joint Venture of GAIL (India) Ltd. and HPCL] is in the business of supplying PNG/CNG in Geographical Areas (GA) of Indore, Ujjain and Gwalior (Madhya Pradesh). Further, as a part of its expansion efforts are being made by Aavantika Gas Limited to increase the maximum number of Domestic Connection year on year for supply of Natural gas through Last Mile Connectivity (LMC) Work and Associated MDPE Pipeline Laying Work.

Aavantika Gas Limited is interested to expediting the project of LMC work by awarding work to experienced mainstream Contractors (working directly with other CGDs). Each eligible Twenty Three (23) Nos bidders shall be awarded 1000 Nos domestic connections work (LMC) at the published rates attached as SOR along with this EOI.

- 17 Contractors will be engaged for Indore GA (including Ujjain) and
- 06 contractors will be engaged for Gwalior GA.

2. TECHNICAL QUALIFYING CRITERIA:

LOT-1 : INDORE GA

The Bidder must have executed LMC work for at least **250 Nos** of DPNG connections/ Meter installations in a single Work Order / Contract for any CGD Company (as a main contractor) in India in last 5 years to be reckoned from the last date of EOI submission.

OR

The bidder must have executed a single OR multiple Orders duly issued under single ARC/LMC Contract of value at least **Rs. 37.36 Lakhs** for MDPE/Steel Pipeline work for any City Gas Distribution entity in India as a main contractor in last 5 years reckoned from the bid due date.

LOT-2 : GWALIOR GA

The Bidder must have executed LMC work for at least **250 Nos** of DPNG connections/ Meter installations in a single Work Order / Contract for any CGD Company (as a main contractor) in India in last 5 years to be reckoned from the last date of EOI submission.

OR

The bidder must have executed a single OR multiple Orders duly issued under single ARC/LMC Contract of value at least **Rs. 37.43 Lakhs** for MDPE/Steel Pipeline work for any City Gas Distribution entity in India as a main contractor in last 5 years reckoned from the bid due date.

Bidders can quote for LOT-1 (Indore GA) OR LOT-2 (Gwalior GA) OR for both LOT-1 & LOT-2.

In case bidders quote for both LOT-1 (Indore GA) and LOT-2 (Gwalior GA) then Technical qualification criteria as mentioned above for minimum work value & completed nos. of PNG connections shall be applicable on cumulative basis in maximum two Orders.

Note - For example, if a bidder quotes for both LOTs (Lot-1 and Lot-2), they can submit maximum up to two orders having at least cumulative 500 Nos of DPNG Connections / Meter installation.

Bidders Seal and Sign:



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

3. SUPPORTING DOCUMENTS & SPECIAL CONDITIONS:

Bidder has to submit a copy of order of award (executed within last 5 years reckoned from the bid due date) AND its Completion Certificate issued by the Client. The Completion Certificate / Letter of Satisfactory Performance should have cross reference to the WO / PO indicating no. of Domestic Connections or executed value in Rupees. In the absence of requisite documents, AGL reserves the right to reject the EOI without referring to the Contractor.

In respect of Technical Criteria above, in case of a Running Contract, bidder can furnish confirmation from client in the form of Provisional Completion Certificate towards the Executed Quantity of no. of connections as on EOI due date.

4. FINANCIAL BID EVALUATION CRITERIA:

Turnover

The contractor should have achieved a minimum turnover in any one of the last 3 (three) audited financial years for bid evaluation under each schedule as per following:

For LOT-1 (Indore GA) : **Rs. 74.71 Lakh**

For LOT-2 (Gwalior GA) : **Rs. 74.87 Lakh**

For bidders bidding for both LOT's (LOT-1 & LOT-2) : **Rs. 149.58 Lakh**

Working Capital

The contractor should have achieved a minimum working capital in the last audited balance sheet for bid evaluation under each schedule as per following:

For LOT-1 (Indore GA) : **Rs. 14.94 Lakh**

For LOT-2 (Gwalior GA) : **Rs. 14.97 Lakh**

For bidders bidding for both LOT's (LOT-1 & LOT-2) : **Rs. 29.91 Lakh**

Net Worth

Net worth must be positive as per last audited financial statement.

Contractors must submit copy of financial statements including Balance Sheet and Profit & Loss account statement certified by Chartered Accountant for last three audited financial years in support of the above.

Declaration Letter/Certificate for line of credit (If the bidder's working capital is inadequate)

i) Declaration Letter/Certificate for line of credit due to short fall of working capital shall be from single bank only. Letters from multiple banks shall not be applicable. However, banking syndicate will also be acceptable wherein a group of banks can jointly provide line of credit to the bidder.

ii) The bank shall be required to issue the letter from declaration/certificate of line of credit on their letter head along with the contact details of the issuing authority like email id, contact number etc. The Format for certificate from Bank for Line of Credit is attached in Tender Document.

AUTHENTICATION OF DOCUMENTS TO BE SUBMITTED IN SUPPORT OF BEC:

Technical Criteria of Bid Evaluation Criteria (BEC):

All documents in support of Technical Criteria of Bid Evaluation Criteria (BEC) to be furnished by the bidders shall necessarily be duly certified / attested by Chartered Engineer and notary public with legible stamp.



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

Note : Documents duly issued by AGL need not to be notarized / certified / attested.

Financial Criteria of Bid Evaluation Criteria (BEC):

Practicing Chartered Accountants shall generate Unique Document Identification Number (UDIN) for all certificates issued by them as per provisions of tender document.
However, UDIN may not be required for documents being attested by Chartered Accountants in terms of provisions of tender document.

5. EVALUATION AND METHODOLOGY FOR AWARD OF WORK:

- The Qualified Contractors will be awarded Work Orders for LMC work for 1000 Nos of DPNG connections with a completion period of 12 months in accordance with the quoted Area / LOT.
- ***Irrespective of their previous awarded work, contractors are free to bid for LOT-1 (Indore), LOT-2 (Gwalior) or both LOT's. Once the eligibility criteria are met, work shall be awarded as per area preferred/quoted.***
- In case the target number of 23000 DPNG connections is not met within the first batch of the EOI, then another EOI may be floated.
- In case qualified entries for more than the targeted number (i.e. 23000 DPNG Connections) are received then the work shall be awarded based on the annual turnover value of the Contractors. For example, if 50 qualified contractors have submitted their EOI then the work shall be awarded to the first 23 Contractors depending of GA choice in descending order of their turnover. The remaining Contractors shall be empaneled with AGL and can be awarded the work in case any Contractor backs out within 6 months of award of contract.
- Contractors who will complete 80% awarded value within 6 months' time can be awarded repeat order for another 1000 DPNG connections, on the same terms & conditions.
- Contractors who will complete 500 plus connections in 3 months' time shall be given an incentive of Rs. 200/- per connection on the additional connections executed over & above the targeted 300 nos. within 3 months.
- If any Vendor is adjudged as POOR Performer by AGL in project execution works in preceding of recent assessment/last six months' assessment from Tender bid due date, the bid submitted by such Vendor will NOT be considered for evaluation and will be rejected.
- **MSME vendors are NOT exempted from submission of EMD.**

6. COMPLETION PERIOD:

Contract Period shall be One (01) Year from the date of award including mobilization period.

7. SCOPE OF WORK:

All terms & conditions (pertaining to Techno-Commercial execution of work) shall be in line with the recent AGL E – Tender no. AGL/Head Office/Contract and Purchase/29/23-24/ET/29 [MDPE LAYING AND LMC WORK] dated 12.01.2024.

8. PERFORMANCE BANK GUARANTEE:

Within 15 days from the date of award of Work Order, the Bidder shall furnish Performance Guarantee in the form of Bank Guarantee to the AGL, for an amount equivalent to 10% of



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

Order value (Excluding taxes & duties). Performance Bank guarantee shall be valid for a period of 3 months beyond the expiry of the Warrantee/Guarantee period.

OR

Upon written request from Bidder, bidder shall submit Performance Guarantee equivalent to 5% of Order value (Excluding taxes & duties) in the form of Bank Guarantee to the PURCHASER and balance 5% equivalent amount will be deducted from RA Bill.

9. PENALTY:

Timeline for completion of assigned work shall be as per below –

No.	Work Description		Completion Time
1	MDPE Laying	Laying & commissioning (all sizes length up to 2 Kms) (timeline includes availing required permission)	3 months from the date of work assignment Note: For every additional 1 kms length completion time shall be increased by 10 days
2	DPNG	Front assignment to RFC & updating on portal	35 days from front assignment date
3	DPNG	RFC to Conversion	21 Days from the date of RFC
4	DPNG	Updating Conversion report on portal	7 Days from the date of conversion

Penalty for delay:

- For MDPE work** - 0.5% of the individual work value per week delay or part thereof, up to maximum of 5% of the individual work value
- For front to RFC work** – 0.5% of the individual work value per week delay or part thereof up to maximum 5% of the individual work value
- RFC to Conversion -**
In case of delay in conversion and update in Portal by Contractor for more than 3 weeks from RFC date and fails to submit Customer Consent Form duly signed by Customer and approved by AGL Engineer then penalty @ 0.5 SCM per day at prevailing PNG Rates will be imposed and recovered from Contractor bills. The penalty will be applicable in slab of 10 days. For example: the delay of 1 to 10 days will attract penalty for 10 days' gas charges, 11 to 20 days' penalty of 20 days' gas charges shall be imposed and so on....
- Delay in submission of conversion report and update in portal –**
In case conversion has been done by Contractor but conversion report is not submitted and Portal is not updated by Contractor within 7 days of conversion, then penalty @ 0.5 SCM per day at prevailing PNG Rates will be imposed and recovered from Contractor bills. The penalty will be applicable in slab of 10 days. For example: the delay of 1 to 10 days will attract penalty for 10 days' gas charges (@0.5 SCM per day), 11 to 20 days' penalty of 20 days' gas charges shall be imposed and so on....
- Penalty for Unaccountable Meters:** In addition to the existing material recovery, penalty of Rs. 5000/- per unaccountable (lost) meter shall be levied.



