



INDRAPRASTHA GAS LIMITED

(A Joint Venture of GAIL (India) Ltd., BPCL & Govt of NCT of Delhi)

CONTRACT

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| Vendor Code : 23671 Cordant Associates Pvt. Ltd. H.No. - 56, Near Bank of Baroda, Badli, Delhi 110042 Telephone : 011-47023550 Mobile : 9560192292 Fax : Email : manish25170@yahoo.co.in | Contract No : 7700003846 Contract Date : 14.07.2025 Contract Type : IGL Value Contract Currency : INR Bank Guarantee : Applicable |
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SUBJECT

Rate Contract for Hiring Services for Repair and Maintenance of PNG Installations/Assets and Customer Complaints / Request Services for PNG Control Rooms in Delhi & NCR (Ghaziabad, Noida, Gr. Noida and Hapur)

GENERAL

This is in reference to your bid offer ref. no. CAPL/25-26/002 submitted against IGL e-tender no. IGL/ET2/CP/CP18457 dated 26.05.2025 for the subject work, leading to issuance of Letter of Acceptance (LOA) ref. no. IGL/ET2/CP/CP18457/1682 dated 04.07.2025. IGL is pleased to place this Rate Contract for Hiring Services for Repair and Maintenance of PNG Installations/Assets and Customer Complaints / Request Services for PNG Control Rooms in Delhi & NCR (Ghaziabad, Noida, Gr. Noida and Hapur).

The work shall be carried out strictly in accordance with the terms and conditions set out below, which forms an integral part of this Contract. No variation of any nature shall be permitted to these conditions except with Purchaser's prior consent in writing.

SCOPE OF WORK

Brief Scope of Work involves hiring of services for Repair and Maintenance of PNG Installations/Assets and Customer Complaints / Request Services for PNG Control Rooms in Delhi & NCR (Ghaziabad, Noida, Gr. Noida and Hapur).

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An ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 Certified Organisation



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

For detailed Scope of Work, refer Tender Document No. IGL/ET2/CP/CP18457 dated 26.05.2025 and the Corrigenda & Reply to Bidders Queries issued, if any, thereafter.

CONTRACT VALUE

The maximum contract value shall be Rs. 3,50,27,252/- inclusive of GST @ 18% (Rupees Three Crore Fifty Lakh Twenty Seven Thousand Two Hundred Fifty Two only).

The total contract value under this contract shall be on unit rate basis as per schedule of rates enclosed. Separate purchase order shall be released during this contract period indicating total order value to be executed based on required quantities. The above referred accepted rates, as defined in this contract, includes all cost but exclusive of GST at prevailing rate and inclusive of all other taxes, duties & levies etc. as applicable and payable by you.

The contracted rates shall remain firm and fixed and valid until completion of all activities covered under this contract. No escalation on any account shall be payable, whatsoever may be the reason, thereof.

TAXES & DUTIES

The unit rates mentioned in the enclosed Schedule of Rates are all-inclusive except GST @18%.

The Contractor agrees to and does hereby accept full and exclusive liability for the payment of any and all Taxes, Duties now in force and hereafter increased, imposed or modified from time to time in respect of Works and materials and all contributions and taxes for unemployment compensation, insurance and old age pensions or annuities now or hereafter imposed by any Central or State Government authorities which are imposed with respect to or covered by the wages, salaries, or other compensations paid to the persons employed by the Contractor. The Contractor shall be responsible for the compliance with all obligations and restrictions imposed by the Labour Law or any other law affecting employer-employee relationship. The Contractor further agrees to comply and to secure the compliance of all Sub-Contractors with all applicable Central, State, Municipal and local law and regulation, and requirement of any central, State or Local Government agency or authority. Contractor further agrees to defend, indemnify and hold Owner harmless from any liability or penalty which may be imposed by the Central, State or Local authorities by reason of any violation by Contractor or Sub-Contractor of such laws, regulations or requirements and also from all claims, suits or proceedings that may be brought against the Owner arising under, growing out of, or by reason of the work provided for by this Contract, by third parties, or by Central or State Government authority or any administrative sub-division thereof.

Owner shall make from contractor's bills such tax deductions as are required as per rules and regulations in force from time to time.

The contractor shall be entirely responsible for scope of work, all taxes, GST, license fees, any other duty on services or any other tax payable and/ or other



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

levies etc. imposed by Central, state, municipal and local law and regulatory agency or authority. The rate in SOR is inclusive of all the above referred taxes/duties.

Any statutory variation in GST within the contractual period for the SOR items shall be to IGL's account. However, in case the contractual completion period gets extended for reasons solely attributable to contractor, the statutory variation shall be limited to contractual completion period only.

Any new taxes & duties, if imposed by the State / Central Govt. of India after due date of bid submission but before the Contractual Delivery Date, shall be paid / reimbursed to the contractor on submission of copy of notification(s) issued from State / Central Govt. Authorities along with submission of documentary evidence for proof of payment of such taxes / duties to State / Central Govt. Authorities and after ascertaining it's applicability with respect to the contract.

Returns and details required to be filled under GST laws & rules should be timely filed by Supplier of Goods / Service Provider with requisite details to enable the Owner to avail tax credits including input tax credit. Payments to Service Provider claiming GST amount will be made provided the above formalities are fulfilled. Further, IGL may seek copies of challan and certificate from Chartered Accountant of Supplier / Service Provider for deposit of GST collected from Owner. Any loss or non-availability of input tax credit by the Owner due to non-compliance of applicable tax laws (including but not limited to GST laws in force or otherwise) or for any reason which is not attributable to IGL, then IGL shall not be obligated or liable to pay or reimburse GST charged in the invoice(s) and an amount equivalent to any tax liability accruing to the Owner and/or to the extent of any loss accrued to the Owner together with all penalties, costs, liabilities, dues, fees and interest if any, shall be deducted from the payment due to the Vendor or shall be reimbursed by the Vendor, as the case may be, till such default is either rectified or made good by the Vendor and the Owner is satisfied that it is in a position to claim valid input tax credit within the time-lines as per applicable laws.

Supplier of Goods / Service Provider providing taxable service shall issue an Invoice / Bill, as the case may be as per rules / regulation of GST. GST, if applicable, shall be paid after verifying GST Registration number. Each item's cost and GST as applicable shall be provided in all the invoices along with GST registration no. & HSN/SAC codes for the services provided.

In case of statutory variation in GST, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods / Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision. In case GST is not applicable to the vendor at the time of Contract / Order placement, as per turnover criteria, GST due to change in turnover is not payable. If applicable in future, the same shall be borne by vendor.

In case of delay in completion period beyond the contractual date, for reasons attributable to contractor, any increase in these rates or any new taxes and duties introduced during the period beyond the contractual completion date shall be borne



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

by the contractor, whereas any decrease shall be passed on to IGL.

The base date for the purpose of applying statutory variation shall be the Bid Due Date.

Claim for payment of GST / Statutory variation, should be raised within two (02) months from the date of issue of 'Government Notification' for payment of differential GST, otherwise claim in respect of above shall not be entertained for payment of arrears.

Beyond the contract period, in case IGL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the contractual delivery period shall be to Service Provider's account whereas any decrease in the rate GST shall be passed on to the Owner.

Beyond the contract period, in case IGL is entitled for input tax credit of GST, then statutory variation in applicable GST on supply and on incidental services, shall be to IGL's account.

In case CBEC (Central Board of Excise and Customs) / any equivalent Central Government agency / State Government agency brings to the notice of IGL that the Supplier of Goods / Service Provider has not remitted the amount towards GST collected from IGL to the government exchequer, then IGL shall have the right to put that Supplier of Goods / Service Provider under Holiday List.

CONTRACT VALIDITY & COMPLETION PERIOD

Duration of contract shall be 02 years effective from 27.07.2025 to 26.07.2027. Mobilization shall be completed by 26.07.2025 effective from the date of Letter of Acceptance (LOA) dated 04.07.2025.

TERMS OF PAYMENT

1. The Owner will not pay any advance.

The Payment terms shall be as follows:

The CONTRACTOR has to raise the RA bill on monthly basis and payment shall be made as per the following terms:

- (a) 95% payment will be released against submission of R.A bill for completed work duly certified by Engineer-in-charge.
- (b) 5% on order closure.

PAYMENT METHODOLOGY AND MODE OF PAYMENT

1. The contractor shall raise invoices on monthly basis for works carried out duly certified by Engineer-in- Charge in triplicate. The contractor to ensure that the invoices of completed work should be raised & duly certified by Engineer-in-charge within one month to avoid any statutory penalties on delay in paying taxes.

2. The payment shall be released within 45 days from the date of receipt of invoice, if found to be in order and duly certified by PMC/EIC.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

3. The Payment shall be released through RTGS only.

WARRANTIES

The Supplier warrants that the Goods supplied under the Agreement are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract Documents. The Supplier further warrants that all Goods supplied under this Agreement shall have no defect, arising from design, materials, or workmanship (except when the design and / or material is required by the Purchaser's specifications and the Supplier has given his disclaimer of warranty obligations with respect to such requirement) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of use / destination.

This warranty shall remain valid for at least twelve (12) months from the date of successful commissioning of individual equipment or eighteen (18) months after the date of last shipment whichever is earlier or as specified under the Special Conditions of Contract. However, if warranty period exceeds due to any defect observed in the equipment at site and the time taken in rectification and commissioning, the warranty will stand extended for at least another 12 months from the date of completion of rectification free of cost.

Bidder will assume responsibility for obtaining manufacturer's warranty for all bought out items and maintain sufficient stock of spares at each site to meet urgent requirements.

After the successful completion of test run, warranty phase will start and system taking over certificate shall be issued by the Owner.

The Owner shall promptly notify the Supplier in writing of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall, within a reasonable period, repair or replace the defective Goods or parts thereof, free of cost to the Purchaser, deliver at the appropriate destination. The Supplier may take over the replaced parts / Goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts / goods thereafter. In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected / replaced Goods or item or material shall be extended to a further period of twelve (12) Months from the date of such repair/replacement if put to use immediately or eighteen (18) Months.

If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Agreement.

PRICE REDUCTION SCHEDULE



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

In case there is delay in delivery of goods / completion of the work/services including supply, installation and commissioning of the equipment, attributable to the supplier / contractor / service provider, the supplier / contractor / service provider shall pay as compensation for delay and not as penalty in form of price reduction as detailed here under.

If the supplier / contractor / service provider fails to deliver any or all of goods or performance of the work/service or supply, installation and commissioning of the equipment within the time period(s) specified in the Order/Contract, IGL shall without prejudice to any other remedy(s) under the Order/Contract, reduce the order value by a sum calculated as mentioned below:

Price Reduction will be applicable $0\frac{1}{2}\%$ of the total order value (inclusive of taxes) per week of delay or part thereof in supply/completion of work subject to a maximum (ceiling) of 5% of total order value (inclusive of taxes) for orders of goods, works and services.

The portion of the supply/services/works completed in all respect shall not be considered for applying PRS, if delivered within the contractual delivery period. The remaining supply/services/works, which has been completed beyond the contractual period, shall attract PRS $0\frac{1}{2}\%$ for the value of the supply/service/works in respect of which default in delivery has taken place subject to maximum of 5%.

The parties agree that this is a genuine pre-estimate of the loss/damage which will be suffered on account of delay/breach on the part of the Contractor and the said amount will be payable on demand without there being any proof of the actual loss or damages caused by such delay/breach. The decision of Owner in regard to the actual delay shall be final and binding on the Contractor. All sums payable by way of compensation shall be considered as reasonable compensation without reference to the actual loss or damage which shall have been sustained.

PENALTIES

IGL shall have right to levy following penalties on the Contractor and deduct applicable amount from the Contractor's Running Bills:

1. In case proper barricading, along the trench and pits, as per technical specification is not provided, the work shall be immediately suspended till such time proper barricading, as per the technical specification is provided and penalty will be levied as per PENALTIES clause 3 below.
2. In case required numbers of safety equipments like Safety Harness belts, helmets, fluorescent jackets etc. as per the Technical Specifications and Special conditions of the contract of the tender, could not be provided by the contractor during execution, work shall be suspended and penalty will be levied as per PENALTIES clause 3 below.
3. Either of the case as in clause 1 & 2 above shall attract penalty of Rs. 3,000.00 per instance on issuance of site-memo. On delay in compliance of site memo per instance shall attract additional penalty of Rs. 5000/- per day. Subsequent non-compliance within 5 days shall lead to a deduction of upto 5% from RA bill at



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

the discretion of the EIC and may also lead to black listing of the contractor for future jobs.

4. In case of complete compliance of HSE norms throughout the contract period the contractor shall be issued a letter of appreciation by the Owner on recommendation by the consultant.

5. In case the contractor does not mobilize the HDD machine at site and fails to start the work within 12 (Twelve) hours from the time of intimation received from IGL. Penalty @ Rs. 1000 (One thousand)/ hour shall be levied beyond the stipulated time. In addition, IGL at its sole discretion may get it executed from an alternate agency at the risk and cost of the contractor. Also, an administrative charge @ 15% over and above the actual cost incurred shall also be deducted from the contractor's RA bill.

6. In case of non-submission of material reconciliation statement in first week of every quarter, Rs. 2000/- per instance shall be levied from the running bills.

7. In case of installation of contractor's supplied material without inspection and prior approval EIC/sited in charge, Rs. 5000/- per instance shall be levied from the running bills.

8. In case it is noticed and confirmed by the IGL Site-In-charge that any fusion jointing or conversion is being carried out by personnel other than approved/qualified technicians as per the Technical Specifications a penalty of Rs. 2000.00 per joint or conversion shall be levied and the person supervising the work shall be suspended from IGL sites. Contractor will provide list of persons involved in fusion jointing to Engineer-in-charge and in case of any change, same will be intimated to Engineer-in-charge immediately.

9. In case any tool/equipment as defined in "Minimum Tools & Tackles" attached as Annexure- 1 in PTS for Operation of PNG O&M Job at Control Rooms of Volume II of II of bid document, are not maintained in Control Room/Store, a penalty @ Rs. 500.00 per day per tool and maximum Rs 10000/- shall be levied & deducted from the running bills.

10. In case it is noticed that any manpower deployed by contractor are found under fraudulent/ unethical practices with the customer, if proved, a penalty of Rs 10,000.00 per instance shall be levied. It is discretion of Engineer-in-Charge to impose penalty.

11. In case the contractor does not mobilize the JCB machine/ pump/ breaker at site and fails to start the work within 4 (FOUR) hours from the time of intimation received from IGL representative, Penalty @ Rs. 1000 (One Thousand) /hour shall be levied beyond the stipulated time. If he fails to mobilize JCB, then penalty would be Rs. 10000/- per instance.

12. In case the contractor fails to complete the work of NG conversion/Allottee case within 24 (Twenty Four) hours from the time of intimation received from IGL, Penalty @ Rs. 500/ day shall be levied beyond the stipulated time.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

13. If any complaint is not resolved to the entire satisfaction of PNG customer/owner, penalty @500/- per complaint shall be Imposed provided the reasons are attributable to the contractor(s).

If any complaint is not resolved as per the defined TAT levels then below mentioned penalties shall be imposed after expiry of each levels:

TAT Levels :: Penalty Amount (INR)

Level - 0 :: 250

Level - 1 :: 500

Level -2 :: 1000

Level - 3 :: 2000

Level - 4 :: 2500

Level - 5 :: 3500

14. For TAT, please refer Form-12 provided in the tender document IGL/ET2/CP/CP18457 dated 26.05.2025.

15. In case of non- compliance of statutory provisions penalty will be imposed by the owner as detailed below:

(a) Delay of more than 21 days from the date of work order in obtaining / submitting WC cover or taken for shorter duration will result into penalty of Rs. 5000/- per week or part thereof.

(b) Delay of more than 21 days from the date of work order in obtaining / submitting the required insurance policies as specified in the tender document will result into a penalty of Rs. 5000/- per week or part thereof.

(c) Delay of more than 21 days from the date of work order in obtaining / submitting CPBG of requisite amount as well as timely extension of value and / or time period shall attract a penalty of Rs. 5000/- per week.

(d) The contractor must obtain labour licence at the start of work for allotted site and ensure that same is valid for a contract period. Delay of more than 30 days from the date of work order in submitting the labour licence shall attract a penalty of Rs. 5000/- per week or part thereof.

16. Note: The maximum penalty shall not exceed by 20% of the monthly RA bill value*.

17. In case of delay in mobilization of resources or poor mobilization / non-mobilization of resources after intimation from IGL site incharge, will result into a penalty of Rs. 5000/- per week or part thereof.

NOTE: *All the bills/invoices raised by vendor for work executed in a particular month shall be considered as part of a single RA. Penalties in RA bill shall be reckoned accordingly.

18. All the penalties are inclusive of all taxes, duties and levies.

CONTRACT PERFORMANCE BANK GUARANTEE

Within twenty-one (21) days of receipt of the Contract/PO, the successful bidder shall furnish to the Purchaser the Contract Performance Bank Guarantee (CPBG) as follows:

a) @ 2.5% of annualized contract value (inclusive of all taxes) to be submitted against this Contract



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

b) @ 2.5% of annualized value of PO (inclusive of all taxes) to be submitted against each subsequently issued individual PO

This CPBG shall be kept valid for 90 days beyond the contract/defect liability/warranty period, whichever later.

All bank guarantees shall also have minimum 30 days' claim period beyond BG expiry date.

The CPBG shall be released after 90 days beyond the contract/defect liability/warranty period, whichever later.

The proceeds of the Contract-Cum-Equipment Performance Bank Guarantee shall be payable to the Purchaser as compensation for any loss or damage resulting from the Supplier's failure to complete its obligations under the Agreement.

The Contract-Cum-Equipment Performance Bank Guarantee shall be denominated in the currency of the Contract/ Letter of award.

A bank guarantee issued by a nationalized bank or a scheduled Indian bank or by the branch of a reputable international bank located in India and registered with RBI.

While issuing Bank Guarantee issuing applicant must mention receiver's details as ICICI Bank IFSC- ICIC0000007, Branch CONNAUGHT PLACE, DELHI, in BG text at which SFMS IFIN 760 message to be sent by issuing bank, to establish the authenticity of given BG.

The CPBG shall contain the following details;

- a. Claim period 30 days more than the validity of the CPBG
- b. Address of Bank (Issuing Branch as well as Delhi Local Operative Branch)
- c. Contact Person name (Issuing Branch as well as Delhi Branch)
- d. Telephone Numbers of contact persons of bank (Issuing Branch as well as Delhi Branch)
- e. Email address of contact persons of bank (Issuing Branch as well as Delhi Branch).

OTHER TERMS & CONDITIONS

GENERAL

1. All personnel of the contractor entering on work premises shall be properly and neatly dressed and shall wear uniform badges while working on premises of the Purchaser including work sites.

2. The rates quoted by the bidder must be inclusive of all the taxes, duties & levies excluding GST on completed works. All taxes, duties, other statutory levies and rates thereof applicable as of 10 days prior to due date of submission of bid shall be included in the quoted rates.

3. Contractor shall provide all labour and necessary supervision to carry out the work as per the scope of work as defined in tender document, which forms part of



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

this contract in accordance with the conditions of the contract laid down in this part of contract read in conjunction with General Conditions of Contract.

INSPECTIONS AND TESTS

1. During execution of work, the works shall be inspected by the Owner or its authorized representative for acceptance of the same.
2. For contractor's supplied items, Third Party Inspection report shall be submitted by the contractor.
3. The Owner/ Consultant or its representative shall have the right to inspect and/or to test the material to confirm their conformity to the specifications
4. If any inspected or tested material fail to conform the specifications, the Owner/ Consultant may reject them and the Contractor shall either replace the rejected materials or make all the alterations necessary to meet the specifications, free of cost to the Owner/ Consultant.
5. IGL may conduct inspection of the contractor supplied material by the PNGRB authorised TPIA as per the discretion of IGL.
6. The Owner/ Consultant or its representative shall have the right to inspect and/or to test the material to confirm their conformity to the specifications.
7. If any inspected or tested material fail to conform the specifications, the Owner/ Consultant may reject them and the Contractor shall either replace the rejected materials or make all the alterations necessary to meet the specifications, free of cost to the Owner/ Consultant.