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

PENALTY FOR POOR WORKMANSHIP BY PROJECT CONTRACTOR (ARC/LMC) WHICH IS FOUND BY AGL O&M DURING DEFECT LIABILITY PERIOD (12 months from date of commissioning) *(same as per earlier e-tender with minor changes highlighted in bold and underlined)*

Once project contractor has charged/commissioned pipeline & handed over to AGL O&M Team, then AGL O&M team will do their daily, weekly and monthly inspection as per their schedule. ARC tender Vol I-II SCC clause no 32 has been modified as under:

AGL O&M team will inspect the newly charged pipeline as per their schedule of inspection and will pre intimate before inspection to project department at least one day in advance. Project department to further inform same to relevant Project executing contractor.

If O&M department finds any defect in the job done by project contractor due to failure of fitting / poor workmanship (excluding third party damage) during the Defect Liability Period (12 months from date of commissioning), then AGL O&M team will inform AGL project EIC/AGL Finance through email with complete report. AGL project EIC will impose fine as one-time charge to project contractor who has carried out the job. Penalty/fine per each failure is proposed as follows:

In order to Recover the cost of repair & notional gas loss due to failure of fitting during Defect liability period, Penalty shall be imposed on project contractor as follows-

- a. For the leakage found (because of failure of fitting & poor workmanship excluding third party damage) in 125mm Dia MDPE joint within defect liability period, EIC will impose a one-time fine of Rupees 1,00,000/- per failed joint on project contractor.
- b. For the leakage found (because of failure of fitting & poor workmanship excluding third party damage) in 63mm Dia MDPE joint within defect liability period, EIC will impose a one-time fine of Rupees 80,000/- per failed joint on project contractor.
- c. For the leakage found (because of failure of fitting & poor workmanship excluding third party damage) in 32mm Dia MDPE joint within defect liability period, EIC will impose a one-time fine of Rupees 60,000/- per failed joint on project contractor.
- d. For the leakage found (because of failure of fitting & poor workmanship excluding third party damage) in 20mm Dia MDPE joint within defect liability period, EIC will impose a one-time fine of Rupees 40,000/- per failed joint on project contractor.
- e. For the leakage found (because of failure of fitting & poor workmanship) in GI / welded pipe joint **before regulator piece** (except regulator inlet) within defect liability period, EIC will impose a one-time fine of Rupees 20,000/- per failed joint on project contractor.
- f. For the leakage found (because of failure of fitting & poor workmanship) in GI / welded pipe joint **after regulator piece** (except regulator outlet) within defect liability period, EIC will impose a one-time fine of Rupees 10,000/- per failed joint on project contractor.
- g. **For Leakages detected at Regulator Inlet & Outlet, EIC will impose a lumpsum fine of Rupees 1000/- per instance on project contractor.**
- h. For poor workmanship instances not covered in above points (a to g), penalty of Rs. 5000/- to be levied for each instance.

Note: The above mentioned penalties specified at Point no 6 shall be in addition to PRS.

10. PAYMENT TERMS:

PE AND RELATED WORK :

70% on completion of laying & testing work and submission of graphs.

20% on commissioning (gas charging) and submission of As-Built Drawings & HOTO (if



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

applicable).

5% on completion of entire awarded work as per scope of Tender and submission of No Dues/No Claim Certificate from vendor and after due reconciliation of material by project department and submission of all documents as per contract and reconciliation of material.

5% on Contract Closure along with Contract account reconciliation statement & No Dues/No Claim confirmation from F&A/Project department.

Note: To claim the 70% amount, claimed quantity/length must be tested and in continuation from the identified gas source.

GI AND RELATED WORK :

90% on conversion of appliance/burner and updation of connection on portal.

5% on completion of entire awarded work as per scope of Tender and submission of No Dues/No Claim Certificate from vendor and after due reconciliation of material by project department and submission of all documents as per contract and reconciliation of material.

5% on Contract Closure along with Contract account reconciliation statement & No Dues/No Claim confirmation from F&A/Project department.

OTHER WORKS (NOT COVERED ABOVE) :

90% progressively on completion of individual item work on pro-rata basis as certified in monthly progress bill.

5% on completion of entire awarded work as per scope of Tender and submission of No Dues/No Claim Certificate from vendor and after due reconciliation of material by project department and submission of all documents as per contract and reconciliation of material.

5% on Contract Closure along with Contract account reconciliation statement & No Dues/No Claim confirmation from F&A/Project department.

LIAISON WORK

90% on completion of Laying **& Testing**

10% on contract closure

Note: Liaisoning Amount shall be paid only for the actual length laid by vendor and not the length stated in the permission; However, the Liaisoning amount paid shall not be more than the quantity for which permission is acquired. NOC & BG from concerned statutory authority to be acquired & released as per AGLs requirement.

PAYMENT METHODOLOGY

The contractor shall preferably raise invoices on **monthly** basis for works carried out **and uploaded on Portal**, duly certified by Engineer- in-Charge. The contractor to ensure that the invoices of completed work should be raised & duly certified by Engineer-in-charge on monthly basis.

Bidders Seal and Sign:



अवंतिका गैस लिमिटेड
AAVANTIKA GAS LIMITED
A Joint Venture Company of GAIL & HPCL

Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

The payments to the Contractor will be released within a period of 15 days from the date of receipt of the correct invoice duly certified by EIC subject to meeting payment conditions as per the terms and conditions of the Contract.

11. SELECTION PROCESS:

- All applications/EOIs received shall be evaluated against the Eligibility Criteria mentioned in this EOI document. On evaluation, if required, a techno-commercial query may be sent to the applicant seeking clarification / required documents in support of the qualification criteria.
- Selection of applicant(s) shall be based on the EOI proposal submitted by the applicant and shall be evaluated on Eligibility Criteria.
- AGL reserves the right to discontinue the process at any point of time without assigning any reasons. Further, AGL has the sole discretion to qualify or accept the EOI and reject the proposal without assigning any reason whatsoever.
- Successful applicant (s) shall be informed separately by AGL through Letter of Intent (LOI) regarding their selection along with the terms and conditions stipulated in order regarding award of work.

12. TERMS AND CONDITIONS:

All terms and conditions other than specified in this EOI shall remain applicable in reference to e-Tender No. AGL/Head Office/Contract and Purchase/29/23-24/ET/29 [MDPE LAYING AND LMC WORK] dated 12.01.2024.



अवंतिका गैस लिमिटेड
AAVANTIKA GAS LIMITED
A Joint Venture Company of GAIL & HPCL

Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

ANNEXURE-1

FORMAT FOR SUBMISSION OF EXPRESSION OF INTEREST (EOI)

To,

**Manager C&P Department
Aavantika Gas Limited
2nd Floor, B Block NRK Business Park, Vijay Nagar Square,
Indore (M.P.) 452010**

Subject: Submission of Expression of Interest for execution of Last Mile Connectivity (LMC) Work at Indore GA (including Ujjain & Pithampur) & Gwalior GA

Dear Sir,

1. With reference to the EOI Ref.: **AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25** and after examining the detailed EOI document, selection process published rates and other terms and conditions mentioned in the EOI document for "Last Mile Connectivity Work at Indore GA & Gwalior GA", I/We hereby offer to submit my / our Expression of Interest.
2. All documents necessary in this connection and as required in EOI are enclosed hereto. All the documents/ photocopies of the documents have been self-attested by me/us and Aavantika Gas Limited is free to reject our candidature if any of the documents/photocopies of the documents is/are found to be false or forged.
3. The information sought from me as per the EOI notice is enclosed along with other mandatory details required in the EOI to this letter.
4. I/We hereby give our **Acceptance** against your offered Schedule of Rates (SOR) in line with terms & conditions of AGL eTender No. AGL/Head Office/Contract and Purchase/29/23-24/ET/29 [MDPE LAYING AND LMC WORK] dated 12.01.2024.

Name of Contractor :
Category of Application :
(Partnership Firms, Proprietorship Firms)
Contractor Address :
Contact Person Name, Designation & Contact No. :
Signature & Stamp of Authorized Signatory) :
Email Id :
GST & PAN No. :

Bidders Seal and Sign:



अवंतिका गैस लिमिटेड
AAVANTIKA GAS LIMITED
A Joint Venture Company of GAIL & HPCL

Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

NO DEVIATION CONFIRMATION
(On Bidder's letter head)

p
Aavantika Gas Limited
202 – B, 2nd Floor, NRK Business Park,
Vijay Nagar Square, A.B. Road,
Indore (M.P), Pin – 452010

Dear Sir,

We understand that any deviation / exception in any form may result in rejection of bid. We, therefore, certify that we have not taken any exceptions/deviations anywhere in the bid and we agree that if any deviation / exception is mentioned or noticed, our bid may be rejected.

(SEAL AND SIGNATURE OF BIDDER)



अवंतिका गैस लिमिटेड
AAVANTIKA GAS LIMITED
A Joint Venture Company of GAIL & HPCL

Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

DECLARATION (on Bidder's letter head)

Ref No.

Date:

Aavantika Gas Limited, Indore (M.P.)

We confirm that we have not been banned by any CGD Company for the tendered product/service.

SEAL AND SIGNATURE OF BIDDER



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

SCHEDULE OF RATES (SOR)					
LOT-1 : INDORE GA (Including Ujjain)					
NOT QUOTED <input type="checkbox"/>					
QUOTED <input type="checkbox"/>					
Sr. No.	Description	Unit of Measurement	Quantity	Unit Rate Excluding GST in Rs.	Total Amount Excluding GST in Rs.
MDPE LAYING & GI INSTALLATION WORK					
1	Construction, Installation, Testing and Commissioning of MDPE pipes. This includes supply of all material which is not in scope of owner like PE electrofusion fittings, warning tapes, Transition Fittings, RCC Guards, etc.				
	Receiving and taking over, handling, loading, transportation and unloading of owner supplied MDPE pipes, and other free issue items from Owner's designated stock yards to Contractor's own stock-yards/ workshops/ work-sites with proper storing, stacking, identification, providing security and insurance cover.				
	Preparation and getting approval of schedules, execution procedures, drawings/ sketches/ wherever required, making trial pits to determine the underground utilities/ services etc. restoration of the abandoned trial pits to original condition.				
	Line marking and Grading of the ROU, barricading the work area as per AGL Safety Policy, local authorities norms & to the satisfaction of EIC, installation of safety signs and boards, trenching to required depth, repairing of all damaged utilities if any, and payment of any compensation (if claimed by owner/ other utility agencies/third party)				
	Sand/Soft Soil Padding of 75mm at the trench bottom including supply of Sand/Soft Soil				
	Uncoiling & stringing of pipes, clamping, jointing of the pipe ends/ fittings/ valves by qualified personnel using approved electro-fusion techniques as per specification.				
	Lowering the pipeline in trench to required depths, filling sand around and upto 75 mm from top of pipe, soft graded soil layer of 125 mm above layer of sand, insertion of carrier pipe inside the Casing pipe wherever required by AGL (Supply as per specification attached) and placement of warning mat over the pipeline along the complete route, padding around pipeline with suitable approved soil, backfilling with available excavated material after screening, compaction with jumping jack compactor and water at subsequent layers of 150 mm above warning mat. All tiles/ slabs/ curb stones etc removed during excavation shall be placed properly. Roads, pavements, footpaths etc. to be made motorable wherever pipeline is laid.				
	Installation and electro fusion jointing of valves, wherever required and as directed by Engineer-in-charge.				
	Restoration of area to original condition, including cleaning the area of all unserviceable materials, debris, excess earth near trenches to the designated disposal area as per instruction and complete satisfaction of local authorities /Owner/ Engineer -in- Charge.				
	Restoration of all surrounding ground features to that existing before as directed by Engineer-in- charge which would also include replanting of any uprooted trees etc, if required.				
	Flushing, cleaning ,Pneumatic testing, purging with nitrogen and commissioning as per specification and approved procedures with providing all tools and tackles, nitrogen, calibrated instruments, qualified manpower and other related accessories and as per the instructions of the Engineer-in Charge.				
	Maintaining the completed pipelines / installation for any defect / failures due to material or workmanship during defect liability period (i.e. 12 months from date of commissioning)..				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Handing over the completed works to AGL for their operation/ use, returning of all surplus material to AGL stores, reconciliation of free issue material area wise and obtaining no objection certificate.				
	Preparation and submission of Daily progress report, Laying Graphs on daily basis to EIC. Submission of Weekly report, Monthly Progress Report alongwith material reconciliation statement to EIC..				
	Preparation and submission of As built drawings, crossings details, graphs and deviation statements before commissioning of pipelines.				
	Submission of all documents required for contract closure as per instruction of EIC in numbers as mentioned in contract.				
	Any other activities not mentioned / covered explicitly above, but otherwise required for satisfactory completion /operation/ safety / statutory / maintenance of the works shall also be covered under the scope of work and has to be completed by the Contractor within specified schedule at no extra cost to AGL				
	Making trial pits at a distance of 40 to 50 Mtrs or as per the instructions of Site In Charge/Engineer In Charge to ensure the exact location of pipeline and condition of Pipe wherever the pipeline is laid by the HDD Method and the HDD/Shot Length is upto or more than 80 Mtrs and to do the liasoning with the local bodies/residents to facilitate the job/making the pits. The pit location is to be marked on the Graph/As Graph. No extra payment shall be payable to the Contractor for carrying out this activity.				
	Payment for only linear measurement will be paid as per SOR. No payment for vertical pipe will be paid.				
1.1	Laying in all kind of surfaces (normal, unprepared, built-up, hard surface of any kind like asphalted, concrete, tiled, paved, brick lined, etc.) by any method (open cut/molling/directional drilling, etc confirming to statutory permissions) in all type of soil strata				
a	20 mm PE pipe	Meters	1,880	313.34	5,89,076.38
b	32 mm PE pipe	Meters	4,552	346.36	15,76,614.51
c	63 mm PE pipe	Meters	1,215	435.74	5,29,423.40
d	125 mm PE pipe	Meters	308	580.99	1,78,944.73
1.2	Supply and Installation of HDPE Casing Pipe (PE 80 SDR 11 Min PN6 Grade). Pipe laying using open cut/ manual boring / machine boring/ HDD (directional drilling) technique for carrier pipe:				
	The rate for laying/ insertion of carrier pipe will be paid seperately as per SOR 1.1				
a	HDPE casing size 90mm	Meters	4	910.60	3,642.39
b	HDPE casing size 160mm	Meters	4	1446.90	5,787.58
c	HDPE casing size 250mm	Meters	4	2228.99	8,915.97
Note:	Payment shall be made on the actual length of Casing Pipe. However, payment for Carrier Pipe inside Casing Pipe shall be paid as per Item No.- 1 of Main line Laying.				
1.3	Crossing (With Steel Casing Pipe)				
	Installation of Steel Casing Pipe by Boring/Jacking/Horizontal Directional Drilling for Rail, National Highway, River and Major Nullahs wherever required in all types of soil and terrain, including all associated works as per the permission from Authority including supply of all other contractor supplied materials viz. casing end seals including supply of all other materials, equipments, consumables, manpower, welding as per the drawings, specifications and instructions of E.I.C.				
a	Installation with 6" NB Steel Casing Pipe	Meters	2	4469.16	8,938.32



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

b	Installation with 10" NB Steel Casing Pipe	Meters	2	5586.45	11,172.89
Note:	Payment shall be made on the actual length of Casing Pipe. However, payment for Carrier Pipe inside Casing Pipe shall be paid as per Item No.- 1 of Mainline Laying.				
Note:	Quantities has to be procured with due approval of E.I.C				
2	Supply of Steel Casing Pipe				
a	6" NB, 6.4mm Thick- IS: 3589/API 5L Gr. B / IS: 2062 Gr. B	Meters	2	2234.57	4,469.15
b	10" NB, 6.4mm Thick- IS: 3589/API 5L Gr. B / IS: 2062 Gr. B	Meters	2	3575.32	7,150.64
Note:	Quantities has to be procured with due approval of E.I.C				
3	Supply and Installation of HDPE Sleeve during GC Work				
	Supply and Installation HDPE Sleeve of Dia 32 mm (PE 100, at least PN 8 and thickness 3.6 mm) as a protective sleeve to the 20 mm MDPE carrier pipe at GC work till the carrier pipe top cover become 1.0 mtr.	M	644	31.42	20,235.29
4	Laying of Service Lines (20 mm) for LMC work (upto 8 meters) (O&M Area)				
4.1	Taking tap off from existing charged line and laying of Service line (20 mm Dia.) up to installation of TF by excavation in all types of surfaces (by any methodology Open cut, Moling etc). Rates to include supply of all necessary PE fittings, TF, GI sleeves, construction of Pedestal /TF guard/ Crimp guard, Warning mats etc. The rates to include liaison work with concerned authorities, House Owners, Housing societies etc, no separate liaison amount will be payable other than this for laying of service line for LMC work to DPNG connections.	Nos	266	3807.20	10,12,714.58
Notes:	a. The above SOR will be applicable for all cases where the Contractor has to lay the service line for executing LMC work to DPNG connections. The fix length of 8 meters will be measured from the saddle / tap off point up to the TF after taking tap off from existing charged lines. The amount will be payable for the number of TFs / GC done. Even if more than one TF is installed from the same tapping point / pit, it will be considered for payment. However, this SOR shall not be applicable for laying of service line and installation of TFs in Multi Storied Buildings.				
	b. The work for excavation at the Saddle point will be payable under separate SOR.				
	c. Restoration of both the pits (saddle & TF side) will be payable under separate SOR.				
	d. Supply & Installation of HDPE Casing will be payable under separate SOR.				
4.2	TF installation at fresh/ uncharged area (Project Area)–				
	a. Supply & Installation of all necessary PE fittings, TF, GI sleeves, construction of Pedestal /TF guard/ Crimp guard, Warning mats etc.	Nos.	378	560.50	2,11,869.00
	b. 20mm MDPE Laying will be payable under separate SOR.				
	c. No separate amount for excavation at the Tee point for connection of domestic connection.				
	d. Restoration of both the pits (saddle & TF side) will be payable under separate SOR.				
	e. Supply & Installation of HDPE Casing will be payable under separate SOR.				
	f. No Separate amount for 20mm liaising				
5	Removing and Restoration of Built-up Surfaces				
a	Breaking and Restoration of the hard surfaces of roads including Asphaltting, metal, Cement concrete, bituminous, Tiles/ Slabs/ Blocks/ Curb stones / Footpath, Brick setting/ channels etc. to original condition including supply of the approved quality material required, as per AGL & local authorities norms, obtaining NOC from concerned local	RM	1,841	553.06	10,18,175.90