STATUTORY VARIATIONS IN TAXES

The entire work covered under this contract shall be treated as works contract services. Unit rates mentioned in Schedule of Rates are inclusive of all applicable taxes & duties including freight, Insurance, Transit Insurance etc. except Goods & Service Tax (GST) on completed works as defined in the tender document. Any statutory variation in the GST on completed works during the scheduled completion period only shall be considered by the owner against documentary evidence.

COMPENSATION FOR IDLE TIME

The Owner shall make every reasonable effort to have free issue materials and right - of - use (ROU) available so as not to delay laying activities. No Idle time claim shall be entertained under any circumstances.

ALTERATIONS IN SPECIFICATIONS, DESIGN AND EXTRA WORKS

The ENGINEER-IN-CHARGE shall have to make any alterations in, omission from, additions to or substitutions for, the Schedule of Rates, the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the WORK and the CONTRACTOR shall be



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

bound to carry out the such altered/ extra/ new items of WORK in accordance with any instructions which may be given to him in writing signed by the ENGINEER- IN-CHARGE, and such alterations, omissions, additions or substitutions shall not invalidate the CONTRACT and any altered, additional or substituted work which the CONTRACTOR may be directed to do in the manner above specified as part of the WORK shall be carried out by the CONTRACTOR on the same conditions in all respects on which he agreed to do the main WORK. The time of completion of WORK may be extended for the part of the particular job at the discretion of the ENGINEER-IN- CHARGE, for only such alterations, additions or substitutions of the WORK, as he may consider as just and reasonable. The rates for such additional, altered or substituted WORK under this clause shall be worked out in accordance with the following provisions:

For Item Rate Contract

(a) If the rates for the additional, altered or substituted WORK are specified in the CONTRACT for the WORK, the CONTRACTOR is bound to carry on the additional, altered or substituted WORK at the same rates as are specified in the CONTRACT.
(b) If the rates for the additional, altered or substituted WORK are not specifically provided in the CONTRACT for the WORK, the rates will be derived from the rates for similar class of WORK as are specified in the CONTRACT for the WORK. The opinion of the ENGINEER- INCHARGE, as to whether or not the rates can be reasonably so derived from the items in this CONTRACT will be final and binding on the CONTRACTOR.

If the rates for the altered, additional or substituted WORK cannot be determined in the manner specified in sub-clause (a) and (b) above, then the CONTRACTOR shall, within 7 days of the date of receipt of order to carry out the WORK, inform the ENGINEER- INCHARGE of the rates which it is his intention to charge for such class of WORK, supported by analysis of the rate or rates claimed, and the ENGINEER-IN-CHARGE shall determine the rate or rates on the basis of the prevailing market rates, labour cost at schedule of labour rates plus 10% to cover contractor's supervision, overheads and profit and pay the CONTRACTOR accordingly. The opinion of the ENGINEER- IN-CHARGE as to current market rates of materials and the quantum of labour involved per unit of measurement will be final and binding on the CONTRACTOR.

(c) Where the item of work will be executed through nominated specialist agency as approved by the ENGINEER-IN-CHARGE, then the actual amount paid to such nominated agency supported by documentary evidence and as certified by ENGINEER-IN-CHARGE shall be considered plus 10% (ten percent) to cover all contingencies, overhead, profits to arrive at the rates.

HEALTH SAFETY AND ENVIRONMENT (HSE)

1. The Contractor will strictly adhere to Health Safety and Environment policy as stated in Scope of Work / Technical Specifications Vol. II of II of this Bid document and/ or the policies followed by the Owner.
2. All the safety rules and regulations prevailing and applicable from time to time at the installations as directed by OWNER will be strictly adhered to by the Contractor.
3. Contractor has to ensure the safety of man and machine all the times. Damages to equipment due to bad workmanship/negligence will be recovered as per the decision



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

of Engineer-in-Charge, which will be final and binding upon the contractor.

4. The contractor shall supply all the protective safety equipment like helmets / hard head hats, gumboots / safety shoes, hand gloves, safety belts, eye protection, ear protection etc. to his workmen at his own cost as required by operations.

5. Carrying / striking of matches, open flames, lighters or smoking or other such acts, which may cause fire hazards at the work site / in the terminals / installations, is strictly prohibited.

6. Tobacco/ Ghutka chewing or other such acts, are strictly prohibited at the site.

7. In addition to the PRS clause, penalties for violation of HSE shall be imposed as per clause of SCC.

8. Contractor shall follow Safety Manual. Contractor may refer the Safety Manual which is available at IGL's website.

PROVIDENT FUND

1. The Contractor shall strictly comply with the provisions of Employees Provident Fund Act, 1952 applicable in India and register themselves with Regional Provident Fund Commission (RPFC) before commencing the work. The Contractor shall deposit employees and Owners contributions to the RPFC every month. The Contractor shall furnish along with each running bill, the challan/ receipt for payment made to the RPFC for the preceding months for all the employees deployed at site.

2. The contractor will be required to submit self-declaration by the excluded employees as per Provident Fund Scheme, 1952 for claim of the exemption of provident fund if he has never been member of the provident fund and if he has, he shall remain and continue to be a member until he withdraws his Provident Fund accumulation from the fund. The contractor shall submit the indemnity bond clarifying names of the excluded employees .The contractor shall also indemnify that in case of any dispute raised by Employees' Provident Fund Organization (EPFO), shall be responsibility of the contractor himself and any penalty imposed will be borne by him.

3. In case the RPFC's Challan/receipt as above, is not furnished. Owner shall deduct 10% (Ten percent) of the payable amount from Contractor's running bill and retain the same as a deposit and such retained amount shall be refunded to Contractor on production of RPFC Challan/receipt for the period for which it is retained.

4. EPF contribution made for contractor's employees/personnel deployed regularly/dedicatedly at IGL site(s). The PF contribution shall be deducted on the actual basic salary indicated in wage sheet. The basic wages cannot be less than the minimum wages at any point of time. In case the contractor's firm is not registered with EPF under the prevailing laws, the declaration for the same should be submitted to IGL. In such case, a declaration to IGL will be submitted by contractor on letter head in support of their stand on the matter. Subsequently an indemnity will be required to be submitted by the contractor as per the prescribed



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

format in case contract awarded to them. The contractor shall be fully responsible in case of any consequence due to non-compliance of statutory obligations.

POWER AND WATER CONNECTION

The Owner/ Consultant will not provide any power and water during construction period. Contractor shall apply and obtain necessary power and water connection from relevant authority and will pay its uses charges or arrange the same from the other sources.

CONSTRUCTION AIDS, EQUIPMENTS, TOOLS & TACKLES

CONTRACTOR shall be solely responsible for making available for executing the WORK, all requisite CONSTRUCTION EQUIPMENTS, Special Aids, Barges, Cranes and the like, all Tools, Tackles and Testing Equipment and Appliances, including Customs of such equipment etc. as required. In case of Customs of the same the rates applicable for levying of Custom Duty on such Equipment, Tools, & Tackles and the duty drawback applicable thereon shall be ascertained by the CONTRACTOR from the concerned authorities of Government of India. It shall be clearly understood that OWNER shall not in any way be responsible for arranging to obtain Custom Clearance and/or payment of any duties and/or duty draw backs etc. for such equipment so imported by the CONTRACTOR and the CONTRACTOR shall be fully responsible for all taxes, duties and documentation with regard to the same.

CONDITIONS FOR ISSUE OF MATERIALS

1. Whenever any material is issued by Owner, following conditions in addition to other conditions as specified in the contract shall be applicable.
2. Necessary indents will have to be raised by the Contractor as per procedure laid down by the Engineer in- charge from time to time, when he requires the above material for incorporation in permanent works.
3. Materials will be issued only for permanent works and not for temporary works, enabling works etc. unless specifically approved by the Engineer-in-charge and the same shall not be taken into account for the purpose of materials reconciliation.
4. The contractor shall bear all other cost including lifting, carting from issue points to work. Site/ contractor's store, custody and handling etc. and return of surplus/ serviceable scrap materials to Owner's storage points to be designated by the Engineer-in-charge etc. No separate payment for such expenditure will be made.
5. No material shall be allowed to be taken outside the plant without a gate pass.
6. The contractor shall be responsible for proper storage, preservation and watch & ward of the materials.
7. All free issue materials shall be issued to contractor against submission of Indemnity Bond for 150% value of free issue materials.
8. In case of any manufacturing defect found in free issue material, same shall be



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

communicated to Engineer-In-Charge in writing within 15 days from the date of issue of such material and return the same at IGL store within 30 days from the date of issuance.

9. Contractor to ensure that all free issue material shall be installed within a maximum period of 30 days from the date of issue.

BUILDING AND OTHER CONSTRUCTION WORKERS (BOCW), ACT 1996

Applicability - the said act is applicable to every establishment which employs or had employed on any day often preceding twelve months, 10 or more building workers in any 'Building or other construction work' (Building or other construction work means the construction, repairs, maintenance or demolition of or in relation to building , streets, roads, railways, tramways, airfields, drainages, embankment, transmission and distribution of power, water works, oil and gas installations, pipeline etc., (refer section 2(d) of the act). It does not include any building and other construction work to which the factory act 1948 and the mines act 1952 is applicable).

LABOUR LICENCE

1. The contractor must obtain labour licence at the start of work at allotted site. Contractor will not be allowed to start the work at site without obtaining the labour licence and if there is inordinate delay in obtaining the licence, IGL reserves the right to penalize the contractor which may lead to termination of contract.

CONTRACTOR'S OBLIGATION AT SITE

1. Contractor shall establish site office in the respective areas/zones, allotted to them with adequate facilities like three tables, six chairs, telephone, computer with mailing (internet), printer (including consumables), file rack, AC etc. for effective communication and documentation.

2. In addition to above, contractor shall provide separate space with facilities like two tables, six chairs, two telephones, two computers with mailing (internet), printer with consumables, file racks, AC etc. and one office boy within the site office for IGL & TPIA for effective monitoring & documentation of the project.

3. Contractor shall provide as and when required a wagon(s) suitable for soil removal, for the delivery or reinstatement materials and for the transport of pipe to and from site.

4. Contractor shall provide transport for their technical staff and operatives to move from site to site, and to move tools and equipment from site to site, this vehicle will also be fitted with a tow bar suitable for the towing of a mobile air compressor or pipe trailer.

5. Contractors shall make appropriate arrangements to ensure that their supervisor(s) are adequately mobile and can attend sites or meetings with IGL, other authorities or customers as required, without any undue delay.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

6. Contractors shall provide cell phones to their supervisors for day-to-day communication with IGL and site representatives of IGL.

7. Contractor shall employ a Project Manager / Coordinator on company roll. The Project Manager / Coordinator must have qualification of BE Mech / Diploma in Mech. Engineering with min. 3-5 years of work experience in gas pipeline job. He shall be single point of contact for all the works and must represent company in the review meetings. In addition, contractor shall deploy adequate Manpower for Project Management, Planning, QHSE, QA/QC activities as per instructions of Engineer-in-charge & submit Resume for approval of Engineer-in-charge before start of work.

8. Owner will not allow switching/swapping of key personnel of any contractor working at site from one contractor to another during the continuity of the contract.

9. Any change in key persons working at site shall be informed to the Owner promptly.

10. Contractor should keep & maintain one Office cum store in each zone at centralized location with min. area of 2000 Sq. ft. failing which Rs. 5000/month shall be levied on the contractor. This office should be equipped with

(a) Computer & IT infrastructure;

Computer -03, Printer - 02, Scanner - 01, High speed Internet Connectivity failing which Rs. 5000/month shall be levied on the contractor.

(b) Project Manager- 01 no. and DEO- 01 no. per zone failing which Rs. 3000/month shall be levied on the contractor.

(c) Site Supervisor 01no. per control room failing which Rs. 3000/month shall be levied on the contractor.

(d) Four-Wheeler (ECCO VAN) -1 in Each Zone failing which Rs. 5000/month shall be levied on the contractor.

(e) Equipped with all tools and tackles, fusion machine, Generator, Squeezers with stopper, cutters, safety harness etc. failing which Rs. 5000/month shall be levied on the contractor.

(f) Minimum Inventory (free issue material & consumable materials) should be maintain failing which Rs. 3000/month shall be levied on the contractor.

(g) PPEs would be provided to all the working manpower failing which Rs. 5000/month shall be levied on the contractor.

PENALTIES: - A maximum deduction of Rs. 20,000/- per month will be applied if the required office setup is not provided.

Contractor should provide Brand New one desktop with CPU per zone with following configurations:

(h) Windows 11/Latest Version

(i) RAM 16 GB or above, Intel Processor (i7, 13th Generation or above)

(j) Hard Disk (512 GB SSD or above)

(k) UPS

(l) Mouse and Keyboard

(m) Brand (HP/Dell)

PENALTIES:- Rs. 5000/- per month for above mentions.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

11. One Four wheeler with driver. It shall be well equipped with tools and tackles for attending any emergency complaints and ongoing execution work.

In addition to the above, Contractor should keep the following Minimum

(a) One bike in each Control room with plumber and tools and tackles for attending general minor complaints

(b) E- Rickshaw/Vehicle- As per the requirement in Each Control room for the material and manpower shifting at site to attend the major complaints.

PENALTIES:- Rs. 5000/- per month per items above mentions.

12. Contractor should keep minimum one plumbing team (1 Plumber and 2 Helper) & Supervisor on Pay Roll per Zone.

PENALTIES:- Rs. 500/- per day per person & maximum of Rs. 15000/-.

13. Daily Report of the complaints attended with the GIRM must be sent to concerned CR,

Attended complaints GIRM should be submitted to respective control rooms within 24 hrs. of completion of work otherwise.

PENALTIES:- Rs. 200/- per GIRM

14. All Contractors manpower must be in Uniform during work with valid ID card.
(Penalty of Rs. 500/- per instance)

15. If contractor fails to attend and fail start any repair and maintenance work allotted to him within 05 days, assigned by Control Room, due to the reasons attributed to Contractors.

Penalty would be imposed of Rs. 500/- per day per instance or maximum of Rs. 10000/-.

This repair and maintenance work here shall include only the allotted work by the control room and does not account for emergency works.

16. If contractor fails to attend any customer service request/complaint/ticket within respective TAT period and the same is being attended by control room team or by other means.

Penalty would be imposed of Rs. 500/- per instance per complaint or maximum of Rs. 10000/-.

17. If contractor fails to deploy manpower with tools and tackles to attend any emergency work (MDPE Line damage) allotted to him within 2 hours, assigned by Control Room, due to the reasons attributed to Contractors.

Penalty would be imposed of Rs. 2000/- after every 02 hours or maximum of Rs. 10000/- Per instance.

18. If any defect or leakage is observed due to poor workmanship, the contractor must address and rectify it at no additional cost. Additionally, if any incident occurs due to poor workmanship, the contractor shall be responsible for resolving it at their own risk and expense.

Penalty would be imposed of Rs. 10000/- Per instance.

19. Contractor has to be submit bill on every month along with the Capitalization.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

If contractor fail submit bill within 03 month, penalties would be imposed of Rs. 5000/- per instance.

All the above services shall be provided by the contractors with no extra cost to OWNER. In monthly bill submission, above mention services checklist must be enclosed along with the bills.

Contractor shall complete all the activities defined in clauses above within 30 days from the date of LOI. On failure to fulfil the requirement, contractor shall be liable for a penalty of Rs. 2000/- per day.

NON COMPLIANCE RATIONALIZATION

1. In case of non-availability of required material to be provided by the contractor and the material being available with IGL, it can be issued to the contractor on chargeable basis. The charges payable by the contractor shall be in advance and at the last PO rate plus 15% overhead charges. However, any delay on account of non-availability of material shall be to contractor's account for applicability of PRS clause.

RECONCILIATION OF OWNER SUPPLIED MATERIALS

1. The Contractor is responsible for completing the "Material Consumed/Received" section of the worksheet for each job completed. This record will be used for the reconciliation of material at the end of the job or contract

2. The full replacement or repair costs of all damages items will be recharged to the contractor.

3. It is mandatory that the contractor is required to undertake and submit inventory details of free issue and purchased materials on monthly basis to Owner/ Owner's representative as per the approved format of the owner. The inventory details shall be in correlation with the Daily progress chart and material reconciliation sheet. Material reconciliation statement of all free issue materials shall be carried out on every month & reconciliation statement shall be submitted to IGL/Consultant.

4. After the final reconciliation is carried out, the variances in materials issued against materials used and returned, will be assessed. All unused, scrap materials and salvageable materials shall be the property of the Owner and shall be returned by the Contractor category-wise at his cost to the Owner's designated store yard (s). In case the Contractor fails to do so or exceeds the limits of allowances specified below for scrap/ serviceable materials, then recovery for such quantities not returned as well as returned in excess of permitted limit by the Contractor will be done at the penal rate i.e. 200% (Double of landed cost) at the time of final bill/ closing of contract by Engineer-in- charge shall be effected from the Contractor's bill (s) or from any other dues of the Contractor to the Purchaser. Contractor shall be responsible for the adjustment and measurement of the surplus materials to be returned to the store. Contractor shall also be responsible for suitable segregation of returned materials into separate stacks of serviceable and scrap materials.

5. Whenever certain material is covered under Contractor's scope of supply whether



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

part or in full for any item of work covered under SOR, no allowance towards wastage/ scrap etc. shall be accounted for during execution stage.

6. Whenever certain material is covered under Contractor's scope of supply whether part or in full for any item of work covered under SOR, no allowance towards wastage/ scrap etc. shall be accounted for during execution stage

Item - Scrap - Unaccountable wastage

Gas Meters - 0% - 0%

Regulators - 0% - 0%

Gas Isolation, Appliance Valves - 0% - 0%

MDPE Pipes - 2% (Less than the length defined below) - 0.1%

HDPE Pipes - 2% (Less than 2 Mtr.) - 0.1%

PE Fittings - 0% - 0%

Note:

Pipe length less than 5.0 m for Dia- 125mm & 180mm shall be considered as non-returnable scrap. Pipe length less than 10 m for Dia- 20mm/32mm/63mm shall be considered as non- returnable scrap.

7. Material consumption will be recorded on area wise basis. Material issued from the IGL stores shall be consumed, recorded and returned using the same IGL item code.

8. Any payments due to the Contractor may be withheld to cover these charges.

9. All waste materials, part lengths of pipe and other partly used items are the property of IGL and must be returned to the stores with the appropriate documentation so that they can be considered as part of the material reconciliation.

COMPLIANCE WITH LAW

Contractor shall abide by all prevailing Laws of India including but not limited to:

- (a) Apprentices Act.
- (b) Contract labour (Regulation & Abolition) Act.
- (c) Employers Liability Act.
- (d) Environment Protection Act.
- (e) Factory Act.
- (f) Industrial Dispute Act.
- (g) Minimum Wages Act.
- (h) Payment of Wages Act.
- (i) Workman Compensation Act.
- (j) Building and Other Construction Workers (Regulation of Employment and Condition of service) Act, 1996
- (k) GST Regulation
- (l) Any other Statute, Act, Law as applicable.