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	authorities / land owners/ third party inspection agencies designated by AGL / local authority and to the satisfaction of the Engineer-in-Charge.				
b	Restoration of the hard surface of roads above 6" thickness	M ³	4	7374.02	29,496.09
6	Excavation of hard rock wherever hard rock of single piece exceeding 1.5m in length removable by pneumatic chisel/ drill as per specifications and direction of EIC	Cu Meters	8	3351.86	26,814.89
7	Excavation of soft rock / murrum	Cu Meters	32	726.24	23,239.66
8	Excavation of pit for Hook up/Saddling of Exiting Charged line at any depth for Connecting PNG Customers				
a	Pipeline Depth upto 1.5 Mtrs	M ³	207	576.87	1,19,412.75
b	Pipeline Depth 1.5 to 2 Mtrs	M ³	56	625.14	35,007.63
c	Pipeline Depth more than 2 Mtrs	M ³	48	673.39	32,322.66
9	Construction of Valve Chamber as per the Drawing & Installation, Testing & Commissioning of PE Valves of all sizes in Valve Chamber. This includes Electrofusion Jointing/Tie-in with main pipeline. Chamber cover shall be pre-cast only conforming to M 35 strength. No additional charges to be paid for supply of sand in valve chamber. Chamber walls to be prepared by shoring.	No	5.00	17876.62	89,383.09
10	Supply and Installation of Route Markers				
a	RCC Route Markers as per Sketch: Supply, fabrication and installation of RCC route markers, at distance of every 50 meter, as per the attached drawings, along the route including all associated civil works such as excavation and construction in all types of soils, grouting with concrete, clearing, supply and application of approved color and quality of primer and paint, stencil letter cutting of numbers, direction, chainage etc. restoration of area to original condition and performing all works as per drawings, specification and instruction of EIC. Markers are also required to be installed at all T points of pipeline, end point of pipeline, both end at every road crossing, and as per direction of EIC.	Nos	122	558.65	68,155.16
b	Pipeline Warning Sign Markers with Foundation As per Sketch: Supply, fabrication and installation of warning pole markers, at distance of every 200 meter, as per the attached drawings, including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, stencil letter cutting and painting of numbers, direction, chainage, etc. restoration of area to original condition as per the instruction of EIC.	Nos	30	3240.14	97,204.15
c	Pipeline Warning Sign Markers without Foundation as per Sketch (Plate Marker): Supply, fabrication and installation of warning markers as per the attached drawings and as per the instruction of EIC.	Nos	644	279.32	1,79,884.94
11	CIVIL WORKS				
a	Plain Cement Concrete				
	Supplying and laying plain cement concrete (including shuttering of required) in all types of concrete works including leveling courses below foundation, substructure, superstructure, chambers, cable trench, under floors and any other locations, at all levels as per drawings, specifications and directions of EIC				
	PCC 1:4:8 1 Cement: 4 Coarse sand: 8 stone aggregate 40 mm nominal size	M ³	4	6791.39	27,165.56
Note:	Rate to include cost of all labour, tools, tackles, equipment, hire charges, supply of all materials, shuttering, earth work in excavation and backfilling using approved earth in all conditions etc. with all bye works and sundry works.				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

b	Reinforced Cement Concrete				
	Providing and laying reinforced of grade M-20 with 20 mm and down grade crushed stone aggregate in all types of structures like foundations, pedestals, pedestal bases, pipe supports, sleepers cable trench including construction joints, bitumen painting on surface in contact with soil, providing and fixing reinforcing steel, shuttering, inserts, finishes etc. at all depths and heights complete as per drawings , specifications and direction of the Engineer-in-Charge.	M ³	2	9054.40	18,108.80
Note:	Rate to include cost of all labour, tools, tackles, equipment , hire charges, supply of all materials, such as minimum 43 grade cement including sulphate resistant cement for sub structures, R/F steel, Inserts, bolts, conduits, bitumen, other minor construction materials, shuttering tanging, earth work in excavation and backfilling using serviceable earth in all conditions shorting bailing and pumping out water, testing of concrete, curing etc. will all bye works and sundry works.				
12	Liaisoning and Permission Work:				
a	To get permission by liaisoning / preparation of drawings from Statutory Authorities like (IMC/IDA/PWD/MPRDC), Municipal Corporation & Development Authority and submit to AGL Engineer in Charge (However necessary required documents for Permission will be given by AGL to Contractor for further submission to Authority and statutory demand charges from Authority will be paid by AGL), Job also includes getting NOC and BG return from Authorities (only if instructed to do so) after completion of work and submission to AGL Engineer in Charge. Payment shall be made towards the actual length laid.	Meters	2,430	55.24	1,34,229.69
b	To get permission for Special Crossings by liaisoning / preparation of drawings like Railway Authorities/NHAI/River/Canal/Major Nullahs and submit to AGL EIC (However necessary required documents for permission will be given by AGL to Contractor for further submission to Authority and Statutory Demand Charges from Authority will be paid by AGL). Job also includes obtaining NOC & BG from Authorities after completion of work.	Nos	1	42392.55	42,392.55
c	Liaison with local authorities for laying of all pipe sizes (where written permissions are not available): This SOR will be applicable for all sizes and areas where there is some validity related issues for earlier received permissions or not. Laying work has already been carried out and only few areas are pending for laying.	Meters	2,430	27.62	67,114.85
13	Liaisoning and Obtaining NOC from House Owners/Housing Societies:				
	To do liaisoning from House Owners/Housing Societies Job also includes getting NOC after completion of work and submission to AGL Engineer in Charge. This shall be applicable only for laying of MDPE network of any size (20mm & above) inside Housing Societies (closed campus) / Multi storied building Societies.	Meters	1,215	24.13	29,319.80
14	GI/ Copper Pipe installation				
	Supply and Installation of "C" Class GI Service Pipes with GI Fittings including elbow, Tees, Cross, Union, Socket Reducer, Nipple, End Cap, End plug, Isolation Valves, Appliance Valve and other necessary fittings, etc of NPT Thread				
	Preparation and approval of schedules , execution procedures, sketches.				
	Finalization of optimum route with consent of customer and AGL representative / TPI, from transition fitting to meter inlet.				
	Supply and Installation of GI Pipes , Fittings and Valves including NPT threading, painting as specified.				
	Supply & Fixing of approved, Clamps, Dowell Plugs with SS screws, grout material, suitable thread sealant i.e. Teflon Tape/ lock tight, drilling of holes through tiles / wood/ marble/ Granite etc . Jointing of PE to aboveground service GI pipes, testing, purging and commissioning of the complete installation.				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Drilling of holes through walls with proper heavy duty Hammer Drill Machine, tools & tackles, using proper sealant/ grout material & colours to match original, replacement of damages during drilling, restoring the area to original condition to the satisfaction of Owner/ EIC.				
	All above activities to be carried out as per specification to the complete satisfaction of consumer & as directed by EIC.				
	Testing, purging, commissioning, of Network; submission of as built drawing for PE line (plotting service line in main network line) and isometric drawing of GI installation duly accepted by customer and owner / owner's representative				
	Any other activity not mentioned / covered, explicitly above, but otherwise required for satisfactory completion/ safety/ statutory/ maintenance of works shall also be covered under scope of work and has to be completed by contractor within specified schedule at no extra cost to AGL.				
	Supply of all tools, tackles, Safety Harness Belt of approved quality and consumables required to execute the work in an efficient manner. Updation of daily RFC & Conversion details executed at site on daily basis in AGL portal through proper portal data entry operator. Contractor has to maintain proper data entry operator at his site office with laptop / desktop and update daily activity on AGL portal daily basis.				
14.1	Supply & Installation of "C" Class GI Service Pipes with GI Fittings including Elbow, Tees, Cross, Union, Socket, Reducer, Nipple, End Cap, End Plug, Isolation Valve, Appliance Valve and all other require fittings etc of NPT Thread (as per detailed work description stated at sr. no. 14 above)				
a	1/2" NB GI Pipe Threaded after isolation valve of Regulator piece	Meters	12,040	398.58	47,98,885.82
b	1/2" NB GI Pipe welded after isolation valve of Regulator piece (forged fittings)	Meters	4	550.66	2,202.63
c	1/2" NB GI Pipe (Regulator Piece) including Isolation Valve	Meters	644	534.92	3,44,485.49
14.2	Supply & Installation of 1" & 3/4" NB GI Pipe & all other GI fittings, Isolation Valves, plugs etc required to execute the job (as per detailed work description stated at sr. no. 14 above)				
a	Supply & Installation of 3/4" NB GI Pipe threaded (includes installation of Isolation valve & Regulator)	Meters	80	430.04	34,403.34
b	Supply & Installation of 3/4" NB GI Pipe Welded after Isolation Valve (Forged Fittings)	Meters	20	681.77	13,635.36
c	Supply & Installation of 1 NB GI Pipe Threaded/Welded (Forged Fittings)	Meters	20	781.42	15,628.30
14.3	Online Tapping on existing charged Risers in Multi Storied Buildings (up to 4 meters)				
	Supply and installation of GI pipe as per specifications by taking tap off from existing riser (lateral isolation valve) - The cumulative length of 1/2" powder coated GI pipe up to 4 m after lateral isolation valve up to appliance along with installation of meter, meter regulator (if required). Rates to include supply of pipe, fittings Isolation Valves (Lateral, Meter & Appliance) any other material required for execution of work, testing, purging & commissioning up to the Appliance. This SOR item shall be measured in number of Online tapping done up to Appliance. Site Coordination / Liaison with Housing Societies (if any) is included in the rates. Additional quantity above 4 Meters (GI + Cu) shall be payable only in case if cumulative length exceeds 4 m. Note-Note- Additional length of (GI / Cu) (>4 Meters) shall be paid under separate SOR No. 14.1 (as per detailed work description stated at sr. no. 14 above)	Nos.	80	3641.13	2,91,290.07
15	Supply and Installation of Copper Service Pipes including Supply of Copper Pipes and Copper Fittings and GI appliance valve including Elbow, Tees, Cross, Socket, Reducer, End Cap, End Plug, Disconnect union, adppter for appliance valves, all soldering consumables, flux application and all other required fittings to complete the work				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Preparation and approval of schedules , execution procedures, sketches.				
	Finalization of optimum route with consent of Customer & AGL representative / TPI from meter outlet to cooking oven/ appliance.				
	Making temporary but stable platforms/ scaffolding / rope ladders and all other safety devices.				
	Supply and Installation of Copper Pipes , Copper Fittings etc				
	Supply and Installation of GI Appliance Valves etc.				
	Supply & Fixing of approved, clamps, Dowell Plugs with screws, grout material, suitable thread sealant i.e. Teflon Tape/ lock tight, drilling of holes through tiles / wood/ marble/ Granite etc jointing of PE to aboveground service GI pipes, testing, purging and commissioning of the complete installation.				
	Restoring the wall surface to original by cleaning/ touching of corresponding paint to original as per instructions & to satisfaction of the owner. Preparation of laying records, meter reading etc. Reconciliation of free issue material on Monthly basis.				
	All above activities to be carried out as per specification to the complete satisfaction of Consumer & as directed by EIC.				
	Any other activity not mentioned / covered, explicitly above, but otherwise required for satisfactory completion/ safety/ statutory/ maintenance of works shall also be covered under scope of work and has to be completed by Contractor within specified schedule at no extra cost to AGL.				
	Drilling of holes through walls with proper heavy duty hammer drill Machine, tools & tackles, using proper sealant/ grout material & colours to match original, replacement of damages during drilling, restoring the area to original condition to the satisfaction of Owner/ EIC .				
	Supply of all tools, tackles and consumables required to execute the work in an efficient manner.				
a	Copper Pipe 12 mm dia X 0.6 mm Thick as per BS EN 1057	Meters	4	363.95	1,455.81
16	(Installation of Meter & Regulator) : Fixing of Meters & Regulators with associated inlet and outlet connections/ fittings including Meter Adaptors, Regulator inlet / outlet connection fittings, supply & fixing of approved meter brackets, isolatin valve and other supports by proper scaffolding/ grouting, Restoring the area to original condition as per specification and to complete satisfaction of consumer and EIC.				
a	Domestic Meters	Nos.	920	576.87	5,30,723.35
Note:	Meter Inlet can be connected with Annaconda (Material SS 316)/Meter Adaptor for Domestic Meter Installation All GI/Brass Fittings must be of NPT Thread.				
17	Conversion of Domestic Appliance				
	Conversion of all types of LPG kitchen appliances to NG based appliances, supply of rubber tube, changing of nozzles, jets and associated controls for domestic / commercial customers & imported appliances with proper tools & tackles.				
	Cleaning and performing minor maintenance, greasing etc of appliance, testing/ showing performance to the customer, signing of joint meter records (JMR) and instructing customer on use & safety norms, complete as per specifications & to satisfaction of Owner/ EIC.				
a	Burner	Nos.	2500	79.72	1,99,289.28
b	Grill	Nos.	2	89.38	178.77
c	Oven	Nos.	2	89.38	178.77
d	Supply of Rubber Hose (Approved Vendor make)	Nos.	1,000	75.52	75,515.74
18	Repair and rectification of uncharged/damaged MDPE pipe, laid by other contractor:				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