COMPLETION DOCUMENT

Contractor in three sets shall submit the following documents in hard binder, as a



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

part of completion documents:

- (a) Copies of the Inspection reports, welding, lowering etc, HDD Profiles, Approved construction drawing, As-built drawing, Pre testing, final Hydrostatic and other Test reports.
- (b) Consumption statements of Coated Steel Line Pipes/ Bare Station Steel Pipes/PE Line Pipes
- (c) Material Reconciliation.
- (d) All other requirements as specified in the respective specifications
- (e) Completion Certificate issued by Owner's Site Engineer
- (f) No claim and No dues certificate by the Contractor.
- (g) Recovery statement, if any.
- (h) Statement for reconciliation of all the payments and recoveries made in the progress bills.
- (i) Copies of deviation statement and order of extension of time, if granted.
- (j) Copies of all documents related to statutory requirements like Labour License, CAR Policy, WCP, EPF, ESI challans etc.
- (k) Any other contractual documents required on completion.
- (l) Soft copy of Pipe Book and alignment drawing, Isometric drawing and other relevant documents.
- (m) Submission of GIS shape (.shp) or Geo Database (.gdb) file

INSURANCE

1. Contractor shall at his own expense arrange, secure and maintain insurance with reputed insurance companies to the satisfaction of the Owner as may be necessary and to its full value for all such amounts to protect the works in progress and his personnel from time to time and the interest of Owner against all risks as detailed herein. The form and the limit of such insurance as defined herein together with the under writer works thereof in each case should be as acceptable to the Owner. However, irrespective of work acceptance, the responsibility to maintain adequate insurance coverage at all times during the period of Contract shall be that of Contractor alone. Contractor's failure in this regard shall not relieve him of any of his responsibilities and obligation under the Contract.
2. All costs on account of insurance liabilities covered under this Contract will be to Contractor's account and will be included in Contract Price.
3. Contractor as far as possible shall cover insurance with Indian Insurance Companies.

STATUTORY APPROVALS

1. All permissions from respective statutory authorities i.e. PWD, NHAI, Nagar Nigam, Forest/central forest, Central/ State Government/ Local Bodies etc. shall be obtained by the Contractor. The application on behalf of the Owner for submission to relevant authorities along with copies of required certificates complete in all respects shall be prepared and submitted by the Contractor well ahead of time so that the actual construction/ commissioning of the work is not delayed for want of the approval/ inspection by concerned authorities.
2. The Contractor shall be responsible for arranging the inspection of the work by



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

the authorities and necessary co-ordination and liaison work. However, Owner will reimburse the statutory fees paid by the contractor at actual on production of documentary evidence.

3. Any change/ addition required to be made to meet the requirements of the statutory authorities shall be carried out by the Contractor without additional cost to Owner. The inspection and acceptance of the work by statutory authorities shall however, not absolve the Contractor from any of his responsibilities under this Contract.

4. Reversal of BG / Security from statuary authority after completion of work, shall be in contractor's scope of work.

SITE CLEANING

1. Contractor shall clean and keep clean (Housekeeping and cleanliness) the work site always to the satisfaction of the Engineer-in-charge for easy access to work site and to ensure safe passage, movement and working.

2. The Contractor shall dispose of the unserviceable materials, debris etc. to any area, as decided by the Engineer-In-Charge.

3. No extra payment shall be paid on this account.

WORKMANSHIP

1. Regarding work completion, the decision of the Engineer-in-Charge will be final and binding.

2. The work executed and material supplied shall be to the satisfaction of Engineer-in-Charge and contract price shall include for any incidental and contingent work although not specifically mentioned in the contract but is necessary for its completion in an efficient and workman like manner.

3. The Engineer-in-Charge or his authorized representative shall approve the quality of all the materials used by contractor from time to time.

TIME LIMIT FOR CLAIMS

Under no circumstances whatsoever, shall the contractor be entitled to any compensation from Owner on any account unless the contractor shall have submitted claim pertaining to the contract in writing to the Engineer-in-Charge within 30 days of cause of such a claim occurring. Contractor shall be deemed to have waived off its rights to claim the same, if the claim is not raised within this period.

MATERIAL TO BE SUPPLIED BY THE CONTRACTOR

1. Contractor will place timely orders on Owner's specified manufacturers/agencies so as to receive the material in accordance with the execution of project activities. The orders to be placed by the contractor shall incorporate certain clauses with respect to delivery schedule, guarantee/warranty, inspection and



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

dispatch clearance by Owner. The items and quantities shall be in accordance with the work to be executed and shall be verified by Owner for its appropriations.

2. All material will be manufactured as per approved Quality Assurance Plan (QAP) only to be specified by Owner. Material will be inspected by Owner's appointed third party inspection (TPIA), the charges of which shall be in owner scope.

3. After approval of QAP, Contractor will submit a schedule production plan mentioning qty's of production along with inspection call at-least one week in advance from the date of commencement of production.

4. Contractor will submit a written request to Owner for dispatch clearance of material. For this purpose, he will be required to submit detailed material test inspection report and release note issued by the TPIA. On getting the dispatch clearance, the contractor will arrange material dispatch to the designated project site(s).

5. Contractor shall arrange for proper storage of his material distinctly separate from free-issued material. Contractor shall required to appraise Owner regarding cover area, lock & key arrangement of its safe custody, resources marked safe and proper receiving, stocking, issuing, maintaining all verifying records on regular basis.

6. Contract shall invariably submit copies of order placed by them on various agencies for sourcing material and shall ensure submission of invoices, challans/packing lists, LR Copy, material inspection report and guarantee/warranty certificate for each lot of material received at Owner's site.

7. All material should be covered under warranty for satisfactory performance for maximum period of defect liability of executed work. Any defect noticed during defect liability period shall be promptly attended, as faulty material must be contractor's responsibility to take-up the matter with material supplier. Any delay on account of non-availability of ordered material or replacement of faulty material shall not be waived by the reason of material having ordered to and inspected by Owner's recommended agencies. Faulty material must be contractor's responsibility to take-up the matter with material supplier. Any delay on account of non-availability of ordered material or replacement of faulty material shall not be waived by the reason of material having ordered to and inspected by Owner's recommended agencies.

8. Before award of works order/ starting of work at allotted site, contractor shall provide details of stores and site office established by him for the intended work. Failing which the allocation of work may be deferred by Owner. Also, the contractors shall submit details of tools& tackles under his procession required for execution of the work. Owner shall verify all these aspects before allocating work to the contractor.

9. The networking work includes Horizontal Directional Drilling (HDD) at various locations by means of HDD machines of appropriate capacities. Contractor advised to apprise himself of all such requirements and confirm in writing to the owner of having HDD machines with him or having tie-up with some reputed contractor. Any



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

delay during the executing due to non-availability of HDD machine shall not be accepted by Owner.

10. Contractor will not transfer any free issue as well as his supplied material to any other site/ any other contractor without prior written approval of the Engineer-in-charge.

11. If quotations are received from the party in their own format instead of on the prescribed format against open / limited tender, such quotations may not be considered for evaluation.

ORDER OF PRECEDENCE FOR WORKS / SERVICES CONTRACTS

1. (a) Contract Agreement
- (b) Detailed LOA / First intimation from IGL along with its enclosures.
- (c) LOA / First intimation from IGL
- (d) Job specifications (PTS & GTS)
- (e) Drawings
- (f) SOR
- (g) Special Conditions of Contracts (SCC)
- (h) Instruction to Bidders
- (i) General Conditions of Contract (GCC)
- (j) Other documents
- (k) Additionally, any variation or amendment/change order issued after signing of formal contract shall take precedence over respective clauses of the formal contract and its annexures.

2. It will be the Contractors/ suppliers responsibility to bring to the notice of Engineer-in-Charge any irreconcilable conflict in the contract documents before starting the work(s) or making the supply with reference which the conflict exists.

TRANSIT RISK INSURANCE

In respect of all items to be transported by the SUPPLIER to the SITE OF WORK, the cost of transit insurance should be borne by the SUPPLIER and the quoted price shall be inclusive of this cost. Further, the supplier shall take all risk insurance policies at its own cost

TERMINATION FOR DEFAULT

Except for the cases of Force Majeure, if the Contractor fails to execute the work or any part thereof with such diligence as will ensure its completion within the time specified in the contract or extension thereof or fails to perform any of his obligation under the contract or in any manner commits a breach of any of the provisions of the contract, it shall be open to the owner at its option by written notice to the Contractor:

i. To determine the contract in which event the Contract shall stand terminated and shall cease to be in force and effect on and from the date appointed by the Owner on that behalf, where upon the Contractor shall stop forthwith any of the Contractor's work then in progress, except such Work as the Owner may, in writing, require to be done to safeguard any property or Work, or installations from damage, and the Owner, for its part, may take over the work remaining unfinished by the



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Contractor and complete the same through a fresh Contractor or by other means, at the risk and cost of the Contractor, and any of his sureties if any, shall be liable to the Owner for any excess cost occasioned by such work having to be so taken over and completed by the Owner over and above the cost as worked out in terms of the contract.

ii. Without determining the contract to take over the work of the Contractor or any part thereof and complete the same through a fresh Contractor or by other means at the risk and cost of the Contractor and any of his sureties are liable to the Owner for any excess cost over and above the cost as worked out in terms of the contract, occasioned by such works having been taken over and completed by Owner.

iii. Before determining the Contract, provided in the judgment of the Owner, the default or defaults committed by the Contractor is/are curable and can be cured by the Contractor if an opportunity is given to him, then the Owner may issue notice in writing calling the Contractor to cure the default within such time specified in the notice.

The Owner shall also have the right to proceed or take action as per above, in the event that the Contractor becomes bankrupt, insolvent, compounds with his creditors, assigns the Contract in favor of his creditors or any other person or persons, or being a company or a corporation goes into voluntary liquidation, provided that in the said events it shall not be necessary for the Owner to give any prior notice to the Contractor.

Termination of the Contract as provided for above shall not prejudice or affect the rights of the Owner which may have accrued up to the date of such termination.

Failure by Contractor

The General Conditions of Contract forming part of the tender documents inter-alia contain many provisions which pertain to execution of work in the event the contractor fails to perform. Some of the important provisions are as below:

(i) Failure by the contractor to comply with the provisions of the contract: Owner has reserved an option to determine the contract, the security deposit furnished by the contractor is liable to be forfeited as also the excess cost which may become payable by the owner in getting the work executed, through an alternative agency, may be recovered from the contractor.

(ii) Failure of contractor to execute the work as per contract: If pursuant to award of work, the contractor fails to commence work in a manner described in the contract or if the contractor fails to execute the work in conformity with the documents and if the contractor fails to execute work in accordance with the time schedule or if the contractor substantially suspends work for a period of 14 days without authority of Engineer-In-charge or if the contractor fails to carry out and execute the work to the satisfaction of the Engineer In-charge or if contractor fails to supply sufficient or suitable construction plant, temporary works, labour, materials or things or if the contractor commits, suffer or permit any breach of any of the provision of the contract on his part to be performed or observed or persist in any of the above mentioned breaches of the contract for 14 days after notice in writing shall have been given to the contractor by the Engineer In-charge requiring such breach to be remedied or if the contractor shall abandon the work or if the contractor during the continuance of the contract shall become bankrupt,



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

make any arrangement or composition with his creditors, or permit any execution to be levied or go into liquidation whether compulsory or voluntary, not being merely a voluntary liquidation for the purpose of amalgamation or reconstruction; then, in each of the above mentioned cases the owner shall have the power to enter upon the work and take possession thereof and all materials, temporary works, construction plants and stock thereon and to revoke the contractor's license to use the same and to complete the work by his agents, other contractors or work men or to relate the same upon any terms and to such other person, firm or corporation as the owner in his absolute discretion may think proper to employ and for the purpose aforesaid to use or authorize the use of any materials, temporary work, construction plant and stock as aforesaid without making payment or allowance to the contractor for the said materials other than such as may be certified in writing for the Engineer In charge to be reasonable.

The above provisions expressly provide for owner's right to take possession on site and work in whatever condition the same exists at the time of breach or breaches as listed herein above may have been committed by the contractor. The clause further provides that in getting the job executed any additional payments or extra cost incurred shall be recovered from the dues of the contractor.

(iii) Owner may do part of work: In case the contractor shall fail to comply with any instructions given in accordance with the provisions of contract, owner has the alternative right instead of assuming charge of entire work to place additional labour force, tools, equipment and materials on such parts of the work as the owner may designate or also engage another contractor to carry out the work. In such a case the owner shall deduct from the amount which otherwise might become due to the contractor the cost of such work and material with 10% added to cover all departmental charges and should the total amount thereof exceed the amount due to the contractor, the contractor is contractually bound to pay the difference to the owner.

(iv) Replacement of defective parts and materials: Owner reserves right to make good, alter, reconstruct or remove such works as may be found to be defective or unsound or imperfect or inferior to the quality specified. The owner is required to give a notice to the contractor for 7 days to remove any defects or deficiencies, pointed out in the said notice and upon failure of the contractor to do so to proceed with the above mentioned remedies. In the event of the owner taking charge of repairs / replacements as aforesaid, the cost incurred thereon becomes recoverable from the contractor.

The clause under reference further provides for the contractor's full and extreme liability to be satisfied by the payments to the owner of extra costs of such replacements procured including erection / installation as provided for in the contract; such extra cost being the ascertained difference between the price paid by the owner for such replacements and the contract price portion for such defective plants and repayments of any sum payable by the owner to the contractors in respect of such defective plant.

In terms of the aforementioned provisions of the contract IGL, in exercise of its rights under the contract, may come across situations, where it may have to take a part of work off from the contractor and get the same done through an alternative agency. However, such off-loading of work can be in part or it can be for the entire work awarded to the contractor and the decision in this regard would rest on various factors having major effect on such decision. Some of the factors are the



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

progress of work at site, poor mobilization of resources, frequent defects in the executed work, financial constraints of the contractor and ill behavior of the representatives of the contractor.

The contractual conditions amply provide for recovery of any sums spent in excess of contract value for getting the work executed through an alternative agency. There may be situations in which the contractors choose to take recourse to legal / Arbitration process. A decision in this regard may, therefore, be taken after considering the possibilities of entering into litigations which may or may not be justifiable in all cases.

SETTLEMENT OF DISPUTES (ARBITRATION)

Except as otherwise provided in the Contract where decision of Engineer-in-Charge is final and binding on the contractor, in the event of any claims, disputes or differences arising out of or in connection with this Agreement, the same shall be settled through Arbitration as provided hereunder. The disputing Party shall serve a written notice of dispute to the other Party within fifteen (15) days of arising of such claim, dispute or difference.

Pursuant to such notice, the Parties hereto shall promptly and in good faith attempt to resolve such claim or dispute or difference through discussions and negotiations with a view to bring out an amicable resolution and settlement.

If the said claim or dispute or difference is not resolved through discussions and negotiations within thirty (30) days from the written notice of dispute, then either Party may give notice in writing to the other Party of its intention to commence arbitration proceedings, as hereinafter provided, as to the matter in dispute, difference or claim, and no arbitration proceedings in respect of this matter shall commence unless such written notice of arbitration is served upon the other Party.

The Arbitral Tribunal shall comprise of a one (1) Arbitrator. The Arbitrator shall be nominated by Supplier / Contractor / Service Provider from a list provided by IGL of three (3) persons from its panel of arbitrators. Depending on the nature of the claim or dispute, the list of persons from IGL shall comprise of persons with the requisite technical expertise and relevant experience.

Supplier / Contractor / Service Provider waives any and all of its objections to the said persons being former employees of IGL or of any other public sector entity or with regard to such persons holding shares in the Company.

If Supplier / Contractor / Service Provider fails to nominate the Sole Arbitrator within a period of fifteen (15) days from receipt of such list of persons by IGL, then it shall be construed to be a waiver in respect of the said persons on part of Supplier / Contractor / Service Provider and IGL shall be free to nominate one (1) of the persons from the said list to be the Sole Arbitrator.

The arbitration proceedings shall be held in accordance with the provisions of the Indian Arbitration and Conciliation Act, 1996, as amended from time to time. The seat of the arbitration proceedings shall be in Delhi and shall be conducted in English Language. The decision of such arbitration proceedings shall be binding and



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

conclusive upon the Parties.

The fees of the Arbitral Tribunal shall be determined as per 4th Schedule of the Arbitration and Conciliation Act, 1996, as amended from time to time, and the Parties to the arbitration proceedings shall equally share the costs and expenses of any such arbitration proceedings.

Notwithstanding any reference to arbitration herein, the Parties shall continue to perform their respective obligations under the Agreement unless they otherwise mutually agree in writing.

SUBLETTING AND ASSIGNMENT

The contractor shall not, save with previous consent in writing of the owner i.e. IGL, sublet, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner whatsoever. Provided, nevertheless, that any such consent shall not relieve the contractor from any obligation, duty or responsibility under the contract.

TERMINATION AND FAILURE CLAUSE

Time and date of delivery shall be the essence of the contract.

If the contractor/ supplier fails to complete the work / deliver the entire quantity of goods ordered or a part thereof within the period agreed to for such part or total quantity as per the delivery / time schedule or at any time repudiates the contract before the expiry of such period, the purchaser may without prejudice to any other right or remedy available to him recover damages for breach of the contract in form of recovering the compensation / Price Reduction Schedule / termination of the contract whichever is in the interest of the company, in accordance with the provision of contract.

Termination of the contract as provided for above shall not prejudice or affect the rights of the owner, which may have accrued up to the date of such termination.

Termination and failure may also attract provisions of Holiday Listing Policy.

Grounds of termination:

IGL shall be at liberty to terminate the contracts at its sole discretion on any of the following grounds:

- i. If the contractor has got the contract by fraudulent means or suppression of material fact, which would have bearing on the award of contract.
- ii. The contractor goes insolvent
- iii. If the continuance of the business is stopped by any court of law or any authority of Government.
- iv. In case the contractor is the company and has been wound up by the court.
- v. In case of proprietorships firm, if the firm gets dissolved.
- vi. In case of partnership firm, if the partner goes mentally insane.
- vii. The contractor breaches any of the provision of the contract then IGL shall have liberty to terminate the contract.
- viii. The termination of the contract should be done after following the due process as per provisions of the contract.

FORCE MAJEURE



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

In the event of either party being rendered unable by Force Majeure to perform any obligations required to be performed by them under the contract, the relative obligation of the party affected by such Force Majeure shall upon notification to the other party be suspended for the period during which Force Majeure event lasts. The cost and loss sustained by the either party shall be borne by respective parties.

(a) The term "Force Majeure" as employed herein shall mean acts of God, earthquake, war (declared or undeclared), revolts, riots, fires, unprecedented floods, rebellions, explosions, hurricane, sabotage, civil commotions and acts and regulations of respective Government of the two parties, namely the owner and the contractor, any national / state level strike affecting manufacturing, transportation and imposition of ban affecting supply of goods.

(b) Upon the occurrence of such cause(s) and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing immediately but not later than 7 (seven) days of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.

(c) Time for performance of the relative obligation suspended by the Force Majeure shall then stand extended by the period for which such cause lasts provided it has adversely affected the overall completion schedule.

(d) If deliveries of bought out items and/or works to be executed by the contractor are suspended by Force Majeure conditions lasting for more than 1 (one) month, the parties to the contract shall hold discussions to resolve the situation mutually.

(e) If during the concurrence of the contract there shall be an out-break of war whether declared or not, in that part of the World which whether financially or otherwise materially affects the execution of the work, the contractor shall unless and until the contract is terminated under the provisions in this clause continue to use his best endeavor to complete the execution of the work, provided always that the owner shall be entitled, at any time after such outbreak of war to terminate the contract by giving notice in writing to the contractor and upon such notice being given the contractor shall, save as to the rights of the parties under this clause and to the operation of the clauses entitled Settlement of Dispute and Arbitration hereof, be terminated but without prejudice to the right of either party in respect of any antecedent breach thereof.

(f) If the contract shall be terminated under the provisions of the above clause, the contractor shall with all reasonable diligence remove from the site all the contractor's equipment and shall remove similar facilities of his sub-contractors.

APPLICABLE LAW

The contract shall be governed and interpreted in accordance with laws of India and court of competent jurisdiction of New Delhi shall have exclusive jurisdiction to try such suits.

EVALUATION OF PERFORMANCE

Performance of the contract awarded if any shall be evaluated on half yearly basis or early on need basis as per approved IGL Policy which is also available on IGL website www.iglonline.net.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

CONTRACTOR SAFETY MANUAL

The contractor / vendor needs to ensure adherence to all the safety conditions as mentioned in the Contractor Safety manual which can be downloaded from IGL website.

WHISTLE-BLOWER POLICY

Indraprastha Gas Limited (IGL) has implemented whistle-blower policy as part of the vigil mechanism to comply with the regulatory requirements laid down by SEBI (LODR) Regulations, 2015. With the implementation of vigil mechanism, the company provides a platform to its vendors and suppliers to come forward and raise their genuine concerns without any fear of retaliation and victimization.

The policy is designed to deal with concerns raised in relation to the specific issues which are not in the interest of the company. The company has appointed an independent third party service provider to manage the operations of whistle-blower hotline.

Detailed Policy is available on IGL website: www.iglonline.net.

ORDER / CONTRACT CLOSURE

One of the essential requirements after the execution of order by the supplier and completion of work by contractor is the closure of the order / contract, when both the parties formally declare that there are no outstanding dues and the supplies have been made / work has been accomplished in accordance with the provisions of the Purchase Order / contract.

The following essential elements have to be ascertained in accordance with the agreed terms and conditions.

(i) The supplies conform to the specifications contained in the Purchase Order. Correspondingly, the work has been performed at site in accordance with the specifications contained in the contract and the same have been taken over by IGL.

(ii) The time schedule permitted for completion of supplies / execution of work has been adhered to and there are no time over-runs. If any extensions in time were necessary as a result of delay by either of the parties, the contractual provisions pertaining to such delays have been satisfactorily implemented. For example, in the event the delays were attributable to the supplier / contractor and the Purchase Order / contract provided for applicability of price reduction and the same have been applied and amounts due, recovered.

(iii) Payments in accordance with the provisions of the Purchase Order / contract based on necessary inspections / joint measurements have been made and any and all bank guarantees for performance / security to cover the guarantees and warranties as are provided for in the Purchase Order / contract have all been obtained from the supplier / contractor

(iv) All materials issued to the contractor as free issue or on the basis of an issue price contained in the contract have been reconciled and any excess material



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

issued have been returned to the stores and duly accounted for. Any excess consumption and any scraps generated in accordance with the provisions of the contract and or any excess scrap generated have also been duly accounted for and recoveries if any made from the contractor.

(v) In the event any shortages or damages were noticed in the materials received, necessary replacements have either been received or claims lodged for replacement of such materials in so far as the liability of the supplier can be specified in that context. Similarly, for the damages and or defects noticed in the works executed by the contractors, necessary rectifications have been carried out to the satisfaction of IGL and recovery if any made in that regard from the contractor.

(vi) For any additional works executed by contractor necessary measurements have been carried out, in case such works did not form part of schedule of rates, necessary analyses of the rates have been obtained and accepted based on contractual provisions / market rates and the payment effected to the contractor duly acknowledged by him.

The contractor shall submit to IGL, any claim arising out of the contract or otherwise within a period of 30 days from the date of cause of action of the said claim. The contractor shall be deemed to have waived its rights to claim the same, if not raised within 30 days of cause of action of said claim. The said claim, if not raised within 30 days, cannot be taken up at any forum by the contractor including arbitration. This provision shall be incorporated in the bid documents as terms & conditions of contract.

Contractor will be required to submit final bill along with all relevant documents including material reconciliations to the owner within 60 days' period of the completion of work. IGL will ensure closure of the contract within 30 days of receipt of requisite documents / order closure recommendation from Project Management Consultant (PMC) / EIC.

POST ORDER CORRESPONDENCE

All post-order correspondence shall be addressed as under:

Copies of all correspondence (Letters/Transmittals etc.) alongwith requisite number of drawings, documents and specifications shall be sent to IGL following address:-

Kind Attention:

- i) Sh. Bhudev Singh - Head (PNG SBU) - EIC
- ii) Sh. Adesh Singhal - Head (C&P and Stores)

M/s INDRAPIRASTHA GAS LIMITED
IGL Bhawan, 4 Community Centre Sector-IX,
R.K. Puram New Delhi - 110 022
Phone No. 4607 4607

OTHER TERMS & CONDITIONS



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

All other terms & conditions shall be as per Tender No. IGL/ET2/CP/CP18457 dated 26.05.2025 & Corrigenda and Reply to Bidder Queries issued against the same.

ACCEPTANCE OF CONTRACT

This document has been digitally signed and certified by the authorized signatory of Indraprastha Gas Limited. Verification and validation of the document may be done in digital form. You are requested to submit your acceptance of this P.O. in entirety to the issuing authority.

**Yours truly,
For Indraprastha Gas Ltd**

Authorised Signatory



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SCHEDULE OF RATES

| Item No. | Service Description |
|----------|--------------------------|
| 00010 | MDPE/Cu/GI-Delhi-C |
| 00020 | MDPE/Cu/GI-Gr. Noida-C |
| 00030 | MDPE/Cu/GI-Noida-C |
| 00040 | MDPE/Cu/GI-Gzb-C |
| 00050 | MDPE/Cu/GI-Delhi-O |
| 00060 | MDPE/Cu/GI-Gr. Noida-O |
| 00070 | MDPE/Cu/GI-Noida-O |
| 00080 | MDPE/Cu/GI-Gzb-O |
| 00090 | MDPE/Cu/GI-Delhi (R) |
| 00100 | MDPE/Cu/GI-Gr. Noida (R) |
| 00110 | MDPE/Cu/GI-Noida (R) |
| 00120 | MDPE/Cu/GI-Gzb (R) |

SERVICE DETAILS FOR ITEM 00010 - MDPE/Cu/GI-Delhi-C

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1009417 | P/L LAY HDD WITH CASING 63MM(<50M) | NO | 22,916.51 |
| 20 | 1009418 | P/L LAY HDD W/O CASING 63MM(<50M) | NO | 20,732.27 |
| 30 | 1020287 | P/L LAY HDD WITH CASING 125/180MM(<50M) | NO | 38,300.59 |
| 40 | 1009421 | P/L LAY HDD W/O CASING 125/180MM <50M | NO | 32,922.99 |
| 50 | 1011975 | LAY PE UPTO 63MM HDD >50 MTR /WTH CASING | M | 624.95 |
| 60 | 1011976 | LAY PE UPTO 63MM HDD >50 MTR -W/O CASING | M | 493.22 |
| 70 | 1009424 | P/L LAY HDD WITH CASING 125MM(>50M) | M | 881.05 |
| 80 | 1009425 | P/L LAY HDD WITH CASING 180MM(>50M) | M | 946.00 |
| 90 | 1011925 | LAY PE 125/180MM HDD >50 MTR -W/O CASING | M | 639.65 |
| 100 | 1011926 | LAY PE UPTO 63MM ANY METHOD-W,W/O CASING | M | 290.42 |
| 110 | 1011981 | LAY PE 125&180MM ANY METHOD-W,W/O CASING | M | 435.01 |
| 120 | 1017348 | LAY I&C SERVICE LINE UPTO 6 MTR | NO | 5,749.60 |
| 130 | 1020260 | LIAS. NHAI/RAILWAY/FOREST/CANTT. | M | 170.36 |
| 140 | 1020261 | LIAS. NDMC/PWD/DDA/FLOOD & IRRIGATION | M | 80.39 |
| 150 | 1020262 | LIAS. WITH PERMISSION STATUTORY AUTHORTY | M | 51.59 |
| 160 | 1020263 | LIAS. W/O PERMISSION STATUTORY AUTHORITY | M | 32.39 |
| 170 | 1020264 | HSE COMPLAINECE CHARGES- MDPE | M | 13.79 |
| 180 | 1009427 | SHIFT/INSTALL-FRS/MRS (UPTO 3TON) | NO | 14,765.26 |
| 190 | 1009428 | SHIFT/INSTALL-FRS/MRS (>3 TO 10TON) | NO | 20,941.80 |
| 200 | 1012015 | SUPPLY OF METER CLAMPS | NO | 32.78 |
| 210 | 1012021 | REPL OF EXIST FAULTY METER BY NEW METER | NO | 250.60 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|----------------|-------------------|--|-------------|------------------|
| 220 | 1020268 | NEW VC CONSTRUCTION- RCC | NO | 27,591.13 |
| 230 | 1020269 | NEW VC CONSTRUCTION- LONG STEM | NO | 22,998.40 |
| 240 | 1020277 | LIAS. FOR CONSTRUCTION OF NEW VC | NO | 2,156.10 |
| 250 | 1007213 | SUPP & INSTALL RCC MARKER | NO | 616.93 |
| 260 | 1007282 | SUPP/INSTALL POLE MARKER INC. LIASIONING | NO | 2,123.61 |
| 270 | 1007303 | SUP/INSTALL PLATE MARKER INC. LIASIONING | NO | 195.78 |

SERVICE TEXTS FOR ITEM 10

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 20

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 30

"Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims."



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 40

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 50

Lay of upto 63 mm by HDD machine for more than 50 meters with casing

SERVICE TEXTS FOR ITEM 60

Laying of Pipe line of size upto 63 mm dia. by HDD machine for more than 50 meters without casing

SERVICE TEXTS FOR ITEM 70

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 80

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 90

Laying of Pipe line of size 125/180 mm dia. by HDD machine for more than 50 meters without casing.

SERVICE TEXTS FOR ITEM 100

Laying of Pipe line of size upto 63 mm dia. by any method (With or without casing)

SERVICE TEXTS FOR ITEM 110

LAYING OF PIPE LINE OF SIZE 125 & 180 MM DIA. BY ANY METHOD (WITH OR WITHOUT CASING)

SERVICE TEXTS FOR ITEM 120

Includes laying of pipeline (for 20 & 32mm) in all type of surface i.e. Kutcha, metal, concrete (PCC/RCC), bituminous, rocky, tiled, brick lined etc. after racking up of hard surface of any type by any methodology. Roads, Pavement, Footpaths etc. shall be made motorable once the pipeline is laid. Supply & installation of GI Sleeve / Half round Concrete sleeve shall be included in laying rates.

SERVICE TEXTS FOR ITEM 130

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 140

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 150

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 160

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractors scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor shall ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 170

The scope of work includes ensuring compliance with all applicable Health, Safety, and Environment regulations, laws and guidelines provided by client related to MDPE work. The contractor shall be responsible for implementing and maintaining an effective HSE Management system that ensures the safety and well being of personnel, prevents harm to the environment and minimizes risks associated with the work. Contractor will ensure to follow work permit system, conducting tool box talk, risk assessment, mitigate potential hazard, proper barricading of site, availability of PPE's before commencement of work. The contractor shall be held responsible for any disruption caused to environment, personnel and property and follow the government guidelines and regulations. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 180

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 190

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 200

SUPPLY OF Meter Clamps

SERVICE TEXTS FOR ITEM 210

Replacement of existing faulty meter by New Meter

SERVICE TEXTS FOR ITEM 220

The scope of work for the construction of RCC valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 230

The scope of work for the construction of long stem valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.



SERVICE TEXTS FOR ITEM 240

"Scope includes Coordination with other utility agencies and obtaining permissions from land-owing agencies like MCD, PWD, DDA, NDMC, NHAI, AAI, GDA, GNDA, GNN, Forest Dept, NHAI, Indian Railways, other government agencies that maintain the public and private lands, i.e., apartments/institutions, etc., Settlement of claims with third party, if any on the cases where a Valve Chamber is constructed on the existing charged pipeline."

SERVICE TEXTS FOR ITEM 250

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 260

Supply & Installation of Route Markers (Pole markers with foundation as per Drawing and instructions of EIC and specification.)

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 270

Supply & Installation of Route Markers (Plate markers as per Drawing and instructions of EIC and specification.)

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

reinstalation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE DETAILS FOR ITEM 00020 - MDPE/Cu/GI-Gr. Noida-C

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1009417 | P/L LAY HDD WITH CASING 63MM(<50M) | NO | 22,916.51 |
| 20 | 1009418 | P/L LAY HDD W/O CASING 63MM(<50M) | NO | 20,732.27 |
| 30 | 1020287 | P/L LAY HDD WITH CASING 125/180MM(<50M) | NO | 38,300.59 |
| 40 | 1009421 | P/L LAY HDD W/O CASING 125/180MM <50M | NO | 32,922.99 |
| 50 | 1011975 | LAY PE UPTO 63MM HDD >50 MTR /WTH CASING | M | 624.95 |
| 60 | 1011976 | LAY PE UPTO 63MM HDD >50 MTR -W/O CASING | M | 493.22 |
| 70 | 1009424 | P/L LAY HDD WITH CASING 125MM(>50M) | M | 881.05 |
| 80 | 1009425 | P/L LAY HDD WITH CASING 180MM(>50M) | M | 946.00 |
| 90 | 1011925 | LAY PE 125/180MM HDD >50 MTR -W/O CASING | M | 639.65 |
| 100 | 1011926 | LAY PE UPTO 63MM ANY METHOD-W,W/O CASING | M | 290.42 |
| 110 | 1011981 | LAY PE 125&180MM ANY METHOD-W,W/O CASING | M | 435.01 |
| 120 | 1017348 | LAY I&C SERVICE LINE UPTO 6 MTR | NO | 5,749.60 |
| 130 | 1020260 | LIAS. NHAI/RAILWAY/FOREST/CANTT. | M | 170.36 |
| 140 | 1020261 | LIAS. NDMC/PWD/DDA/FLOOD & IRRIGATION | M | 80.39 |
| 150 | 1020262 | LIAS. WITH PERMISSION STATUTORY AUTHORTY | M | 51.59 |
| 160 | 1020263 | LIAS. W/O PERMISSION STATUTORY AUTHORITY | M | 32.39 |
| 170 | 1020264 | HSE COMPLAINCE CHARGES- MDPE | M | 13.79 |
| 180 | 1009427 | SHIFT/INSTALL-FRS/MRS (UPTO 3TON) | NO | 14,765.26 |
| 190 | 1009428 | SHIFT/INSTALL-FRS/MRS (>3 TO 10TON) | NO | 20,941.80 |
| 200 | 1012015 | SUPPLY OF METER CLAMPS | NO | 32.78 |
| 210 | 1012021 | REPL OF EXIST FAULTY METER BY NEW METER | NO | 250.60 |
| 220 | 1020268 | NEW VC CONSTRUCTION- RCC | NO | 27,591.13 |
| 230 | 1020269 | NEW VC CONSTRUCTION- LONG STEM | NO | 22,998.40 |
| 240 | 1020277 | LIAS. FOR CONSTRUCTION OF NEW VC | NO | 2,156.10 |
| 250 | 1007213 | SUPP & INSTALL RCC MARKER | NO | 616.93 |
| 260 | 1007282 | SUPP/INSTALL POLE MARKER INC. LIASIONING | NO | 2,123.61 |
| 270 | 1007303 | SUP/INSTALL PLATE MARKER INC. LIASIONING | NO | 195.78 |

SERVICE TEXTS FOR ITEM 10

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging ,commissioning and backfilling, compaction,



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 20

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 30

"Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims."

SERVICE TEXTS FOR ITEM 40

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 50

Lay of upto 63 mm by HDD machine for more than 50 meters with casing



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 60

Laying of Pipe line of size upto 63 mm dia. by HDD machine for more than 50 meters without casing

SERVICE TEXTS FOR ITEM 70

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 80

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 90

Laying of Pipe line of size 125/180 mm dia. by HDD machine for more than 50 meters without casing.

SERVICE TEXTS FOR ITEM 100

Laying of Pipe line of size upto 63 mm dia. by any method (With or without casing)

SERVICE TEXTS FOR ITEM 110

LAYING OF PIPE LINE OF SIZE 125 & 180 MM DIA. BY ANY METHOD (WITH OR WITHOUT



CASING)

SERVICE TEXTS FOR ITEM 120

Includes laying of pipeline (for 20 & 32mm) in all type of surface i.e. Kutcha, metal, concrete (PCC/RCC), bituminous, rocky, tiled, brick lined etc. after racking up of hard surface of any type by any methodology. Roads, Pavement, Footpaths etc. shall be made motorable once the pipeline is laid. Supply & installation of GI Sleeve / Half round Concrete sleeve shall be included in laying rates.

SERVICE TEXTS FOR ITEM 130

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 140

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 150

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 160

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractors scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor shall ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 170

The scope of work includes ensuring compliance with all applicable Health, Safety, and Environment regulations, laws and guidelines provided by client related to MDPE work. The contractor shall be responsible for implementing and maintaining an effective HSE Management system that ensures the safety and well being of personnel, prevents harm to the environment and minimizes risks associated with the work. Contractor will ensure to follow work permit system, conducting tool box talk, risk assessment, mitigate potential hazard, proper barricading of site, availability of PPE's before commencement of work. The contractor shall be held responsible for any disruption caused to environment, personnel and property and follow the government guidelines and regulations. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 180

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 190

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 200

SUPPLY OF Meter Clamps

SERVICE TEXTS FOR ITEM 210



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Replacement of existing faulty meter by New Meter

SERVICE TEXTS FOR ITEM 220

The scope of work for the construction of RCC valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 230

The scope of work for the construction of long stem valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 240

"Scope includes Coordination with other utility agencies and obtaining permissions from land-owing agencies like MCD, PWD, DDA, NDMC, NHAI, AAI, GDA, GNDA, GNN, Forest Dept, NHAI, Indian Railways, other government agencies that maintain the public and private lands, i.e., apartments/institutions, etc.., Settlement of claims with third party, if any on the cases where a Valve Chamber is constructed on the existing charged pipeline."

SERVICE TEXTS FOR ITEM 250

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, supply and application of approved color and quality of primer and paint, stencil letter cutting of numbers, direction, chainage etc., restoration of area to



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

original condition and performing all works as per drawings, specification and instruction of Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 260

Supply & Installation of Route Markers (Pole markers with foundation as per Drawing and instructions of EIC and specification.)

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 270

Supply & Installation of Route Markers (Plate markers as per Drawing and instructions of EIC and specification.)