18.1	Flushing, Testing, Commissioning of any size of pipeline stretch and submission of as built autocad drawing for same. This includes supply of all material & tools tackles which is not in scope of owner like warning tapes, Trial Pit, excavation for pipeline rectification etc.(Fusion jointing of MDPE gas pipe line will be paid separately, as per SOR 20.2)	Meters	200	76.69	15,337.76
18.2	Fusion Jointing for pipe line connectivity(applicable only item 20.1)				
a	20 & 32 mm Dia PE Pipe	Nos.	2	96.52	193.03
b	63 & 125 mm Dia PE Pipe	Nos.	2	772.12	1,544.25
19	Supply & Installation of Service Regulator & Meter Regulator				
19.1	Service Regulator (SR) with regulator cover and TF installation	Nos.	2	19552.03	39,104.06
19.2	Meter Regulator	Nos.	200	458.20	91,639.03
20	Repair and rectification of uncharged GI Pipe, laid by other contractor:				
	Testing, Commissioning of any size of GI Pipe and submission of GI graph for same. This includes supply of all material & tools tackles which is not in scope of owner like GI Clamp, SS screw, Paint touch up etc.(Installation of New GI pipe will be paid separately)	Meters	20	43.70	874.00
Total Amount (Rs.)The Rates are inclusive of all Taxes and Duties But excluding GST which shall be paid extra @ 18%					1,26,62,948