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE DETAILS FOR ITEM 00030 - MDPE/Cu/GI-Noida-C

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1009417 | P/L LAY HDD WITH CASING 63MM(<50M) | NO | 22,916.51 |
| 20 | 1009418 | P/L LAY HDD W/O CASING 63MM(<50M) | NO | 20,732.27 |
| 30 | 1020287 | P/L LAY HDD WITH CASING 125/180MM(<50M) | NO | 38,300.59 |
| 40 | 1009421 | P/L LAY HDD W/O CASING 125/180MM <50M | NO | 32,922.99 |
| 50 | 1011975 | LAY PE UPTO 63MM HDD >50 MTR /WTH CASING | M | 624.95 |
| 60 | 1011976 | LAY PE UPTO 63MM HDD >50 MTR -W/O CASING | M | 493.22 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 70 | 1009424 | P/L LAY HDD WITH CASING 125MM(>50M) | M | 881.05 |
| 80 | 1009425 | P/L LAY HDD WITH CASING 180MM(>50M) | M | 946.00 |
| 90 | 1011925 | LAY PE 125/180MM HDD >50 MTR -W/O CASING | M | 639.65 |
| 100 | 1011926 | LAY PE UPTO 63MM ANY METHOD-W,W/O CASING | M | 290.42 |
| 110 | 1011981 | LAY PE 125&180MM ANY METHOD-W,W/O CASING | M | 435.01 |
| 120 | 1017348 | LAY I&C SERVICE LINE UPTO 6 MTR | NO | 5,749.60 |
| 130 | 1020260 | LIAS. NHAI/RAILWAY/FOREST/CANTT. | M | 170.36 |
| 140 | 1020261 | LIAS. NDMC/PWD/DDA/FLOOD & IRRIGATION | M | 80.39 |
| 150 | 1020262 | LIAS. WITH PERMISSION STATUTORY AUTHORTY | M | 51.59 |
| 160 | 1020263 | LIAS. W/O PERMISSION STATUTORY AUTHORITY | M | 32.39 |
| 170 | 1020264 | HSE COMPLAINECE CHARGES- MDPE | M | 13.79 |
| 180 | 1009427 | SHIFT/INSTALL-FRS/MRS (UPTO 3TON) | NO | 14,765.26 |
| 190 | 1009428 | SHIFT/INSTALL-FRS/MRS (>3 TO 10TON) | NO | 20,941.80 |
| 200 | 1012015 | SUPPLY OF METER CLAMPS | NO | 32.78 |
| 210 | 1012021 | REPL OF EXIST FAULTY METER BY NEW METER | NO | 250.60 |
| 220 | 1020268 | NEW VC CONSTRUCTION- RCC | NO | 27,591.13 |
| 230 | 1020269 | NEW VC CONSTRUCTION- LONG STEM | NO | 22,998.40 |
| 240 | 1020277 | LIAS. FOR CONSTRUCTION OF NEW VC | NO | 2,156.10 |
| 250 | 1007213 | SUPP & INSTALL RCC MARKER | NO | 616.93 |
| 260 | 1007282 | SUPP/INSTALL POLE MARKER INC. LIASIONING | NO | 2,123.61 |
| 270 | 1007303 | SUP/INSTALL PLATE MARKER INC. LIASIONING | NO | 195.78 |

SERVICE TEXTS FOR ITEM 10

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits,Jointing and insertion of the carrier pipe, Jointing,flushing,testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 20

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits,Jointing,flushing,testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 30

"Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims."

SERVICE TEXTS FOR ITEM 40

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits,Jointing and insertion of the carrier pipe, Jointing,flushing,testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 50

Lay of upto 63 mm by HDD machine for more than 50 meters with casing

SERVICE TEXTS FOR ITEM 60

Laying of Pipe line of size upto 63 mm dia. by HDD machine for more than 50 meters without casing

SERVICE TEXTS FOR ITEM 70

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 80

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 90

Laying of Pipe line of size 125/180 mm dia. by HDD machine for more than 50 meters without casing.

SERVICE TEXTS FOR ITEM 100

Laying of Pipe line of size upto 63 mm dia. by any method (With or without casing)

SERVICE TEXTS FOR ITEM 110

LAYING OF PIPE LINE OF SIZE 125 & 180 MM DIA. BY ANY METHOD (WITH OR WITHOUT CASING)

SERVICE TEXTS FOR ITEM 120

Includes laying of pipeline (for 20 & 32mm) in all type of surface i.e. Kutch, metal, concrete (PCC/RCC), bituminous, rocky, tiled, brick lined etc. after racking up of hard surface of any type by any methodology. Roads, Pavement, Footpaths etc. shall be made motorable once the pipeline is laid. Supply & installation of GI Sleeve / Half round Concrete sleeve shall be included in laying rates.

SERVICE TEXTS FOR ITEM 130



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 140

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 150

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 160

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractors scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor shall ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 170

The scope of work includes ensuring compliance with all applicable Health, Safety,



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

and Environment regulations, laws and guidelines provided by client related to MDPE work. The contractor shall be responsible for implementing and maintaining an effective HSE Management system that ensures the safety and well being of personnel, prevents harm to the environment and minimizes risks associated with the work. Contractor will ensure to follow work permit system, conducting tool box talk, risk assessment, mitigate potential hazard, proper barricading of site, availability of PPE's before commencement of work. The contractor shall be held responsible for any disruption caused to environment, personnel and property and follow the government guidelines and regulations. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 180

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 190

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 200

SUPPLY OF Meter Clamps

SERVICE TEXTS FOR ITEM 210

Replacement of existing faulty meter by New Meter

SERVICE TEXTS FOR ITEM 220

The scope of work for the construction of RCC valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 230

The scope of work for the construction of long stem valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 240

"Scope includes Coordination with other utility agencies and obtaining permissions from land-owning agencies like MCD, PWD, DDA, NDMC, NHAI, AAI, GDA, GNDA, GNN, Forest Dept, NHAI, Indian Railways, other government agencies that maintain the public and private lands, i.e., apartments/institutions, etc., Settlement of claims with third party, if any on the cases where a Valve Chamber is constructed on the existing charged pipeline."

SERVICE TEXTS FOR ITEM 250

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 260

Supply & Installation of Route Markers (Pole markers with foundation as per Drawing and instructions of EIC and specification.)

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, supply and application of approved color and quality of primer and paint, stencil letter cutting of numbers, direction, chainage etc., restoration of area to



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

original condition and performing all works as per drawings, specification and instruction of Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 270

Supply & Installation of Route Markers (Plate markers as per Drawing and instructions of EIC and specification.)

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE DETAILS FOR ITEM 00040 - MDPE/Cu/GI-Gzb-C

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1009417 | P/L LAY HDD WITH CASING 63MM(<50M) | NO | 22,916.51 |
| 20 | 1009418 | P/L LAY HDD W/O CASING 63MM(<50M) | NO | 20,732.27 |
| 30 | 1020287 | P/L LAY HDD WITH CASING 125/180MM(<50M) | NO | 38,300.59 |
| 40 | 1009421 | P/L LAY HDD W/O CASING 125/180MM <50M | NO | 32,922.99 |
| 50 | 1011975 | LAY PE UPTO 63MM HDD >50 MTR /WTH CASING | M | 624.95 |
| 60 | 1011976 | LAY PE UPTO 63MM HDD >50 MTR -W/O CASING | M | 493.22 |
| 70 | 1009424 | P/L LAY HDD WITH CASING 125MM(>50M) | M | 881.05 |
| 80 | 1009425 | P/L LAY HDD WITH CASING 180MM(>50M) | M | 946.00 |
| 90 | 1011925 | LAY PE 125/180MM HDD >50 MTR -W/O CASING | M | 639.65 |
| 100 | 1011926 | LAY PE UPTO 63MM ANY METHOD-W,W/O CASING | M | 290.42 |
| 110 | 1011981 | LAY PE 125&180MM ANY METHOD-W,W/O CASING | M | 435.01 |
| 120 | 1017348 | LAY I&C SERVICE LINE UPTO 6 MTR | NO | 5,749.60 |
| 130 | 1020260 | LIAS. NHAI/RAILWAY/FOREST/CANTT. | M | 170.36 |
| 140 | 1020261 | LIAS. NDMC/PWD/DDA/FLOOD & IRRIGATION | M | 80.39 |
| 150 | 1020262 | LIAS. WITH PERMISSION STATUTORY AUTHORTY | M | 51.59 |
| 160 | 1020263 | LIAS. W/O PERMISSION STATUTORY AUTHORITY | M | 32.39 |
| 170 | 1020264 | HSE COMPLAINECE CHARGES- MDPE | M | 13.79 |
| 180 | 1009427 | SHIFT/INSTALL-FRS/MRS(UPTO 3TON) | NO | 14,765.26 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 190 | 1009428 | SHIFT/INSTALL-FRS/MRS (>3 TO 10TON) | NO | 20,941.80 |
| 200 | 1012015 | SUPPLY OF METER CLAMPS | NO | 32.78 |
| 210 | 1012021 | REPL OF EXIST FAULTY METER BY NEW METER | NO | 250.60 |
| 220 | 1020268 | NEW VC CONSTRUCTION- RCC | NO | 27,591.13 |
| 230 | 1020269 | NEW VC CONSTRUCTION- LONG STEM | NO | 22,998.40 |
| 240 | 1020277 | LIAS. FOR CONSTRUCTION OF NEW VC | NO | 2,156.10 |
| 250 | 1007213 | SUPP & INSTALL RCC MARKER | NO | 616.93 |
| 260 | 1007282 | SUPP/INSTALL POLE MARKER INC. LIASIONING | NO | 2,123.61 |
| 270 | 1007303 | SUP/INSTALL PLATE MARKER INC. LIASIONING | NO | 195.78 |

SERVICE TEXTS FOR ITEM 10

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 20

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 30

"Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims."

SERVICE TEXTS FOR ITEM 40

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. In this SOR payment will be made on Nos. basis for length less than 50 meters. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 50

Lay of upto 63 mm by HDD machine for more than 50 meters with casing

SERVICE TEXTS FOR ITEM 60

Laying of Pipe line of size upto 63 mm dia. by HDD machine for more than 50 meters without casing

SERVICE TEXTS FOR ITEM 70

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing and insertion of the carrier pipe, Jointing, flushing, testing, purging, commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 80

Scope includes providing HDD machines with fuel, driver/operator, transportation with all tools & consumable required for excavation in emergency, receiving and transportation of free issue material from IGL stores or Contractor's store to site for repairing the damaged section of gas pipeline. Survey of the underground utilities, submission of profile for approval, execution of the work including excavation of the pits, Jointing and insertion of the carrier pipe, Jointing



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

and insertion of the carrier pipe, Jointing, flushing, testing, purging ,commissioning and backfilling, compaction, submission of as built graphs as defined in bid document & as instructed by EIC / Site Engineer of Owner/ Consultant. This SOR is applicable in cases where HDD length is more than 50 Meters; payment for total laid quantity will be made on running meter basis. Maximum length of MDPE pipe laying allowed in single stretch shall be 500 metres .Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 90

Laying of Pipe line of size 125/180 mm dia. by HDD machine for more than 50 meters without casing.

SERVICE TEXTS FOR ITEM 100

Laying of Pipe line of size upto 63 mm dia. by any method (With or without casing)

SERVICE TEXTS FOR ITEM 110

LAYING OF PIPE LINE OF SIZE 125 & 180 MM DIA. BY ANY METHOD (WITH OR WITHOUT CASING)

SERVICE TEXTS FOR ITEM 120

Includes laying of pipeline (for 20 & 32mm) in all type of surface i.e. Kutch, metal, concrete (PCC/RCC), bituminous, rocky, tiled, brick lined etc. after racking up of hard surface of any type by any methodology. Roads, Pavement, Footpaths etc. shall be made motorable once the pipeline is laid. Supply & installation of GI Sleeve / Half round Concrete sleeve shall be included in laying rates.

SERVICE TEXTS FOR ITEM 130

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 140

Scope includes liaisoning with land-owning agencies and other stakeholders to



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 150

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary written permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractor's scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor will submit the demand note and ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 160

Scope includes liaisoning with land-owning agencies and other stakeholders to obtain necessary permissions, approvals, and clearances for laying pipelines. Submission of application as per approved plan/drawing (inclusive of initial route Survey, preparation of drawings, measuring and providing details of surface type) provided by client shall be in contractors scope. The contractor shall also facilitate meetings, negotiation, and discussion with stakeholders to resolve any issues or disputes related to laying. Contractor shall ensure the compliance with all applicable laws, regulations, and guidelines related to land acquisition and environmental clearances.

SERVICE TEXTS FOR ITEM 170

The scope of work includes ensuring compliance with all applicable Health, Safety, and Environment regulations, laws and guidelines provided by client related to MDPE work. The contractor shall be responsible for implementing and maintaining an effective HSE Management system that ensures the safety and well being of personnel, prevents harm to the environment and minimizes risks associated with the work. Contractor will ensure to follow work permit system, conducting tool box talk, risk assessment, mitigate potential hazard, proper barricading of site, availability of PPE's before commencement of work. The contractor shall be held responsible for any disruption caused to environment, personnel and property and follow the government guidelines and regulations. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 180

Scope includes Dismantling (if required), Loading at IGL's store/ site,



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 190

Scope includes Dismantling (if required), Loading at IGL's store/ site, Transportation to another store/ site, Unloading , shifting and installations of skids on the platform / foundation using cranes / hydra with fuel, driver/operator and all consumable required as per site conditions. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 200

SUPPLY OF Meter Clamps

SERVICE TEXTS FOR ITEM 210

Replacement of existing faulty meter by New Meter

SERVICE TEXTS FOR ITEM 220

The scope of work for the construction of RCC valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 230

The scope of work for the construction of long stem valve chambers includes preparing the site by clearing and excavating to the required depth and dimensions for the valve chamber, ensuring proper drainage and soil compaction to create a stable foundation. The work includes PCC (Plain Cement Concrete) foundation, followed by the construction of the chamber walls using appropriate materials, such as brickwork, RCC, or pre-cast concrete, in accordance with the approved design specifications. Reinforcement will be installed as per the structural design to ensure stability, strength and sealing of all connections to prevent leaks and ensure functionality. The valve chamber will be equipped with a durable lid /manhole cover or slabs, providing easy access for maintenance. The work will



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

comply with relevant safety, quality, and regulatory standards. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims.

SERVICE TEXTS FOR ITEM 240

"Scope includes Coordination with other utility agencies and obtaining permissions from land-owing agencies like MCD, PWD, DDA, NDMC, NHAI, AAI, GDA, GNDA, GNN, Forest Dept, NHAI, Indian Railways, other government agencies that maintain the public and private lands, i.e., apartments/institutions, etc., Settlement of claims with third party, if any on the cases where a Valve Chamber is constructed on the existing charged pipeline."

SERVICE TEXTS FOR ITEM 250

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 260

Supply & Installation of Route Markers (Pole markers with foundation as per Drawing and instructions of EIC and specification.) Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 270

Supply & Installation of Route Markers (Plate markers as per Drawing and instructions of EIC and specification.) Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, supply and application of approved color and quality of primer and paint, stencil



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

letter cutting of numbers, direction, chainage etc., restoration of area to original condition and performing all works as per drawings, specification and instruction of Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE DETAILS FOR ITEM 00050 - MDPE/Cu/GI-Delhi-O

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 10 | 1009416 | HIRING-RCC BREAKERS | LMP | 2,094.79 |
| 20 | 1009414 | HIRING-TRACTOR MOUNTED AIR COMP | LMP | 1,650.60 |
| 30 | 1011972 | HIRING OF JCB M/C FOR 4 HOURS | LMP | 3,593.50 |
| 40 | 1009415 | HIRING-DE-WATERING PUMP | LMP | 2,874.80 |
| 50 | 1020259 | HIRING OF WELDER FOR 08 HOURS | NO | 2,012.36 |
| 60 | 1007137 | RESTORATION-PITS/ TRENCHES | M3 | 2,389.89 |
| 70 | 1009364 | SHIFTING-WALL MOUNTED MRS | LMP | 5,476.24 |
| 80 | 1011927 | ATTEND/REPAIR-EMER LEAK MDPE UPTO 32 MM | NO | 4,783.90 |
| 90 | 1011928 | ATTEND/REPAIR -EMER LEAK MDPE 63 MM | NO | 5,806.49 |
| 100 | 1020288 | ATTEND/REPAIR -EMER LEAK MDPE 125/180 MM | NO | 16,031.70 |
| 110 | 1017352 | MODI./INST.-DIA./THERMAL METER IN MRS | NO | 2,958.08 |
| 120 | 1012154 | MOD/INST-RPD MTR IN EXISTING SKIDS | NO | 3,820.75 |
| 130 | 1012156 | MOD/INST-REG 300MBAR IN EXISTING SKIDS | NO | 3,820.75 |
| 140 | 1012157 | MOD/INST-REG 500MBAR IN EXISTING SKIDS | NO | 1,849.11 |
| 150 | 1012158 | MOD/INST-REG 2BAR IN EXISTING SKIDS | NO | 1,972.26 |
| 160 | 1017353 | DISM./SHIFTING OF I&C CAGES/CABINETS | NO | 1,409.19 |
| 170 | 1006290 | PAINTING - GI PIPES 3/4" | M | 18.38 |
| 180 | 1012012 | PAINTING OF GI PIPE 1" | M | 24.51 |
| 190 | 1020282 | PAINTING OF SR CABINET | NO | 6,468.30 |
| 200 | 1012014 | PAINTING OF FRS/MRS SKID (ALL TYPES) | NO | 3,065.91 |
| 210 | 1017354 | PAINTING OF I&C WALL MOUNTED MRS | NO | 1,653.66 |
| 220 | 1009437 | RISER TESTING (REG TO MIV) ALL SIZES | M | 22.06 |
| 230 | 1012032 | SUPP/SER-REPL/INSTALL PVC CLAMP FOR CU | NO | 11.33 |
| 240 | 1012033 | SUP/SER-REPL/INSTL CLAMPS ¾" / ½ #GI PIPE | NO | 32.78 |
| 250 | 1012034 | SUPP/SER-REPL/INSTAL CLAMP1#&ABV GI PIPE | NO | 51.26 |
| 260 | 1012017 | SUPPLY CU PIPE&BRASS FIT (FOR ANAC.REPL) | NO | 310.51 |
| 270 | 1012018 | SERVICE-REPL EXIS ANAC WTH CU PIPE&BRASS | NO | 224.86 |
| 280 | 1012016 | INSTALLATION OF METER CLAMPS | NO | 58.21 |
| 290 | 1012022 | REPL OF METER REGUL - 100MBAR TO 21 MBAR | NO | 239.56 |
| 300 | 1017362 | SUPPLY OF METER STICKERS | NO | 1.79 |
| 310 | 1020297 | PAINTING - GI PIPES UPTO 3/4" | M | 72.26 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 320 | 1020267 | ATTEND & REPAIR RISER LEAKAGE | NO | 1,078.05 |
| 330 | 1020270 | VC HEIGHT MODIFICATION/REPAIR | M3 | 8,014.01 |
| 340 | 1020271 | RING INSTALLATION ON EXISTING VC | NO | 4,887.16 |
| 350 | 1007207 | FAB FRESH TOP RCC SLAB WITH MANHOLE | NO | 8,624.40 |
| 360 | 1007208 | PROVD MANHOLE COVER -VALVE CHAMBER | NO | 1,342.75 |
| 370 | 1020274 | SAND FILLING IN VALVE CHAMBER | M3 | 1,271.24 |
| 380 | 1020275 | VC- CLEANING OF MALBA/WATER/MUD SLURRY | NO | 1,293.66 |
| 390 | 1020276 | PAINTING OF VC MANHOLE COVER | NO | 72.26 |
| 400 | 1007212 | REINSTALL UPROOTED ROUTE MARKER | NO | 363.94 |
| 410 | 1020278 | RE- INSTALLATION OF POLE MARKER | NO | 539.03 |
| 420 | 1007210 | PAINTING OF RCC MARKER OF ALL SIZE | NO | 153.79 |
| 430 | 1007211 | PAINTING OF POLE MARKER OF ALL SIZE | NO | 323.50 |
| 440 | 1009440 | REFURBISH EXISTING PLATE MARKERS | NO | 150.73 |
| 450 | 1009441 | PAINTING & STENCILLING OF MARKERS | NO | 49.02 |
| 460 | 1014021 | SUPPLY & INSTALLATION OF SR CABINET | NO | 2,255.80 |
| 470 | 1020279 | FOUNDATION WORK FOR SR | NO | 4,057.86 |
| 480 | 1020280 | NEW SR INSTALL WITH FOUNDATION & CABINET | NO | 11,593.36 |
| 490 | 1020281 | UPLIFTING & SHIFTING OF SR (UTPO 3 MTR.) | NO | 8,265.05 |
| 500 | 1020282 | PAINTING OF SR CABINET | NO | 539.03 |
| 510 | 1007198 | SUP & INSTALL RCC HALF ROUND +PEDESTAL | NO | 295.61 |
| 520 | 1007199 | SUP & INSTAL GI SLVE, 2.5"/3" NB, 1"+PEDS | NO | 377.26 |
| 530 | 1012024 | SUPPLY AND INSTALL OF RCC CRUSH GUARD | NO | 627.58 |
| 540 | 1007200 | CONSTRUCTION OF PEDESTAL | NO | 213.83 |
| 550 | 1007201 | SAND FILLING IN ALL TYPE OF SLEEVES | NO | 25.63 |
| 560 | 1014022 | PEDESTAL FOR NALLAH XING (WT <1M) | NO | 3,171.82 |
| 570 | 1014043 | PEDESTAL FOR NALLAH XING (WT >1M) | NO | 4,581.32 |
| 580 | 1020283 | STRUCTURAL STEEL WORKS | KG | 82.10 |
| 590 | 1007177 | PROV/ LAY PLAIN CEMENT CONCRT (1:2:4) | M3 | 4,790.64 |
| 600 | 1009380 | FOUNDATION WORK STEEL BAR REINFORCEMENT | KG | 60.85 |
| 610 | 1007179 | PROV/ LAY REINF CEMENT CONCRT (M25) | M3 | 6,072.05 |
| 620 | 1012041 | SUPPLY OF PG 0-1 BAR - 4"- DIAL | NO | 719.45 |
| 630 | 1012042 | SUPPLY OF PG 0-4 BAR - 4"- DIAL | NO | 1,541.45 |
| 640 | 1020298 | SUPPLY DP GAUGE 0-2 BAR | NO | 1,541.45 |
| 650 | 1012043 | SUPPLY OF PG 0-6 BAR - 4"- DIAL | NO | 2,089.44 |
| 660 | 1020299 | INSTALLATION OF PRESSURE GAUGE | NO | 199.74 |
| 670 | 1012020 | SUPPLY - BRASS ADAPTOR (SIZE 1/4"X12MM) | NO | 183.64 |
| 680 | 1014049 | SPLY BRASS ADAPTOR (SIZE 1/2"X12MM) | NO | 133.81 |
| 690 | 1017363 | SUP. BRASS UNION CONNECTOR-1/2" | NO | 140.18 |
| 700 | 1017364 | SUP. BRASS UNION CONNECTOR-3/4" | NO | 145.40 |
| 710 | 1017365 | SUP. BRASS UNION DISCONNECTOR-1/2" | NO | 139.03 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 720 | 1017366 | SUP. BRASS UNION DISCONNECTOR-3/4" | NO | 144.24 |
| 730 | 1017368 | SUP. G.I FITTINGS 1/2" OF ALL TYPES | NO | 42.86 |
| 740 | 1017369 | SUP. G.I FITTINGS 3/4" OF ALL TYPES | NO | 52.13 |
| 750 | 1017370 | SUP. G.I FITTINGS 1" OF ALL TYPES | NO | 64.30 |
| 760 | 1017371 | SUP. REDUCER FITTINGS (1/2" & 3/4") ALL | NO | 47.50 |
| 770 | 1012040 | SUPPLY OF NEW COPPER JUMPER | NO | 130.34 |
| 780 | 1020284 | SUPPLY OF LOCK (GODREJ MAKE- COMP. KEY) | NO | 795.07 |
| 790 | 1020285 | PRINT AND SUPPLY LOG BOOKS (100 PAGES) | NO | 191.28 |
| 800 | 1020286 | PRINT CAUTION BOARD SIGNAGES | FT2 | 51.23 |

SERVICE TEXTS FOR ITEM 10

Providing RCC Breaker machines with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of RCC Breaker Compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by RCC Breaker m/c.

SERVICE TEXTS FOR ITEM 20

Providing tractor mounted air compressor with fuel, driver/operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of tractor mounted air compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by tractor mounted air compressor.

SERVICE TEXTS FOR ITEM 30

Hiring of JCB M/c for 4 hours

SERVICE TEXTS FOR ITEM 40

Providing De-watering pump with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of De-watering pump shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by De-watering pump.

SERVICE TEXTS FOR ITEM 50

Scope includes supplying a Welding machine along with power source/fuel, a operator with helper, transportation, and all necessary tools, tackles, and consumables required within the time frame specified in the tender document. Payment for the deployment of the Welder will be made for a minimum of 8 hours. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

machine/workmanship.

SERVICE TEXTS FOR ITEM 60

Restoration of trenches & pits excavated for repairing of damaged or for rerouting/modifications of laid/existing MDPE pipeline to original conditions, surface like Asphalted/Bituminous Road, Concrete Pavement, Agra & Kota Stones, Tiles (Chequered/Interlocking etc.), Dry Brick Pavement as per the technical specifications attached in the tender after laying of pipeline for Built- Up surface as per the directions of EIC / Site Incharge. Scope includes supply of approved quality material, testing of materials by third party agencies (if required) as per technical specification / CPWD / IRC Standards, submission of the restoration reports. The NOC from local authorities (if required) will be as per direction of EIC/IGL control room Incharge. It includes cases, where excavation was carried out to repair the damaged section of pipeline/where the trench settles despite earlier restoration.

SERVICE TEXTS FOR ITEM 70

Disconnection, Loading, Transportation, of wall mounted MRS from IGL's designated site to another site and all others necessary documentation. Also includes unloading of the systems, storage of system (wherever required), replacement of meter/regulator (wherever required), Re-installation of MRS at IGL's designated site, as required by the site conditions.

SERVICE TEXTS FOR ITEM 80

Attend/Repair works for Emergency leakages for MDPE Network upto 32 mm dia

SERVICE TEXTS FOR ITEM 90

Attend/Repair works for Emergency leakages for MDPE Network 63 mm dia.

SERVICE TEXTS FOR ITEM 100

Scope of work includes mobilization and deputation of manpower, supervisor, machine, DG Set for power supply, tools & tackles, PPEs, Safety equipments etc to attend and repair the MDPE network leakages work with the given stipulated time. Execution of work includes excavation of the pits, dewatering, cutting of HDPE Casing, jointing, flushing, testing the network after repair, purging(wherever required),commissioning, backfilling, compaction, reinstatement of pit/road to its original state.It covers the receiving,handling,loading-unloading and transportation of free-issue material from IGL stores,control rooms or the contractor's store to the site for repairing the damaged/leaked section of the gas pipeline. Arrangement of machineries like JCB for excavation, tractor-mounted air compressor, dewatering pump, and RCC Breaker are in contractor scope.The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 110



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Modification/Installation-DIAPHRAGM/THERMAL meter in existing MRS
It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 120

MOD/INST-RPD MTR IN EXISTING SKIDS

SERVICE TEXTS FOR ITEM 130

MODIFICATIONS & INSTALLATION OF 300 MBAR REGULATOR

SERVICE TEXTS FOR ITEM 140

MODIFICATIONS & INSTALLATION OF 500 MAR REGULATOR

SERVICE TEXTS FOR ITEM 150

MODIFICATIONS & INSTALLATION OF 2 BAR REGULATOR

SERVICE TEXTS FOR ITEM 160

Dismantling/Shifting of I&C cages/cabinets
It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 170

Painting - GI pipes, MRS/FRS: Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of



the EIC. (Painting - GI pipes- 3/4")

SERVICE TEXTS FOR ITEM 180

Painting - GI pipes - 1"

SERVICE TEXTS FOR ITEM 190

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 200

Painting - FRS/MRS Skid (All types)

SERVICE TEXTS FOR ITEM 210

Painting of I&C wall mounted MRS

Painting of manhole cover/ wall mounted MRS/cages/cabinet/above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial/Industrial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Rates are inclusive of Painting of Emergency numbers on Manhole cover & Cabinet/cages (if required). Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC.

SERVICE TEXTS FOR ITEM 220

24. Pneumatic Testing of commissioned GI Riser at 2.0 bar dismantling and re-installation of regulators of all sizes & domestic meters with replacement of damaged pipe, valves & fittings as per specifications. Procurement of GI pipe, fittings & Clamps will be in scope of contractor. Regulator & valves will be provided by IGL as a free issue item. It also includes proper coordination and communication with residents/Users to conduct shut down on riser. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC. Tightening & Replacement of existing damaged clamps with new ones for GI installations. It also includes installing new clamps wherever required as per directions of IGL Control room In charge. The rate includes procurement, inspection, and transportation to site.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 230

Supply and service for replacement/installation of PVC clamp for copper

SERVICE TEXTS FOR ITEM 240

Supply and service of replacement/installation of clamps for $\frac{3}{4}$ " / $\frac{1}{2}$ " GI pipes

SERVICE TEXTS FOR ITEM 250

Supply and service of replacement/installation of clamps for 1" & above GI pipes

SERVICE TEXTS FOR ITEM 260

Supply - For Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 270

Service- Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 280

SERVICE - Installation OF Meter Clamps

SERVICE TEXTS FOR ITEM 290

Replacement of Meter Regulator - 100mbar to 21 mbar (if tampered/ external damaged)

SERVICE TEXTS FOR ITEM 300

Supply of Meter stickers

SERVICE TEXTS FOR ITEM 310

Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC.

SERVICE TEXTS FOR ITEM 320

Scope of work includes mobilization and deputation of manpower, machine, DG Set for power supply, tools, tackles, PPE's, Safety equipments, etc to attend and repair the Riser/GI leakages work at height. Execution of work includes cutting, bevelling



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

and edge preparation, threading, grinding the edges of pipes, fittings, etc. including Non-destructive testing (wherever applicable), testing of pipes and fittings after repair, commissioning. It covers the receiving, handling, loading-unloading, and transportation of free-issue material from IGL stores, control rooms or the contractor's store to the site for repairing the damaged/leaked riser or GI/CS pipeline. Arrangement of PPEs like ascender/descender, helmets, safety harness belts are in contractor scope. The contractor will ensure to follow work permit system and safety norms with proper permit approvals from client. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 330

"Scope of work includes all civil activities such as supplying manpower, materials, pit excavation, repair and/or modification of existing valve chambers, including RCC and brick type. The work involves increasing or decreasing the height of the valve chambers, as well as modifying their size to accommodate changes in piping or other system requirements including excavating around the valve chambers. Supply of Class A brick, sand, coarse sand, cement, water, RCC along with plaster, shuttering and supporting material, demolition, increasing of height of chamber as per site requirement and provision of mason are in the scope of contractor. All work shall be done in accordance with relevant codes, standards, and approved drawings provided by client. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims."

SERVICE TEXTS FOR ITEM 340

"Scope of work includes the installation of a ring on an existing valve chamber, ensuring structural strength and proper alignment. It includes site assessment to evaluate the chamber's condition and barricading the work area. The ring is then positioned and fastened in place, ensuring a secure fit and effective sealing. The work also includes all civil activities such as supplying manpower, materials, pit excavation, dismantling of existing ring structure (if any), preparing the surface, placing new ring and jointing with Plain Cement Concrete (PCC), finishing, and cleaning up the site. Finally, the scope ensures full restoration of the site in accordance with the technical specifications and the guidance of the EIC. All rates provided are inclusive of the above-mentioned tasks, as well as any liaisoning and coordination with relevant authorities and agencies. Scope includes providing manpower, transportation of material with all tools & all consumable required for the completion of attend/repair works. The contractor is responsible for all liaisoning with statutory authorities, utility agencies, and managing third-party claims if needed."

SERVICE TEXTS FOR ITEM 350

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with



insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

scope also includes installation of PE valve in valve chamber with required squeezing of on line Gas network , cutting,cleaning,electrofusion jointing,testing and commissioning of gas network. The rate includes liaisoning with statutory bodies and no separate rates are payable

SERVICE TEXTS FOR ITEM 360

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

scope also includes installation of PE valve in valve chamber with required squeezing of on line Gas network , cutting,cleaning,electrofusion jointing,testing and commissioning of gas network. The rate includes liaisoning with statutory bodies and no separate rates are payable.

SERVICE TEXTS FOR ITEM 370

Scope of work includes the supply, transportation, manpower, and filling of clean, dry sand into the chambers. The work includes clearing the valve chamber of debris, ensuring proper sand quality, and filling the chamber to the required depth in layers, with each layer compacted to prevent settling. After filling, the site will be cleaned of any excess material. The work will be performed in compliance with safety standards, with proper protective equipment provided for all personnel. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 380

Scope includes supplying manpower, transportation, dewatering pump, mud/slurry-pump and all necessary tools, tackles, equipments required for cleaning within the time frame specified in the tender document. Contractor will ensure to safety work practices, proper barricading of site, availability of PPEs before commencement of work. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 390

Scope of work includes removing all debris, dirt and foreign materials around the manhole cover to ensure smooth opening and closing for valve operation. The rate encompasses cleaning of manhole using appropriate tools, removal of any buildup around hinges or seals to ensure proper functioning, transportation, manpower and painting of manhole cover(including demarcation of emergency numbers). After cleaning, all waste and debris will be properly disposed of, and the site will be left clean and



safe. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 400

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 410

Reinstallation of Pole Markers as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, restoration of area to original condition and performing all works as per drawings, specification, and instruction of Engineer-in-Charge. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 420

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 430

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 440

Supply and Installation /reinstallation plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including cleaning, supply and application of approved colour 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room in charge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc. It includes immediate replacement of old marker with new marker and refurbishment of old marker for further use.

SERVICE TEXTS FOR ITEM 450

Cleaning, supply and application of approved colour and quality of primer and paint, stencilling as per instruction of Engineer-in-Charge. The rate also includes liaisoning with statutory bodies etc. The scope is for all types of markers up to 10 Digits/ Characters on individual markers. Contractor will provide a list of stencilling of markers to control room in charge and get their approval before start of work. In case of exceeding 10 digits/ characters on individual markers, payment shall be done on multiples of this SOR.

SERVICE TEXTS FOR ITEM 460

Supply and Installation of SR Cabinet

"Supply and installation of Service Regulator cover including fabrication, 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.

SERVICE TEXTS FOR ITEM 470

The scope covers the preparation of the foundation work for the service regulator, in accordance with the technical specifications provided by the client. The rate shall include the cost of all labor, tools, tackles, equipment, hire charges, supply of all materials, shuttering, and earthwork for excavation and backfilling.

SERVICE TEXTS FOR ITEM 480

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and



commissioning of both GI and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. The contractor is also tasked with all liaisoning and coordination with statutory authorities, utility agencies, and managing third-party claims if necessary. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities and agencies.

SERVICE TEXTS FOR ITEM 490

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary, along with dismantling the service regulator and shutting down the gas supply. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI/CS and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal, foundation, and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities, agencies, and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 500

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 510

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Squeezing of MDPE pipe near to Transition fittings ,dismantle of regulator,shutdown the riser /individual connections,insertion of GI pipe, sealing



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required and no separate rates are payable.

SERVICE TEXTS FOR ITEM 520

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Squeezing of MDPE pipe near to Transition fittings ,dismantle of regulator, shutdown the riser /individual connections,insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required and no separate rates are payable.

SERVICE TEXTS FOR ITEM 530

Supply and installation of RCC Crush Guard

SERVICE TEXTS FOR ITEM 540

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC. The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 550

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC. The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 560

Pedestal for Nallah Crossing (Width <1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 570



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Pedestal for Nallah Crossing (Width >1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 580

"Supplying, transporting, storing, fabricating in position and testing/examining bolted and/or welded STRUCTURAL STEEL WORKS at all levels and locations including all built-up sections/compound sections made out of rolled sections and/or plates/bent plates in trusses, purlins, wind ties, wind girders, columns, portals, racks, Dispenser, Crash Guard etc., frameworks, crane gantries, surge girders, bracings, floor beams, lifting beams, monorails, platforms, staircases (excluding chequered plates and gratings), ladders, stoppers, brackets, side runners, sagrods, supports for equipment and technological accessories and process piping, hand railings, posts, conveyor galleries, trestles, towers, masts, junction houses etc., cutting to required size, straightening/bending if required, edge preparation, cleaning, preheating, bolting/welding of joints, (including sealing the joints of box sections with continuous welding), finishing edges by grinding, fixing in line and level with temporary staging & bracing and removal of the same after erection, grouting with Ordinary Grout or premix free flow Nonshrink Grout as specified, including preparation and submission of detailed fabrication drawings. It also includes supplying and applying Paint (minimum 2 coats) of approved quality and shade suitable for normal corrosive environment including touching up of shop primer coat as per specification, providing temporary staging, scaffolding, testing etc., for steel structures at all levels and locations."

SERVICE TEXTS FOR ITEM 590

Foundation works: Providing and Laying Plain Cement Concrete (1:2:4) Providing, Fixing, Centering, Shuttering and laying of cement concrete with concrete of nominal mix 1:2:4 by mass (1 cement: 2 coarse sand: 4 coarse stone/ aggregates/ gravels) with 20 mm down size graded crushed stone aggregates/ gravels as specified in specifications and satisfaction to the EIC.

SERVICE TEXTS FOR ITEM 600

Supply and placing in position high strength deformed steel bars reinforcement (conforming to IS: 1786, Grade Fe 415) for RCC work including transporting, straightening, cleaning, de-coiling, cutting & binding to required shapes and length as per details, binding with contractor's own 16 SWG black soft annealed binding wire at every intersection, supplying and placing with proper cover blocks,



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

supports, chairs, overlaps, welding, spacers, fan hooks etc. for all heights and depths etc. complete the work as directed.

SERVICE TEXTS FOR ITEM 610

Foundation works: Providing and Laying Reinforced Cement Concrete (M-25) Providing and laying REINFORCED CEMENT CONCRETE OF M-25 Grade (Concrete shall be design mix) with 20mm & down size graded crushed stone aggregates/ gravel in NON SUSPENDED slabs/pavement slabs including pedestals, ramps etc. leaving pockets, laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough or smooth as required and directed, providing pockets/openings, recesses, chamfering etc. wherever required, vibrating, tamping, curing, and rendering smooth if required in any position, shape, level and thickness etc. all complete as specified, shown and directed. The rates includes supply of material, reinforcement, shuttering, steel all complete.

SERVICE TEXTS FOR ITEM 620

Supply of Pressure Gauge of Range 0-1 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 630

Supply of Pressure Gauge of Range 0-4 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 640

Supply of Differential Pressure Gauge of Range 0-2 BAR - 4"/6"- DIAL SIZE with required fittings

SERVICE TEXTS FOR ITEM 650

Supply of Pressure Gauge of Range 0-6 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 660

Installation of Pressure Gauge at IGL site

SERVICE TEXTS FOR ITEM 670

Supply - Brass Adaptor (Size 1/4" x 12mm)

SERVICE TEXTS FOR ITEM 680

Supply of Brass Adaptor (Size 1/2" x 12mm)

Assessment of material requirement for installation at site, Order placement for purchasing Brass fittings from anyone of approved vendors of IGL, Scheduling, planning of material & Forwarding inspection call, Dispatch clearance, handling, loading, transportation and unloading of these at respective contractor's store. Proper storing, stacking, identification, providing security and insurance cover.



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Preparation and approval of sketches for modification, schedules & execution procedures and all others necessary documentation.

SERVICE TEXTS FOR ITEM 690

Supply of Brass Union Connector-1/2"

SERVICE TEXTS FOR ITEM 700

Supply of Brass Union Connector-3/4"

SERVICE TEXTS FOR ITEM 710

Supply of Brass Union Disconnector-1/2"

SERVICE TEXTS FOR ITEM 720

Supply of Brass Union Disconnector-3/4"

SERVICE TEXTS FOR ITEM 730

Supply of G.I Fittings 1/2" of all types

SERVICE TEXTS FOR ITEM 740

Supply of G.I Fittings 3/4" of all types



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 750

Supply of G.I Fittings 1" of all types

SERVICE TEXTS FOR ITEM 760

Supply of Reducer Fittings (1/2" & 3/4") of all types

SERVICE TEXTS FOR ITEM 770

Supply of new copper jumper of 1" width and 3 mm thick.

SERVICE TEXTS FOR ITEM 780

"It includes supply of padlocks with specifications: Minimum 03 ton pull load resistance, 12/14 pin computerised key (03nos.), Corrosion/Water Resistant, Hardened Shackle (Hackshaw Resistant), Brass Body, Rivet less body with polished Finish, Automatic Locking Technology, Double side locking for double protection or Two-point locking shackle, Key Hole preferably in the bottom of the lock body., Body Shape- Round/Rectangle.