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

SCHEDULE OF RATES (SOR)					
LOT-2 : GWALIOR GA					
NOT QUOTED <input type="checkbox"/>					
QUOTED <input type="checkbox"/>					
Sr. No.	Description	Unit of Measurement	Quantity	Unit Rate Excluding GST in Rs.	Total Amount Excluding GST in Rs.
MDPE LAYING & GI INSTALLATION WORK					
1	Construction, Installation, Testing and Commissioning of MDPE pipes. This includes supply of all material which is not in scope of owner like PE electrofusion fittings, warning tapes, Transition Fittings, RCC Guards, etc.				
	Receiving and taking over, handling, loading, transportation and unloading of owner supplied MDPE pipes, and other free issue items from Owner's designated stock yards to Contractor's own stock-yards/ workshops/ work-sites with proper storing, stacking, identification, providing security and insurance cover.				
	Preparation and getting approval of schedules, execution procedures, drawings/ sketches/ wherever required, making trial pits to determine the underground utilities/ services etc. restoration of the abandoned trial pits to original condition.				
	Line marking and Grading of the ROU, barricading the work area as per AGL Safety Policy, local authorities norms & to the satisfaction of EIC, installation of safety signs and boards, trenching to required depth, repairing of all damaged utilities if any, and payment of any compensation (if claimed by owner/ other utility agencies/third party)				
	Sand/Soft Soil Padding of 75mm at the trench bottom including supply of Sand/Soft Soil				
	Uncoiling & stringing of pipes, clamping, jointing of the pipe ends/ fittings/ valves by qualified personnel using approved electro-fusion techniques as per specification.				
	Lowering the pipeline in trench to required depths, filling sand around and upto 75 mm from top of pipe, soft graded soil layer of 125 mm above layer of sand, insertion of carrier pipe inside the Casing pipe wherever required by AGL (Supply as per specification attached) and placement of warning mat over the pipeline along the complete route, padding around pipeline with suitable approved soil, backfilling with available excavated material after screening, compaction with jumping jack compactor and water at subsequent layers of 150 mm above warning mat. All tiles/ slabs/ curb stones etc removed during excavation shall be placed properly. Roads, pavements, footpaths etc. to be made motorable wherever pipeline is laid.				
	Installation and electro fusion jointing of valves, wherever required and as directed by Engineer-in-charge.				
	Restoration of area to original condition, including cleaning the area of all unserviceable materials, debris, excess earth near trenches to the designated disposal area as per instruction and complete satisfaction of local authorities /Owner/ Engineer -in- Charge.				
	Restoration of all surrounding ground features to that existing before as directed by Engineer-in- charge which would also include replanting of any uprooted trees etc, if required.				
	Flushing, cleaning ,Pneumatic testing, purging with nitrogen and commissioning as per specification and approved procedures with providing all tools and tackles, nitrogen, calibrated instruments, qualified manpower and other related accessories and as per the instructions of the Engineer-in Charge.				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Maintaining the completed pipelines / installation for any defect / failures due to material or workmanship during defect liability period (I.e. 12 months from date of commissioning)..				
	Handing over the completed works to AGL for their operation/ use, returning of all surplus material to AGL stores, reconciliation of free issue material area wise and obtaining no objection certificate.				
	Preparation and submission of Daily progress report, Laying Graphs on daily basis to EIC. Submission of Weekly report, Monthly Progress Report alongwith material reconciliation statement to EIC..				
	Preparation and submission of As built drawings, crossings details, graphs and deviation statements before commissioning of pipelines.				
	Submission of all documents required for contract closure as per instruction of EIC in numbers as mentioned in contract.				
	Any other activities not mentioned / covered explicitly above, but otherwise required for satisfactory completion /operation/ safety / statutory / maintenance of the works shall also be covered under the scope of work and has to be completed by the Contractor within specified schedule at no extra cost to AGL				
	Making trial pits at a distance of 40 to 50 Mtrs or as per the instructions of Site In Charge/Engineer In Charge to ensure the exact location of pipeline and condition of Pipe wherever the pipeline is laid by the HDD Method and the HDD/Shot Length is upto or more than 80 Mtrs and to do the liasoning with the local bodies/residents to facilitate the job/making the pits. The pit location is to be marked on the Graph/As Graph. No extra payment shall be payable to the Contractor for carrying out this activity.				
	Payment for only linear measurement will be paid as per SOR. No payment for vertical pipe will be paid.				
1.1	Laying in all kind of surfaces (normal, unprepared, built-up, hard surface of any kind like asphalted, concrete, tiled, paved, brick lined, etc.) by any method (open cut/molling/directional drilling, etc confirming to statutory permissions) in all type of soil strata				
a	20 mm PE pipe	Meters	1,700	322.84	5,48,823.93
b	32 mm PE pipe	Meters	3,569	356.86	12,73,620.88
c	63 mm PE pipe	Meters	675	448.95	3,03,040.71
d	125 mm PE pipe	Meters	210	598.60	1,25,706.53
1.2	Supply and Installation of HDPE Casing Pipe (PE 80 SDR 11 Min PN6 Grade). Pipe laying using open cut/ manual boring / machine boring (directional drilling) technique (With HDPE Casing Pipe) for carrier pipe sizes of:				
	Survey of underground utilities, execution of the work as per specification, including excavation of pits with the hole size not exceeding 20% of the pipe dia, jointing and insertion of carrier pipe without casing and subsequent backfilling, compaction restoration of the pits to its original condition as per specifications and the instructions of Engineer-in-Charge				
a	32mm Pipe (HDPE casing size 90mm)	Meters	5	938.20	4,691.02
b	63mm Pipe (HDPE casing size 160mm)	Meters	5	1490.76	7,453.80
c	125mm Pipe (HDPE casing size 250mm)	Meters	5	2296.57	11,482.83
Note:	Payment shall be made on the actual length of Casing Pipe. However, payment for Carrier Pipe inside Casing Pipe shall be paid as per Item No.- 1 of Main line Laying.				
1.3	Crossing (With Steel Casing Pipe)				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Supply & Installation of Steel Casing Pipe by Boring/Jacking/Horizontal Directional Drilling for Rail, National Highway, River and Major Nullahs wherever required in all types of soil and terrain, including all associated works as per the permission from Authority including supply of all other contractor supplied materials viz. casing end seals including supply of all other materials, equipments, consumables, manpower, welding as per the drawings, specifications and instructions of E.I.C.				
a	Installation with 6" NB Steel Casing Pipe	Meters	3	4604.74	13,814.23
b	Installation with 10" NB Steel Casing Pipe	Meters	3	5755.80	17,267.41
Note:	Payment shall be made on the actual length of Casing Pipe. However, payment for Carrier Pipe inside Casing Pipe shall be paid as per Item No.- 1 of Mainline Laying.				
Note:	Quantities has to be procured with due approval of E.I.C				
2	Supply of Steel Casing Pipe				
a	6" NB, 6.4mm Thick- IS: 3589/API 5L Gr. B / IS: 2062 Gr. B	Meters	3	2302.32	6,906.95
b	10" NB, 6.4mm Thick- IS: 3589/API 5L Gr. B / IS: 2062 Gr. B	Meters	3	3683.71	11,051.12
Note:	Quantities has to be procured with due approval of E.I.C				
3	Supply and Installation of HDPE Sleeve during GC Work				
	Supply and Installation HDPE Sleeve of Dia 32 mm (PE 100, at least PN 8 and thickness 3.6 mm) as a protective sleeve to the 20 mm MDPE carrier pipe at GC work till the carrier pipe top cover become 1.0 mtr.	M	665	32.37	21,528.58
4	Laying of Service Lines (20 mm) for LMC work (upto 8 meters) (O&M Area)				
4.1	Taking tap off from existing charged line and laying of Service line (20 mm Dia.) up to installation of TF by excavation in all types of surfaces (by any methodology Open cut, Molding etc). Rates to include supply of all necessary PE fittings, TF, GI sleeves, construction of Pedestal /TF guard/ Crimp guard, Warning mats etc. The rates to include liaison work with concerned authorities, House Owners, Housing societies etc, no separate liaison amount will be payable other than this for laying of service line for LMC work to DPNG connections.	Nos	350	3922.62	13,72,915.55
Notes:	a. The above SOR will be applicable for all cases where the Contractor has to lay the service line for executing LMC work to DPNG connections. The fix length of 8 meters will be measured from the saddle / tap off point up to the TF after taking tap off from existing charged lines. The amount will be payable for the number of TFs / GC done. Even if more than one TF is installed from the same tapping point / pit, it will be considered for payment. However, this SOR shall not be applicable for laying of service line and installation of TFs in Multi Storied Buildings.				
	b. The work for excavation at the Saddle point will be payable under separate SOR.				
	c. Restoration of both the pits (saddle & TF side) will be payable under separate SOR.				
	d. Supply & Installation of HDPE Casing will be payable under separate SOR.				
4.2	TF installation at fresh/ uncharged area (Project Area)–				
	a. Supply & Installation of all necessary PE fittings, TF, GI sleeves, construction of Pedestal /TF guard/ Crimp guard, Warning mats etc.	Nos.	315	577.49	1,81,909.98
	b. 20mm MDPE Laying will be payable under separate SOR.				
	c. No separate amount for excavation at the Tee point for connection of domestic connection.				
	d. Restoration of both the pits (saddle & TF side) will be payable under separate SOR.				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	e. Supply & Installation of HDPE Casing will be payable under separate SOR.				
	f. No Separate amount for 20mm liaising				
5	Removing and Restoration of Built-up Surfaces				
a	Breaking and Restoration of the hard surfaces of roads upto 6" thickness including Asphaltting, metal, Cement concrete, bituminous, Tiles/ Slabs/ Blocks/ Curb stones / Footpath, Brick setting/ channels etc. to original condition including supply of the approved quality material required, as per AGL & local authorities norms, obtaining NOC from concerned local authorities / land owners/ third party inspection agencies designated by AGL / local authority and to the satisfaction of the Engineer-in-Charge.	RM	1,818	569.82	10,35,936.80
b	Restoration of the hard surface of roads above 6" thickness	M ³	5	7597.57	37,987.86
6	Excavation of hard rock wherever hard rock of single piece exceeding 1.5m in length removable by pneumatic chisel/ drill as per specifications and direction of EIC	Cu Meters	8	3453.48	27,627.81
7	Excavation of soft rock / murrum	Cu Meters	50	748.26	37,412.79
8	Excavation of pit for Hook up/Saddling of Exiting Charged line at any depth for Connecting PNG Customers				
a	Pipeline Depth upto 1.5 Mtrs	M ³	273	594.36	1,62,260.71
b	Pipeline Depth 1.5 to 2 Mtrs	M ³	74	644.09	47,662.49
c	Pipeline Depth more than 2 Mtrs	M ³	63	693.80	43,709.60
9	Construction of Valve Chamber as per the Drawing & Installation, Testing & Commissioning of PE Valves of all sizes in Valve Chamber. This includes Electrofusion Jointing/Tie-in with main pipeline. Chamber cover shall be pre-cast only conforming to M 35 strength. No additional charges to be paid for supply of sand in valve chamber. Chamber walls to be prepared by shoring.	No	4.00	18418.56	73,674.24
10	Supply and Installation of Route Markers				
a	RCC Route Markers as per Sketch: Supply, fabrication and installation of RCC route markers, at distance of every 50 meter, as per the attached drawings, along the route including all associated civil works such as excavation and construction in all types of soils, grouting with concrete, clearing, supply and application of approved color and quality of primer and paint, stencil letter cutting of numbers, direction, chainage etc. restoration of area to original condition and performing all works as per drawings, specification and instruction of EIC. Markers are also required to be installed at all T points of pipeline, end point of pipeline, both end at every road crossing, and as per direction of EIC.	Nos	90	575.58	51,802.63
b	Pipeline Warning Sign Markers with Foundation As per Sketch: Supply, fabrication and installation of warning pole markers, at distance of every 200 meter, as per the attached drawings, including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, stencil letter cutting and painting of numbers, direction, chainage, etc. restoration of area to original condition as per the instruction of EIC.	Nos	23	3338.37	76,782.41
c	Pipeline Warning Sign Markers without Foundation as per Sketch (Plate Marker): Supply, fabrication and installation of warning markers as per the attached drawings and as per the instruction of EIC.	Nos	665	287.79	1,91,381.93
11	CIVIL WORKS				
a	Plain Cement Concrete				
	Supplying and laying plain cement concrete (including shuttering of required) in all types of concrete works including leveling courses below foundation, substructure, superstructure, chambers, cable trench, under floors and any other locations, at all levels as per drawings, specifications and directions of EIC				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	PCC 1:4:8 1 Cement: 4 Coarse sand: 8 stone aggregate 40 mm nominal size	M ³	2	6997.28	13,994.55
Note:	Rate to include cost of all labour, tools ,tackles, equipment , hire charges, supply of all materials, shuttering , earth work in excavation and backfilling using approved earth in all conditions etc. with all bye works and sundry works.				
b	Reinforced Cement Concrete				
	Providing and laying reinforced of grade M-20 with 20 mm and down grade crushed stone aggregate in all types of structures like foundations, pedestals, pedestal bases, pipe supports, sleepers cable trench including construction joints, bitumen painting on surface in contact with soil, providing and fixing reinforcing steel, shuttering, inserts, finishes etc. at all depths and heights complete as per drawings , specifications and direction of the Engineer-in-Charge.	M ³	1	9328.89	9,328.89
Note:	Rate to include cost of all labour, tools, tackles, equipment , hire charges, supply of all materials, such as minimum 43 grade cement including sulphate resistant cement for sub structures, R/F steel, Inserts, bolts, conduits, bitumen, other minor construction materials, shuttering tanging, earth work in excavation and backfilling using serviceable earth in all conditions shorting bailing and pumping out water, testing of concrete, curing etc. will all bye works and sundry works.				
12	Liaisoning and Permission Work:				
a	To get permission by liaisoning / preparation of drawings from Statutory Authorities like (IMC/IDA/PWD/MPRDC), Municipal Corporation & Development Authority and submit to AGL Engineer in Charge (However necessary required documents for Permission will be given by AGL to Contractor for further submission to Authority and statutory demand charges from Authority will be paid by AGL), Job also includes getting NOC and BG return from Authorities (only if instructed to do so) after completion of work and submission to AGL Engineer in Charge. Payment shall be made towards the actual length laid.	Meters	1,800	56.91	1,02,443.68
b	To get permission for Special Crossings by liaisoning / preparation of drawings like Railway Authorities/NHA/River/Canal/Major Nullahs and submit to AGL EIC (However necessary required documents for permission will be given by AGL to Contractor for further submission to Authority and Statutory Demand Charges from Authority will be paid by AGL). Job also includes obtaining NOC & BG from Authorities after completion of work.	Nos	1	43677.71	43,677.71
c	Liaison with local authorities for laying of all pipe sizes (where written permissions are not available): This SOR will be applicable for all sizes and areas where there is some validity related issues for earlier received permissions or not. Laying work has already been carried out and only few areas are pending for laying.	Meters	1,800	28.46	51,221.84
13	Liaisoning and Obtaining NOC from House Owners/Housing Societies:				
	To do liaisoning from House Owners/Housing Societies Job also includes getting NOC after completion of work and submission to AGL Engineer in Charge. This shall be applicable only for laying of MDPE network of any size (20mm & above) inside Housing Societies (closed campus) / Multi storied building Societies.	Meters	900	24.86	22,376.78
14	GI/ Copper Pipe installation				
	Supply and Installation of "C" Class GI Service Pipes with GI Fittings including elbow, Tees, Cross, Union, Socket Reducer, Nipple, End Cap, End plug, Isolation Valves, Appliance Valve and other necessary fittings, etc of NPT Thread				
	Preparation and approval of schedules , execution procedures, sketches.				
	Finalization of optimum route with consent of customer and AGL representative / TPI, from transition fitting to meter inlet.				
	Supply and Installation of GI Pipes , Fittings and Valves including NPT threading, painting as specified.				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Supply & Fixing of approved, Clamps, Dowell Plugs with SS screws, grout material, suitable thread sealant i.e. Teflon Tape/ lock tight, drilling of holes through tiles / wood/ marble/ Granite etc . Jointing of PE to aboveground service GI pipes, testing, purging and commissioning of the complete installation.				
	Drilling of holes through walls with proper heavy duty Hammer Drill Machine, tools & tackles, using proper sealant/ grout material & colours to match original, replacement of damages during drilling, restoring the area to original condition to the satisfaction of Owner/ EIC.				
	All above activities to be carried out as per specification to the complete satisfaction of consumer & as directed by EIC.				
	Testing, purging, commissioning, of Network; submission of as built drawing for PE line (plotting service line in main network line) and isometric drawing of GI installation duly accepted by customer and owner / owner's representative				
	Any other activity not mentioned / covered, explicitly above, but otherwise required for satisfactory completion/ safety/ statutory/ maintenance of works shall also be covered under scope of work and has to be completed by contractor within specified schedule at no extra cost to AGL.				
	Supply of all tools, tackles, Safety Harness Belt of approved quality and consumables required to execute the work in an efficient manner. Updation of daily RFC & Conversion details executed at site on daily basis in AGL portal through proper portal data entry operator. Contractor has to maintain proper data entry operator at his site office with laptop / desktop and update daily activity on AGL portal daily basis.				
14.1	Supply & Installation of "C" Class GI Service Pipes with GI Fittings including Elbow, Tees, Cross, Union, Socket, Reducer, Nipple, End Cap, End Plug, Isolation Valve, Appliance Valve and all other require fittlnqs etc of NPT Thread (as per detailed work description stated at sr. no. 14 above)				
a	1/2" NB GI Pipe Threaded after isolation valve of Regulator piece	Meters	12,400	410.66	50,92,206.07
b	1/2" NB GI Pipe welded after isolation valve of Regulator piece (forged fittings)	Meters	10	567.35	5,673.51
c	1/2" NB GI Pipe (Regulator Piece) including Isolation Valve	Meters	665	551.13	3,66,502.61
14.2	Supply & Installation of 1" & 3/4" NB GI Pipe & all other GI fittings, Isolation Valves, plugs etc required to execute the job (as per detailed work description stated at sr. no. 14 above)				
a	Supply & Installation of 3/4" NB GI Pipe threaded(includes installation of Isolation valve & Regulator)	Meters	100	443.08	44,307.88
b	Supply & Installation of 3/4" NB GI Pipe Welded after Isolation Valve(Forged Fittings)	Meters	25	702.44	17,560.90
c	Supply & Installation of 1 NB GI Pipe Threaded/Welded (Forged Fittinngs)	Meters	25	805.10	20,127.61
d	Supply & Installation of 2" NB GI Pipe welded (Forged Fittings)	Meters	45	1036.05	46,622.17
14.3	Online Tapping on existing charged Risers in Multi Storied Buildings (up to 4 meters)				