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE TEXTS FOR ITEM 790

It includes printing/supply of log books with Hard cover binding, 100 Leaves, size A3, A4, legal 13x8, single colour printing, white/pink/yellow/blank paper, 75 GSM Paper, Single or double side printing. Print Format to be provided by IGL. SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms.

SERVICE TEXTS FOR ITEM 800

"Cautionary Signage Board of area upto 6sq. ft. (varying sizes as per requirement) with following technical specifications:

Printing: Eco Digital Printing on Vinyl (120 mic. Wyte/ Avery)

Lamination: 80 microns (Wyte)

Sun Board: 3 mm thickness Sun board and self-adhesive option on backside

Durability: 3-4 years (Depending upon the weather condition)

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE DETAILS FOR ITEM 00060 - MDPE/Cu/GI-Gr. Noida-O

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1009416 | HIRING-RCC BREAKERS | LMP | 2,094.79 |
| 20 | 1009414 | HIRING-TRACTOR MOUNTED AIR COMP | LMP | 1,650.60 |
| 30 | 1011972 | HIRING OF JCB M/C FOR 4 HOURS | LMP | 3,593.50 |
| 40 | 1009415 | HIRING-DE-WATERING PUMP | LMP | 2,874.80 |
| 50 | 1020259 | HIRING OF WELDER FOR 08 HOURS | NO | 2,012.36 |
| 60 | 1007137 | RESTORATION-PITS/ TRENCHES | M3 | 2,389.89 |
| 70 | 1009364 | SHIFTING-WALL MOUNTED MRS | LMP | 5,476.24 |
| 80 | 1011927 | ATTEND/REPAIR-EMER LEAK MDPE UPTO 32 MM | NO | 4,783.90 |
| 90 | 1011928 | ATTEND/REPAIR -EMER LEAK MDPE 63 MM | NO | 5,806.49 |
| 100 | 1020288 | ATTEND/REPAIR -EMER LEAK MDPE 125/180 MM | NO | 16,031.70 |
| 110 | 1017352 | MODI./INST.-DIA./THERMAL METER IN MRS | NO | 2,958.08 |
| 120 | 1012154 | MOD/INST-RPD MTR IN EXISTING SKIDS | NO | 3,820.75 |
| 130 | 1012156 | MOD/INST-REG 300MBAR IN EXISTING SKIDS | NO | 3,820.75 |
| 140 | 1012157 | MOD/INST-REG 500MBAR IN EXISTING SKIDS | NO | 1,849.11 |
| 150 | 1012158 | MOD/INST-REG 2BAR IN EXISTING SKIDS | NO | 1,972.26 |
| 160 | 1017353 | DISM./SHIFTING OF I&C CAGES/CABINETS | NO | 1,409.19 |
| 170 | 1006290 | PAINTING - GI PIPES 3/4" | M | 18.38 |
| 180 | 1012012 | PAINTING OF GI PIPE 1" | M | 24.51 |
| 190 | 1020282 | PAINTING OF SR CABINET | NO | 6,468.30 |
| 200 | 1012014 | PAINTING OF FRS/MRS SKID (ALL TYPES) | NO | 3,065.91 |
| 210 | 1017354 | PAINTING OF I&C WALL MOUNTED MRS | NO | 1,653.66 |
| 220 | 1009437 | RISER TESTING (REG TO MIV) ALL SIZES | M | 22.06 |
| 230 | 1012032 | SUPP/SER-REPL/INSTALL PVC CLAMP FOR CU | NO | 11.33 |
| 240 | 1012033 | SUPP/SER-REPL/INSTL CLAMPS 3/4" / 1/2 #GI PIPE | NO | 32.78 |
| 250 | 1012034 | SUPP/SER-REPL/INSTAL CLAMP1#&ABV GI PIPE | NO | 51.26 |
| 260 | 1012017 | SUPPLY CU PIPE&BRASS FIT (FOR ANAC.REPL) | NO | 310.51 |
| 270 | 1012018 | SERVICE-REPL EXIS ANAC WTH CU PIPE&BRASS | NO | 224.86 |
| 280 | 1012016 | INSTALLATION OF METER CLAMPS | NO | 58.21 |
| 290 | 1012022 | REPL OF METER REGUL - 100MBAR TO 21 MBAR | NO | 239.56 |
| 300 | 1017362 | SUPPLY OF METER STICKERS | NO | 1.79 |
| 310 | 1020297 | PAINTING - GI PIPES UPTO 3/4" | M | 72.26 |
| 320 | 1020267 | ATTEND & REPAIR RISER LEAKAGE | NO | 1,078.05 |
| 330 | 1020270 | VC HEIGHT MODIFICATION/REPAIR | M3 | 8,014.01 |
| 340 | 1020271 | RING INSTALLATION ON EXISTING VC | NO | 4,887.16 |
| 350 | 1007207 | FAB FRESH TOP RCC SLAB WITH MANHOLE | NO | 8,624.40 |
| 360 | 1007208 | PROVD MANHOLE COVER -VALVE CHAMBER | NO | 1,342.75 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 370 | 1020274 | SAND FILLING IN VALVE CHAMBER | M3 | 1,271.24 |
| 380 | 1020275 | VC- CLEANING OF MALBA/WATER/MUD SLURRY | NO | 1,293.66 |
| 390 | 1020276 | PAINTING OF VC MANHOLE COVER | NO | 72.26 |
| 400 | 1007212 | REINSTALL UPROOTED ROUTE MARKER | NO | 363.94 |
| 410 | 1020278 | RE- INSTALLATION OF POLE MARKER | NO | 539.03 |
| 420 | 1007210 | PAINTING OF RCC MARKER OF ALL SIZE | NO | 153.79 |
| 430 | 1007211 | PAINTING OF POLE MARKER OF ALL SIZE | NO | 323.50 |
| 440 | 1009440 | REFURBISH EXISTING PLATE MARKERS | NO | 150.73 |
| 450 | 1009441 | PAINTING & STENCILLING OF MARKERS | NO | 49.02 |
| 460 | 1014021 | SUPPLY & INSTALLATION OF SR CABINET | NO | 2,255.80 |
| 470 | 1020279 | FOUNDATION WORK FOR SR | NO | 4,057.86 |
| 480 | 1020280 | NEW SR INSTALL WITH FOUNDATION & CABINET | NO | 11,593.36 |
| 490 | 1020281 | UPLIFTING & SHIFTING OF SR (UTPO 3 MTR.) | NO | 8,265.05 |
| 500 | 1020282 | PAINTING OF SR CABINET | NO | 539.03 |
| 510 | 1007198 | SUP & INSTALL RCC HALF ROUND +PEDESTAL | NO | 295.61 |
| 520 | 1007199 | SUP & INSTAL GI SLVE, 2.5"/3" NB, 1"+PEDS | NO | 377.26 |
| 530 | 1012024 | SUPPLY AND INSTALL OF RCC CRUSH GUARD | NO | 627.58 |
| 540 | 1007200 | CONSTRUCTION OF PEDESTAL | NO | 213.83 |
| 550 | 1007201 | SAND FILLING IN ALL TYPE OF SLEEVES | NO | 25.63 |
| 560 | 1014022 | PEDESTAL FOR NALLAH XING (WT <1M) | NO | 3,171.82 |
| 570 | 1014043 | PEDESTAL FOR NALLAH XING (WT >1M) | NO | 4,581.32 |
| 580 | 1020283 | STRUCTURAL STEEL WORKS | KG | 82.10 |
| 590 | 1007177 | PROV/ LAY PLAIN CEMENT CONCRT (1:2:4) | M3 | 4,790.64 |
| 600 | 1009380 | FOUNDATION WORK STEEL BAR REINFORCEMENT | KG | 60.85 |
| 610 | 1007179 | PROV/ LAY REINF CEMENT CONCRT (M25) | M3 | 6,072.05 |
| 620 | 1012041 | SUPPLY OF PG 0-1 BAR - 4"- DIAL | NO | 719.45 |
| 630 | 1012042 | SUPPLY OF PG 0-4 BAR - 4"- DIAL | NO | 1,541.45 |
| 640 | 1020298 | SUPPLY DP GAUGE 0-2 BAR | NO | 1,541.45 |
| 650 | 1012043 | SUPPLY OF PG 0-6 BAR - 4"- DIAL | NO | 2,089.44 |
| 660 | 1020299 | INSTALLATION OF PRESSURE GAUGE | NO | 199.74 |
| 670 | 1012020 | SUPPLY - BRASS ADAPTOR (SIZE 1/4"X12MM) | NO | 183.64 |
| 680 | 1014049 | SPLY BRASS ADAPTOR (SIZE 1/2"X12MM) | NO | 133.81 |
| 690 | 1017363 | SUP. BRASS UNION CONNECTOR-1/2" | NO | 140.18 |
| 700 | 1017364 | SUP. BRASS UNION CONNECTOR-3/4" | NO | 145.40 |
| 710 | 1017365 | SUP. BRASS UNION DISCONNECTOR-1/2" | NO | 139.03 |
| 720 | 1017366 | SUP. BRASS UNION DISCONNECTOR-3/4" | NO | 144.24 |
| 730 | 1017368 | SUP. G.I FITTINGS 1/2" OF ALL TYPES | NO | 42.86 |
| 740 | 1017369 | SUP. G.I FITTINGS 3/4" OF ALL TYPES | NO | 52.13 |
| 750 | 1017370 | SUP. G.I FITTINGS 1" OF ALL TYPES | NO | 64.30 |
| 760 | 1017371 | SUP. REDUCER FITTINGS (1/2" & 3/4") ALL | NO | 47.50 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 770 | 1012040 | SUPPLY OF NEW COPPER JUMPER | NO | 130.34 |
| 780 | 1020284 | SUPPLY OF LOCK (GODREJ MAKE- COMP. KEY) | NO | 795.07 |
| 790 | 1020285 | PRINT AND SUPPLY LOG BOOKS (100 PAGES) | NO | 191.28 |
| 800 | 1020286 | PRINT CAUTION BOARD SIGNAGES | FT2 | 51.23 |

SERVICE TEXTS FOR ITEM 10

Providing RCC Breaker machines with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of RCC Breaker Compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by RCC Breaker m/c.

SERVICE TEXTS FOR ITEM 20

Providing tractor mounted air compressor with fuel, driver/operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of tractor mounted air compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by tractor mounted air compressor.

SERVICE TEXTS FOR ITEM 30

Hiring of JCB M/c for 4 hours

SERVICE TEXTS FOR ITEM 40

Providing De-watering pump with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of De-watering pump shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by De-watering pump.

SERVICE TEXTS FOR ITEM 50

Scope includes supplying a Welding machine along with power source/fuel, a operator with helper, transportation, and all necessary tools, tackles, and consumables required within the time frame specified in the tender document. Payment for the deployment of the Welder will be made for a minimum of 8 hours. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 60

Restoration of trenches & pits excavated for repairing of damaged or for



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

rerouting/modifications of laid/existing MDPE pipeline to original conditions, surface like Asphalted/Bituminous Road, Concrete Pavement, Agra & Kota Stones, Tiles (Chequered/Interlocking etc.), Dry Brick Pavement as per the technical specifications attached in the tender after laying of pipeline for Built- Up surface as per the directions of EIC / Site Incharge. Scope includes supply of approved quality material, testing of materials by third party agencies (if required) as per technical specification / CPWD / IRC Standards, submission of the restoration reports. The NOC from local authorities (if required) will be as per direction of EIC/IGL control room Incharge. It includes cases, where excavation was carried out to repair the damaged section of pipeline/where the trench settles despite earlier restoration.

SERVICE TEXTS FOR ITEM 70

Disconnection, Loading, Transportation, of wall mounted MRS from IGL's designated site to another site and all others necessary documentation. Also includes unloading of the systems, storage of system (wherever required), replacement of meter/regulator (wherever required), Re-installation of MRS at IGL's designated site, as required by the site conditions.

SERVICE TEXTS FOR ITEM 80

Attend/Repair works for Emergency leakages for MDPE Network upto 32 mm dia

SERVICE TEXTS FOR ITEM 90

Attend/Repair works for Emergency leakages for MDPE Network 63 mm dia.

SERVICE TEXTS FOR ITEM 100

Scope of work includes mobilization and deputation of manpower, supervisor, machine, DG Set for power supply, tools & tackles, PPEs, Safety equipments etc to attend and repair the MDPE network leakages work with the given stipulated time. Execution of work includes excavation of the pits, dewatering, cutting of HDPE Casing, jointing, flushing, testing the network after repair, purging (wherever required), commissioning, backfilling, compaction, reinstatement of pit/road to its original state. It covers the receiving, handling, loading-unloading and transportation of free-issue material from IGL stores, control rooms or the contractor's store to the site for repairing the damaged/leaked section of the gas pipeline. Arrangement of machineries like JCB for excavation, tractor-mounted air compressor, dewatering pump, and RCC Breaker are in contractor scope. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 110

Modification/Installation-DIAPHRAGM/THERMAL meter in existing MRS
It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 120

MOD/INST-RPD MTR IN EXISTING SKIDS

SERVICE TEXTS FOR ITEM 130

MODIFICATIONS & INSTALLATION OF 300 MBAR REGULATOR

SERVICE TEXTS FOR ITEM 140

MODIFICATIONS & INSTALLATION OF 500 MAR REGULATOR

SERVICE TEXTS FOR ITEM 150

MODIFICATIONS & INSTALLATION OF 2 BAR REGULATOR

SERVICE TEXTS FOR ITEM 160

Dismantling/Shifting of I&C cages/cabinets

It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 170

Painting - GI pipes, MRS/FRS: Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC. (Painting - GI pipes- 3/4")

SERVICE TEXTS FOR ITEM 180



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Painting - GI pipes - 1"

SERVICE TEXTS FOR ITEM 190

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 200

Painting - FRS/MRS Skid (All types)

SERVICE TEXTS FOR ITEM 210

Painting of I&C wall mounted MRS

Painting of manhole cover/ wall mounted MRS/cages/cabinet/above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial/Industrial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Rates are inclusive of Painting of Emergency numbers on Manhole cover & Cabinet/cages (if required). Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC.

SERVICE TEXTS FOR ITEM 220

24. Pneumatic Testing of commissioned GI Riser at 2.0 bar dismantling and re-installation of regulators of all sizes & domestic meters with replacement of damaged pipe, valves & fittings as per specifications. Procurement of GI pipe, fittings & Clamps will be in scope of contractor. Regulator & valves will be provided by IGL as a free issue item. It also includes proper coordination and communication with residents/Users to conduct shut down on riser. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC. Tightening & Replacement of existing damaged clamps with new ones for GI installations. It also includes installing new clamps wherever required as per directions of IGL Control room In charge. The rate includes procurement, inspection, and transportation to site.

SERVICE TEXTS FOR ITEM 230

Supply and service for replacement/installation of PVC clamp for copper

SERVICE TEXTS FOR ITEM 240



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Supply and service of replacement/installation of clamps for $\frac{3}{4}$ " / $\frac{1}{2}$ " GI pipes

SERVICE TEXTS FOR ITEM 250

Supply and service of replacement/installation of clamps for 1" & above GI pipes

SERVICE TEXTS FOR ITEM 260

Supply - For Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 270

Service- Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 280

SERVICE - Installation OF Meter Clamps

SERVICE TEXTS FOR ITEM 290

Replacement of Meter Regulator - 100mbar to 21 mbar (if tampered/ external damaged)

SERVICE TEXTS FOR ITEM 300

Supply of Meter stickers

SERVICE TEXTS FOR ITEM 310

Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC.

SERVICE TEXTS FOR ITEM 320

Scope of work includes mobilization and deputation of manpower, machine, DG Set for power supply, tools, tackles, PPE's, Safety equipments, etc to attend and repair the Riser/GI leakages work at height. Execution of work includes cutting, bevelling and edge preparation, threading, grinding the edges of pipes, fittings, etc. including Non-destructive testing (wherever applicable), testing of pipes and fittings after repair, commissioning. It covers the receiving, handling, loading-unloading, and transportation of free-issue material from IGL stores, control rooms or the contractor's store to the site for repairing the damaged/leaked riser or GI/CS pipeline. Arrangement of PPEs like



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

ascender/descender, helmets, safety harness belts are in contractor scope. The contractor will ensure to follow work permit system and safety norms with proper permit approvals from client. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 330

"Scope of work includes all civil activities such as supplying manpower, materials, pit excavation, repair and/or modification of existing valve chambers, including RCC and brick type. The work involves increasing or decreasing the height of the valve chambers, as well as modifying their size to accommodate changes in piping or other system requirements including excavating around the valve chambers. Supply of Class A brick, sand, coarse sand, cement, water, RCC along with plaster, shuttering and supporting material, demolition, increasing of height of chamber as per site requirement and provision of mason are in the scope of contractor. All work shall be done in accordance with relevant codes, standards, and approved drawings provided by client. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims."

SERVICE TEXTS FOR ITEM 340

"Scope of work includes the installation of a ring on an existing valve chamber, ensuring structural strength and proper alignment. It includes site assessment to evaluate the chamber's condition and barricading the work area. The ring is then positioned and fastened in place, ensuring a secure fit and effective sealing. The work also includes all civil activities such as supplying manpower, materials, pit excavation, dismantling of existing ring structure (if any), preparing the surface, placing new ring and jointing with Plain Cement Concrete (PCC), finishing, and cleaning up the site. Finally, the scope ensures full restoration of the site in accordance with the technical specifications and the guidance of the EIC. All rates provided are inclusive of the above-mentioned tasks, as well as any liaisoning and coordination with relevant authorities and agencies. Scope includes providing manpower, transportation of material with all tools & all consumable required for the completion of attend/repair works. The contractor is responsible for all liaisoning with statutory authorities, utility agencies, and managing third-party claims if needed."

SERVICE TEXTS FOR ITEM 350

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

Scope also includes installation of PE valve in valve chamber with required squeezing of on line Gas network, cutting, cleaning, electrofusion jointing, testing and commissioning of gas network. The rate includes liaisoning with statutory bodies



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

and no separate rates are payable

SERVICE TEXTS FOR ITEM 360

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

Scope also includes installation of PE valve in valve chamber with required squeezing of on line Gas network, cutting, cleaning, electrofusion jointing, testing and commissioning of gas network. The rate includes liaisoning with statutory bodies and no separate rates are payable.

SERVICE TEXTS FOR ITEM 370

Scope of work includes the supply, transportation, manpower, and filling of clean, dry sand into the chambers. The work includes clearing the valve chamber of debris, ensuring proper sand quality, and filling the chamber to the required depth in layers, with each layer compacted to prevent settling. After filling, the site will be cleaned of any excess material. The work will be performed in compliance with safety standards, with proper protective equipment provided for all personnel. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 380

Scope includes supplying manpower, transportation, dewatering pump, mud/slurry-pump and all necessary tools, tackles, equipments required for cleaning within the time frame specified in the tender document. Contractor will ensure safety work practices, proper barricading of site, availability of PPEs before commencement of work. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 390

Scope of work includes removing all debris, dirt and foreign materials around the manhole cover to ensure smooth opening and closing for valve operation. The rate encompasses cleaning of manhole using appropriate tools, removal of any buildup around hinges or seals to ensure proper functioning, transportation, manpower and painting of manhole cover (including demarcation of emergency numbers). After cleaning, all waste and debris will be properly disposed of, and the site will be left clean and safe. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 400

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate



marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 410

Reinstallation of Pole Markers as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, restoration of area to original condition and performing all works as per drawings, specification, and instruction of Engineer-in-Charge. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 420

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 430

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 440

Supply and Installation /reinstallation plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including cleaning, supply and application of approved colour and quality of primer and paint, stencil letter



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

cutting of numbers, direction, chainage etc., restoration of area to original condition and performing all works as per drawings, specification and instruction of Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room in charge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc. It includes immediate replacement of old marker with new marker and refurbishment of old marker for further use.