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

	Supply and installation of GI pipe as per specifications by taking tap off from existing riser (lateral isolation valve) - The cumulative length of 1/2" powder coated GI pipe up to 4 m after lateral isolation valve up to appliance along with installation of meter, meter regulator (if required). Rates to include supply of pipe, fittings Isolation Valves (Lateral, Meter & Appliance) any other material required for execution of work, testing, purging & commissioning up to the Appliance. This SOR item shall be measured in number of Online tapping done up to Appliance. Site Coordination / Liaison with Housing Societies (if any) is included in the rates. Additional quantity above 4 Meters (GI + Cu) shall be payable only in case if cumulative length exceeds 4 m. Note-Note- Additional length of (GI / Cu) (>4 Meters) shall be paid under separate SOR No. 14.1 (as per detailed work description stated at sr. no. 14 above)	Nos.	50	3751.51	1,87,575.47
15	Supply and Installation of Copper Service Pipes including Supply of Copper Pipes and Copper Fittings and GI appliance valve including Elbow, Tees, Cross, Socket, Reducer, End Cap, End Plug, Disconnect union, adopter for appliance valves, all soldering consumables , flux application and all other required fittings to complete the work				
	Preparation and approval of schedules , execution procedures, sketches.				
	Finalization of optimum route with consent of Customer & AGL representative / TPI from meter outlet to cooking oven/ appliance.				
	Making temporary but stable platforms/ scaffolding / rope ladders and all other safety devices.				
	Supply and Installation of Copper Pipes , Copper Fittings etc				
	Supply and Installation of GI Appliance Valves etc.				
	Supply & Fixing of approved, clamps, Dowell Plugs with screws, grout material, suitable thread sealant i.e. Teflon Tape/ lock tight, drilling of holes through tiles / wood/ marble/ Granite etc jointing of PE to aboveground service GI pipes, testing, purging and commissioning of the complete installation.				
	Restoring the wall surface to original by cleaning/ touching of corresponding paint to original as per instructions & to satisfaction of the owner. Preparation of laying records, meter reading etc. Reconciliation of free issue material on Monthly basis.				
	All above activities to be carried out as per specification to the complete satisfaction of Consumer & as directed by EIC.				
	Any other activity not mentioned / covered, explicitly above, but otherwise required for satisfactory completion/ safety/ statutory/ maintenance of works shall also be covered under scope of work and has to be completed by Contractor within specified schedule at no extra cost to AGL.				
	Drilling of holes through walls with proper heavy duty hammer drill Machine, tools & tackles, using proper sealant/ grout material & colours to match original, replacement of damages during drilling, restoring the area to original condition to the satisfaction of Owner/ EIC .				
	Supply of all tools, tackles and consumables required to execute the work in an efficient manner.				
a	Copper Pipe 12 mm dia X 0.6 mm Thick as per BS EN 1057	Meters	5	374.99	1,874.93
16	(Installation of Meter & Regulator) : Fixing of Meters & Regulators with associated inlet and outlet connections/ fittings including Meter Adaptors, Regulator inlet / outlet connection fittings, supply & fixing of approved meter brackets, isolation valve and other supports by proper scaffolding/ grouting, Restoring the area to original condition as per specification and to complete satisfaction of consumer and EIC.				
a	Domestic Meters	Nos.	950	594.36	5,64,643.49
b	Installation of Non Domestic Meters	Nos.	5	863.37	4,316.83



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

Note:	Meter Inlet can be connected with Annaconda (Material SS 316)/Meter Adaptor for Domestic Meter Installation				
	All GI/Brass Fittings must be of NPT Thread.				
17	Supply of Transition Fittings of following Sizes (Only for Non Domestic Customers)				
a	PE to Steel TF 32mm to 1" as per specification	Nos	4	748.26	2,993.02
b	PE to Steel TF 63mm to 2" as per specification	Nos	1	3568.60	3,568.60
b	PE to Steel TF 125mm to 4" as per specification	Nos	1	10360.44	10,360.44
18	Transportation & Installation of MRS				
	Receiving and taking over, handling, loading, transportation and unloading of MRS/ Metering Skid from Owner's designated stockyards/other location to concerned site				
Note:	Rate to include cost of all labour, tools, tackels, equipment, hire charged, etc.				
	This is a lump sum item rate however payment for all MDPE pipe laying for Hook-up, civil and structural works shall be made based on approved quantity executed at site as per item listed elsewhere in the SOR.				
	All Bolts, nuts, washer, U-clamps, gaskets etc. if required during installation shall be procured and supplied by the Contractor within the rate quoted. These items shall not be separately measured and paid.				
a	MRS of weight upto approx. 1 ton	Nos.	1	11511.60	11,511.60
19	Conversion of Domestic Appliance				
	Conversion of all types of LPG kitchen appliances to NG based appliances, supply of rubber tube, changing of nozzles, jets and associated controls for domestic / commercial customers & imported appliances with proper tools & tackles.				
	Cleaning and performing minor maintenance, greasing etc of appliance, testing/ showing performance to the customer, signing of joint meter records (JMR) and instructing customer on use & safety norms, complete as per specifications & to satisfaction of Owner/ EIC.				
a	Burner	Nos.	2500	82.13	2,05,330.89
b	Grill	Nos.	2	92.09	184.19
c	Oven	Nos.	2	92.09	184.19
d	Supply of Rubber Hose (Approved Vendor make)	Nos.	1,000	77.81	77,805.06
20	Repair and rectification of uncharged/damaged MDPE pipe, laid by other contractor:				
20.1	Flushing, Testing, Commissioning of any size of pipeline stretch and submission of as built autocad drawing for same. This includes supply of all material & tools tackles which is not in scope of owner like warning tapes, Trial Pit, excavation for pipeline rectification etc.(Fusion jointing of MDPE gas pipe line will be paid separately, as per SOR 20.2)	Meters	200	79.01	15,802.74
20.2	Fusion Jointing for pipe line connectivity(applicable only item 20.1)				
a	20 & 32 mm Dia PE Pipe	Nos.	5	99.44	497.21
b	63 & 125 mm Dia PE Pipe	Nos.	5	795.53	3,977.66
21	Supply & Installation of Service Regulator & Meter Regulator				
21.1	Service Regulator (SR) with regulator cover and TF installation	Nos.	1	20144.77	20,144.77
21.2	Meter Regulator	Nos.	100	472.09	47,208.57
22	Repair and rectification of uncharged GI Pipe, laid by other contractor:				
	Testing, Commissioning of any size of GI Pipe and submission of GI graph for same. This includes supply of all material & tools tackles which is not in scope of owner like GI Clamp, SS screw, Paint touch up etc.(Installation of New GI pipe will be paid separately)	Meters	200	45.02	9,004.96
Total Amount (Rs.)The Rates are inclusive of all Taxes and Duties But excluding GST which shall be paid extra @ 18%					₹ 1,26,89,481.61



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

SOR No.	Item	Description of SOR Items
1	MDPE Laying	Receiving and taking over, handling, loading, transportation and unloading of owner supplied MDPE pipes, and other free issue items from Owner's designated stock yards to Contractor's own stock-yards/ workshops/ work-sites with proper storing, stacking, identification, providing security and insurance cover.
		Preparation and getting approval of schedules, execution procedures, drawings/ sketches/ wherever required, making trial pits to determine the underground utilities/ services etc. restoration of the abandoned trial pits to original condition.
		Line marking and Grading of the ROU, barricading the work area as per AGL Safety Policy, local authorities norms & to the satisfaction of EIC, installation of safety signs and boards, trenching to required depth, repairing of all damaged utilities if any, and payment of any compensation (if claimed by owner/ other utility agencies/third party)
		Sand/Soft Soil Padding of 75mm at the trench bottom including supply of Sand/Soft Soil
		Uncoiling & stringing of pipes, clamping, jointing of the pipe ends/ fittings/ valves by qualified personnel using approved electro-fusion techniques as per specification.
		Lowering the pipeline in trench to required depths, filling sand around and upto 75 mm from top of pipe, soft graded soil layer of 125 mm above layer of sand, insertion of carrier pipe inside the Casing pipe wherever required by AGL (Supply as per specification attached) and placement of warning mat over the pipeline along the complete route, padding around pipeline with suitable approved soil, backfilling with available excavated material after screening, compaction with jumping jack compactor and water at subsequent layers of 150 mm above warning mat. All tiles/ slabs/ curb stones etc removed during excavation shall be placed properly. Roads, pavements, footpaths etc. to be made motorable wherever pipeline is laid.
		Installation and electro fusion jointing of valves, wherever required and as directed by Engineer-in-charge.
		Restoration of area to original condition, including cleaning the area of all unserviceable materials, debris, excess earth near trenches to the designated disposal area as per instruction and complete satisfaction of local authorities /Owner/ Engineer -in- Charge.
		Restoration of all surrounding ground features to that existing before as directed by Engineer-in-charge which would also include replanting of any uprooted trees etc, if required.
		Flushing, cleaning ,Pneumatic testing, purging with nitrogen and commissioning as per specification and approved procedures with providing all tools and tackles, nitrogen, calibrated instruments, qualified manpower and other related accessories and as per the instructions of the Engineer-in Charge.
		Maintaining the completed pipelines / installation for any defect / failures due to material or workmanship during defect liability period (I.e. 12 months from date of commissioning)..
		Handing over the completed works to AGL for their operation/ use, returning of all surplus material to AGL stores, reconciliation of free issue material area wise and obtaining no objection certificate.
		Preparation and submission of Daily progress report, Laying Graphs on daily basis to EIC. Submission of Weekly report, Monthly Progress Report alongwith material reconciliation statement to EIC..
		Preparation and submission of As built drawings, crossings details, graphs and deviation statements before commissioning of pipelines.
Submission of all documents required for contract closure as per instruction of EIC in numbers as mentioned in contract.		
Any other activities not mentioned / covered explicitly above, but otherwise required for satisfactory completion /operation/ safety / statutory / maintenance of the works shall also be covered under the scope of work and has to be completed by the Contractor within specified schedule at no extra cost to AGL		
2	Valve Chamber	Construction of Valve Chamber upto height of 1.5 Mtrs as per the Drawing & Installation, Testing & Commissioning of PE Valves in Valve Chamber. This includes Electrofusion Jointing/Tie-in with main pipeline. Chamber cover shall be pre-cast only conforming to M 35 strength.No additional charges to be paid for supply of sand in valve chamber.Chamber walls to be prepared by shoring.



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

3(a)	Route Markers	Supply, fabrication and installation of RCC route markers, at distance of every 50 meter, as per the attached drawings, along the route including all associated civil works such as excavation and construction in all types of soils, grouting with concrete, clearing, supply and application of approved color and quality of primer and paint, stencil letter cutting of numbers, direction, chainage etc. restoration of area to original condition and performing all works as per drawings, specification and instruction of EIC. Markers are also required to be installed at all T points of pipeline, end point of pipeline, both end at every road crossing, and as per direction of EIC.
3(b)	Warning Markers	Supply, fabrication and installation of warning pole markers, at distance of every 200 meter, as per the attached drawings, including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, stencil letter cutting and painting of numbers, direction, chainage, etc. restoration of area to original condition as per the instruction of EIC.
3(c)	Plate Markers	Pipeline Warning Sign Markers without Foundation as per Drawing (Plate Marker) . To be installed at every TF/GC point.
4	Restoration	Breaking and Restoration of the hard surfaces of roads including Asphaltting, metal, Cement concrete, bituminous, Tiles/ Slabs/ Blocks/ Curb stones / Footpath, Brick setting/ channels etc. to original condition including supply of the approved quality material required, as per AGL & local authorities norms, obtaining NOC from concerned local authorities / land owners/ third party inspection agencies designated by AGL / local authority and to the satisfaction of the Engineer-in-Charge.
5	Pipe Searching for GC	Excavation of pit for Hook up/Saddling of existing charged line at any depth for Connecting PNG Customers
6	PCC	PCC 1:4:8 1 Cement: 4 Coarse sand: 8 stone aggregate 40 mm nominal size. Rate to include cost of all labour, tools ,tackles, equipment , hire charges, supply of all materials, shuttering ,compaction earth work in excavation and backfilling using approved earth in all conditions etc. with all bye works and sundry works.
7	Liaisoning	To do liaisoning from House Owners/Housing Societies/Local Authorities/Local Bodies. Job also includes getting NOC after completion of work and submission to AGL Engineer in Charge. Applicable for MDPE 20mm & 32mm dia.
8	GI Installation	Preparation and approval of schedules , execution procedures, sketches. Finalization of optimum route with consent of customer and AGL representative / TPI, from transition fitting to meter inlet. Making temporary but stable platforms/ scaffolding / rope ladders and all other safety devices for installation of GI pipes. Supply and Installation of GI Pipes, GI Fittings and Valves including NPT threading, painting as specified. Installation of owner supplied Meter & Regulators etc. All consumables eg. Electrodes, flux etc. for welding pipes & fittings are under contractor's scope Supply & Fixing of approved, Clamps, Dowell Plugs with SS screws, grout material, suitable thread sealant i.e. Teflon Tape/ lock tight, drilling of holes through tiles / wood/ marble/ Granite etc . Jointing of PE to aboveground service GI pipes, testing, purging and commissioning of the complete installation. Touch-up of damaged portion of pipe along with fittings after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specification & direction of EIC. Restoring the wall surface to original by cleaning/ touching of corresponding paint to original as per instructions & to satisfaction of the owner. Preparation of laying records, meter reading etc. Drilling of holes through walls with proper heavy duty Hammer Drill Machine, tools & tackles, using proper sealant/ grout material & colours to match original, replacement of damages during drilling, restoring the area to original condition to the satisfaction of Owner/ EIC.



Expression of Interest for DPNG Last Mile Connectivity (LMC) Work

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

Reference No.: AGL/EOI/474/PROJECT/LMC DPNG WORK/2024-25

Date: 27.09.2024

		Supply & Installation of 1/2" NB GI Pipe (Regulator Piece) including Isolation Valve and end plug. The end plug should be installed till GI plumbing work is further assigned in the same house.
		All above activities to be carried out as per specification to the complete satisfaction of consumer & as directed by EIC.
		Testing, purging, commissioning, of Network submission of as built drawing for PE line (plotting service line in main network line) and isometric drawing of GI & Copper installation duly accepted by customer and owner / owner's representative
		Any other activity not mentioned / covered, explicitly above, but otherwise required for satisfactory completion/ safety/ statutory/ maintenance of works shall also be covered under scope of work and has to be completed by contractor within specified schedule at no extra cost to AGL.
		Supply of all tools, tackles, Safety Harness Belt of approved quality and consumables required to execute the work in an efficient manner.
9	Copper Pipe Installation	Preparation and approval of schedules , execution procedures, sketches.
		Finalization of optimum route with consent of Customer & AGL representative / TPI from meter outlet to cooking oven/ appliance.
		Making temporary but stable platforms/ scaffolding / rope ladders and all other safety devices.
		Supply and Installation of Copper Pipes , Copper Fittings etc
		Supply and Installation of GI Appliance Valves etc.
10	Installation of Meter & Regulator	(Installation of Meter & Regulator) : Fixing of Meters & Regulators with associated inlet and outlet connections/ fittings including Meter Adaptors, SS 316 material Anaconda, Regulator inlet / outlet connection fittings, supply & fixing of approved meter brackets and other supports by proper scaffolding/ grouting, Restoring the area to original condition as per specification and to complete satisfaction of consumer and EIC. Installation with Anaconda is not mandatory.
11	Service Regulator	Supply, Testing & Installation of Service Regulators and painting as per technical specification. Any other material & activities not mentioned/covered above, but otherwise required for satisfactory completion/safety of work as defined in tender has to be supplied / done by contractor with in specified schedule at no extra cost to owner.
12	Conversion	Conversion of all types of LPG kitchen appliances to NG based appliances, supply & changing of nozzles, rubber hose , jets and associated controls for domestic / commercial customers & imported appliances with proper tools & tackles.
		Cleaning and performing minor maintenance, greasing etc of appliance, testing/ showing performance to the customer, signing of joint meter records (JMR) and instructing customer on use & safety norms, complete as per specifications & to satisfaction of Owner/ EIC. Conversion: 3 days from the date of award of front after RFC