SERVICE TEXTS FOR ITEM 450

Cleaning, supply and application of approved colour and quality of primer and paint, stencilling as per instruction of Engineer-in-Charge. The rate also includes liaisoning with statutory bodies etc. The scope is for all types of markers up to 10 Digits/ Characters on individual markers. Contractor will provide a list of stencilling of markers to control room in charge and get their approval before start of work. In case of exceeding 10 digits/ characters on individual markers, payment shall be done on multiples of this SOR.

SERVICE TEXTS FOR ITEM 460

Supply and Installation of SR Cabinet

"Supply and installation of Service Regulator cover including fabrication, 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.

SERVICE TEXTS FOR ITEM 470

The scope covers the preparation of the foundation work for the service regulator, in accordance with the technical specifications provided by the client. The rate shall include the cost of all labor, tools, tackles, equipment, hire charges, supply of all materials, shuttering, and earthwork for excavation and backfilling.

SERVICE TEXTS FOR ITEM 480

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. The contractor is also tasked with all liaisoning and



coordination with statutory authorities, utility agencies, and managing third-party claims if necessary. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities and agencies.

SERVICE TEXTS FOR ITEM 490

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary, along with dismantling the service regulator and shutting down the gas supply. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI/CS and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal, foundation, and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities, agencies, and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 500

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 510

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Squeezing of MDPE pipe near to Transition fittings ,dismantle of regulator,shutdown the riser /individual connections,insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required and no separate rates are payable.

SERVICE TEXTS FOR ITEM 520



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Sqeezing of MDPE pipe near to Transition fittings ,dismantle of regulator,shutdown the riser /individual connections,insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required and no seperate rates are payable.

SERVICE TEXTS FOR ITEM 530

Supply and installation of RCC Crush Guard

SERVICE TEXTS FOR ITEM 540

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 550

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 560

Pedestal for Nallah Crossing (Width <1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 570

Pedestal for Nallah Crossing (Width >1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

& down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 580

"Supplying, transporting, storing, fabricating in position and testing/examining bolted and/or welded STRUCTURAL STEEL WORKS at all levels and locations including all built-up sections/compound sections made out of rolled sections and/or plates/bent plates in trusses, purlins, wind ties, wind girders, columns, portals, racks, Dispenser, Crash Guard etc., frameworks, crane gantries, surge girders, bracings, floor beams, lifting beams, monorails, platforms, staircases (excluding chequered plates and gratings), ladders, stoppers, brackets, side runners, sagrods, supports for equipment and technological accessories and process piping, hand railings, posts, conveyor galleries, trestles, towers, masts, junction houses etc., cutting to required size, straightening/bending if required, edge preparation, cleaning, preheating, bolting/welding of joints, (including sealing the joints of box sections with continuous welding), finishing edges by grinding, fixing in line and level with temporary staging & bracing and removal of the same after erection, grouting with Ordinary Grout or premix free flow Nonshrink Grout as specified, including preparation and submission of detailed fabrication drawings.

It also includes supplying and applying Paint (minimum 2 coats) of approved quality and shade suitable for normal corrosive environment including touching up of shop primer coat as per specification, providing temporary staging, scaffolding, testing etc., for steel structures at all levels and locations."

SERVICE TEXTS FOR ITEM 590

Foundation works: Providing and Laying Plain Cement Concrete (1:2:4)
Providing, Fixing, Centering, Shuttering and laying of cement concrete with concrete of nominal mix 1:2:4 by mass (1 cement: 2 coarse sand: 4 coarse stone/ aggregates/ gravels) with 20 mm down size graded crushed stone aggregates/ gravels as specified in specifications and satisfaction to the EIC.

SERVICE TEXTS FOR ITEM 600

Supply and placing in position high strength deformed steel bars reinforcement (conforming to IS: 1786, Grade Fe 415) for RCC work including transporting, straightening, cleaning, de-coiling, cutting & binding to required shapes and length as per details, binding with contractor's own 16 SWG black soft annealed binding wire at every intersection, supplying and placing with proper cover blocks, supports, chairs, overlaps, welding, spacers, fan hooks etc. for all heights and depths etc. complete the work as directed.

SERVICE TEXTS FOR ITEM 610

Foundation works: Providing and Laying Reinforced Cement Concrete (M-25)



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Providing and laying REINFORCED CEMENT CONCRETE OF M-25 Grade (Concrete shall be design mix) with 20mm & down size graded crushed stone aggregates/ gravel in NON SUSPENDED slabs/pavement slabs including pedestals, ramps etc. leaving pockets, laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough or smooth as required and directed, providing pockets/openings, recesses, chamfering etc. wherever required, vibrating, tamping, curing, and rendering smooth if required in any position, shape, level and thickness etc. all complete as specified, shown and directed. The rates includes supply of material, reinforcement, shuttering, steel all complete.

SERVICE TEXTS FOR ITEM 620

Supply of Pressure Gauge of Range 0-1 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 630

Supply of Pressure Gauge of Range 0-4 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 640

Supply of Differential Pressure Gauge of Range 0-2 BAR - 4"/6"- DIAL SIZE with required fittings

SERVICE TEXTS FOR ITEM 650

Supply of Pressure Gauge of Range 0-6 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 660

Installation of Pressure Gauge at IGL site

SERVICE TEXTS FOR ITEM 670

Supply - Brass Adaptor (Size 1/4" x 12mm)

SERVICE TEXTS FOR ITEM 680

Supply of Brass Adaptor (Size 1/2" x 12mm)

Assessment of material requirement for installation at site, Order placement for purchasing Brass fittings from anyone of approved vendors of IGL, Scheduling, planning of material & Forwarding inspection call, Dispatch clearance, handling, loading, transportation and unloading of these at respective contractor's store. Proper storing, stacking, identification, providing security and insurance cover. Preparation and approval of sketches for modification, schedules & execution procedures and all others necessary documentation.

SERVICE TEXTS FOR ITEM 690

Supply of Brass Union Connector-1/2"



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 700

Supply of Brass Union Connector-3/4"

SERVICE TEXTS FOR ITEM 710

Supply of Brass Union Disconnector-1/2"

SERVICE TEXTS FOR ITEM 720

Supply of Brass Union Disconnector-3/4"

SERVICE TEXTS FOR ITEM 730

Supply of G.I Fittings 1/2" of all types

SERVICE TEXTS FOR ITEM 740

Supply of G.I Fittings 3/4" of all types

SERVICE TEXTS FOR ITEM 750

Supply of G.I Fittings 1" of all types



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 760

Supply of Reducer Fittings (1/2" & 3/4") of all types

SERVICE TEXTS FOR ITEM 770

Supply of new copper jumper of 1" width and 3 mm thick.

SERVICE TEXTS FOR ITEM 780

"It includes supply of padlocks with specifications: Minimum 03 ton pull load resistance, 12/14 pin computerised key (03nos.), Corrosion/Water Resistant, Hardened Shackle (Hackshaw Resistant), Brass Body, Rivet less body with polished Finish, Automatic Locking Technology, Double side locking for double protection or Two-point locking shackle, Key Hole preferably in the bottom of the lock body.,, Body Shape- Round/Rectangle.
SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE TEXTS FOR ITEM 790

It includes printing/supply of log books with Hard cover binding, 100 Leaves, size A3, A4, legal 13x8, single colour printing, white/pink/yellow/blank paper, 75 GSM Paper, Single or double side printing. Print Format to be provided by IGL. SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms.

SERVICE TEXTS FOR ITEM 800

"Cautionary Signage Board of area upto 6sq. ft. (varying sizes as per requirement) with following technical specifications:

Printing: Eco Digital Printing on Vinyl (120 mic. Wyte/ Avery)

Lamination: 80 microns (Wyte)

Sun Board: 3 mm thickness Sun board and self-adhesive option on backside

Durability: 3-4 years (Depending upon the weather condition)

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE DETAILS FOR ITEM 00070 - MDPE/Cu/GI-Noida-O

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---------------------|------|-----------|
|---------|------------|---------------------|------|-----------|



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1009416 | HIRING-RCC BREAKERS | LMP | 2,094.79 |
| 20 | 1009414 | HIRING-TRACTOR MOUNTED AIR COMP | LMP | 1,650.60 |
| 30 | 1011972 | HIRING OF JCB M/C FOR 4 HOURS | LMP | 3,593.50 |
| 40 | 1009415 | HIRING-DE-WATERING PUMP | LMP | 2,874.80 |
| 50 | 1020259 | HIRING OF WELDER FOR 08 HOURS | NO | 2,012.36 |
| 60 | 1007137 | RESTORATION-PITS/ TRENCHES | M3 | 2,389.89 |
| 70 | 1009364 | SHIFTING-WALL MOUNTED MRS | LMP | 5,476.24 |
| 80 | 1011927 | ATTEND/REPAIR-EMER LEAK MDPE UPTO 32 MM | NO | 4,783.90 |
| 90 | 1011928 | ATTEND/REPAIR -EMER LEAK MDPE 63 MM | NO | 5,806.49 |
| 100 | 1020288 | ATTEND/REPAIR -EMER LEAK MDPE 125/180 MM | NO | 16,031.70 |
| 110 | 1017352 | MODI./INST.-DIA./THERMAL METER IN MRS | NO | 2,958.08 |
| 120 | 1012154 | MOD/INST-RPD MTR IN EXISTING SKIDS | NO | 3,820.75 |
| 130 | 1012156 | MOD/INST-REG 300MBAR IN EXISTING SKIDS | NO | 3,820.75 |
| 140 | 1012157 | MOD/INST-REG 500MBAR IN EXISTING SKIDS | NO | 1,849.11 |
| 150 | 1012158 | MOD/INST-REG 2BAR IN EXISTING SKIDS | NO | 1,972.26 |
| 160 | 1017353 | DISM./SHIFTING OF I&C CAGES/CABINETS | NO | 1,409.19 |
| 170 | 1006290 | PAINTING - GI PIPES 3/4" | M | 18.38 |
| 180 | 1012012 | PAINTING OF GI PIPE 1" | M | 24.51 |
| 190 | 1020282 | PAINTING OF SR CABINET | NO | 6,468.30 |
| 200 | 1012014 | PAINTING OF FRS/MRS SKID (ALL TYPES) | NO | 3,065.91 |
| 210 | 1017354 | PAINTING OF I&C WALL MOUNTED MRS | NO | 1,653.66 |
| 220 | 1009437 | RISER TESTING (REG TO MIV) ALL SIZES | M | 22.06 |
| 230 | 1012032 | SUPP/SER-REPL/INSTALL PVC CLAMP FOR CU | NO | 11.33 |
| 240 | 1012033 | SUPP/SER-REPL/INSTL CLAMPS ¾" / ½ #GI PIPE | NO | 32.78 |
| 250 | 1012034 | SUPP/SER-REPL/INSTAL CLAMP1#&ABV GI PIPE | NO | 51.26 |
| 260 | 1012017 | SUPPLY CU PIPE&BRASS FIT (FOR ANAC.REPL) | NO | 310.51 |
| 270 | 1012018 | SERVICE-REPL EXIS ANAC WTH CU PIPE&BRASS | NO | 224.86 |
| 280 | 1012016 | INSTALLATION OF METER CLAMPS | NO | 58.21 |
| 290 | 1012022 | REPL OF METER REGUL - 100MBAR TO 21 MBAR | NO | 239.56 |
| 300 | 1017362 | SUPPLY OF METER STICKERS | NO | 1.79 |
| 310 | 1020297 | PAINTING - GI PIPES UPTO 3/4" | M | 72.26 |
| 320 | 1020267 | ATTEND & REPAIR RISER LEAKAGE | NO | 1,078.05 |
| 330 | 1020270 | VC HEIGHT MODIFICATION/REPAIR | M3 | 8,014.01 |
| 340 | 1020271 | RING INSTALLATION ON EXISTING VC | NO | 4,887.16 |
| 350 | 1007207 | FAB FRESH TOP RCC SLAB WITH MANHOLE | NO | 8,624.40 |
| 360 | 1007208 | PROVD MANHOLE COVER -VALVE CHAMBER | NO | 1,342.75 |
| 370 | 1020274 | SAND FILLING IN VALVE CHAMBER | M3 | 1,271.24 |
| 380 | 1020275 | VC- CLEANING OF MALBA/WATER/MUD SLURRY | NO | 1,293.66 |
| 390 | 1020276 | PAINTING OF VC MANHOLE COVER | NO | 72.26 |
| 400 | 1007212 | REINSTALL UPROOTED ROUTE MARKER | NO | 363.94 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 410 | 1020278 | RE- INSTALLATION OF POLE MARKER | NO | 539.03 |
| 420 | 1007210 | PAINTING OF RCC MARKER OF ALL SIZE | NO | 153.79 |
| 430 | 1007211 | PAINTING OF POLE MARKER OF ALL SIZE | NO | 323.50 |
| 440 | 1009440 | REFURBISH EXISTING PLATE MARKERS | NO | 150.73 |
| 450 | 1009441 | PAINTING & STENCILLING OF MARKERS | NO | 49.02 |
| 460 | 1014021 | SUPPLY & INSTALLATION OF SR CABINET | NO | 2,094.79 |
| 470 | 1020279 | FOUNDATION WORK FOR SR | NO | 1,650.60 |
| 480 | 1020280 | NEW SR INSTALL WITH FOUNDATION & CABINET | NO | 3,593.50 |
| 490 | 1020281 | UPLIFTING & SHIFTING OF SR (UTPO 3 MTR.) | NO | 2,874.80 |
| 500 | 1020282 | PAINTING OF SR CABINET | NO | 2,012.36 |
| 510 | 1007198 | SUP & INSTALL RCC HALF ROUND +PEDESTAL | NO | 2,389.89 |
| 520 | 1007199 | SUP & INSTAL GI SLVE, 2.5"/3" NB, 1"+PEDS | NO | 5,476.24 |
| 530 | 1012024 | SUPPLY AND INSTALL OF RCC CRUSH GUARD | NO | 4,783.90 |
| 540 | 1007200 | CONSTRUCTION OF PEDESTAL | NO | 5,806.49 |
| 550 | 1007201 | SAND FILLING IN ALL TYPE OF SLEEVES | NO | 16,031.70 |
| 560 | 1014022 | PEDESTAL FOR NALLAH XING (WT <1M) | NO | 2,958.08 |
| 570 | 1014043 | PEDESTAL FOR NALLAH XING (WT >1M) | NO | 3,820.75 |
| 580 | 1020283 | STRUCTURAL STEEL WORKS | KG | 3,820.75 |
| 590 | 1007177 | PROV/ LAY PLAIN CEMENT CONCRT (1:2:4) | M3 | 1,849.11 |
| 600 | 1009380 | FOUNDATION WORK STEEL BAR REINFORCEMENT | KG | 1,972.26 |
| 610 | 1007179 | PROV/ LAY REINF CEMENT CONCRT (M25) | M3 | 1,409.19 |
| 620 | 1012041 | SUPPLY OF PG 0-1 BAR - 4"- DIAL | NO | 18.38 |
| 630 | 1012042 | SUPPLY OF PG 0-4 BAR - 4"- DIAL | NO | 24.51 |
| 640 | 1020298 | SUPPLY DP GAUGE 0-2 BAR | NO | 6,468.30 |
| 650 | 1012043 | SUPPLY OF PG 0-6 BAR - 4"- DIAL | NO | 3,065.91 |
| 660 | 1020299 | INSTALLATION OF PRESSURE GAUGE | NO | 1,653.66 |
| 670 | 1012020 | SUPPLY - BRASS ADAPTOR (SIZE 1/4"X12MM) | NO | 22.06 |
| 680 | 1014049 | SPLY BRASS ADAPTOR (SIZE 1/2"X12MM) | NO | 133.81 |
| 690 | 1017363 | SUP. BRASS UNION CONNECTOR-1/2" | NO | 140.18 |
| 700 | 1017364 | SUP. BRASS UNION CONNECTOR-3/4" | NO | 145.40 |
| 710 | 1017365 | SUP. BRASS UNION DISCONNECTOR-1/2" | NO | 139.03 |
| 720 | 1017366 | SUP. BRASS UNION DISCONNECTOR-3/4" | NO | 144.24 |
| 730 | 1017368 | SUP. G.I FITTINGS 1/2" OF ALL TYPES | NO | 42.86 |
| 740 | 1017369 | SUP. G.I FITTINGS 3/4" OF ALL TYPES | NO | 52.13 |
| 750 | 1017370 | SUP. G.I FITTINGS 1" OF ALL TYPES | NO | 64.30 |
| 760 | 1017371 | SUP. REDUCER FITTINGS (1/2" & 3/4") ALL | NO | 47.50 |
| 770 | 1012040 | SUPPLY OF NEW COPPER JUMPER | NO | 130.34 |
| 780 | 1020284 | SUPPLY OF LOCK (GODREJ MAKE- COMP. KEY) | NO | 795.07 |
| 790 | 1020285 | PRINT AND SUPPLY LOG BOOKS (100 PAGES) | NO | 191.28 |
| 800 | 1020286 | PRINT CAUTION BOARD SIGNAGES | FT2 | 51.23 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 10

Providing RCC Breaker machines with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of RCC Breaker Compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by RCC Breaker m/c.

SERVICE TEXTS FOR ITEM 20

Providing tractor mounted air compressor with fuel, driver/operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of tractor mounted air compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by tractor mounted air compressor.

SERVICE TEXTS FOR ITEM 30

Hiring of JCB M/c for 4 hours

SERVICE TEXTS FOR ITEM 40

Providing De-watering pump with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of De-watering pump shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by De-watering pump.

SERVICE TEXTS FOR ITEM 50

Scope includes supplying a Welding machine along with power source/fuel, a operator with helper, transportation, and all necessary tools, tackles, and consumables required within the time frame specified in the tender document. Payment for the deployment of the Welder will be made for a minimum of 8 hours. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 60

Restoration of trenches & pits excavated for repairing of damaged or for rerouting/modifications of laid/existing MDPE pipeline to original conditions, surface like Asphalted/Bituminous Road, Concrete Pavement, Agra & Kota Stones, Tiles (Chequered/Interlocking etc.), Dry Brick Pavement as per the technical specifications attached in the tender after laying of pipeline for Built- Up surface as per the directions of EIC / Site Incharge. Scope includes supply of



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

approved quality material, testing of materials by third party agencies (if required) as per technical specification / CPWD / IRC Standards, submission of the restoration reports. The NOC from local authorities (if required) will be as per direction of EIC/IGL control room Incharge. It includes cases, where excavation was carried out to repair the damaged section of pipeline/where the trench settles despite earlier restoration.

SERVICE TEXTS FOR ITEM 70

Disconnection, Loading, Transportation, of wall mounted MRS from IGL's designated site to another site and all others necessary documentation. Also includes unloading of the systems, storage of system (wherever required), replacement of meter/regulator (wherever required), Re-installation of MRS at IGL's designated site, as required by the site conditions.

SERVICE TEXTS FOR ITEM 80

Attend/Repair works for Emergency leakages for MDPE Network upto 32 mm dia

SERVICE TEXTS FOR ITEM 90

Attend/Repair works for Emergency leakages for MDPE Network 63 mm dia.

SERVICE TEXTS FOR ITEM 100

Scope of work includes mobilization and deputation of manpower, supervisor, machine, DG Set for power supply, tools & tackles, PPEs, Safety equipments etc to attend and repair the MDPE network leakages work with the given stipulated time. Execution of work includes excavation of the pits, dewatering, cutting of HDPE Casing, jointing, flushing, testing the network after repair, purging(wherever required),commissioning, backfilling, compaction, reinstatement of pit/road to its original state.It covers the receiving,handling,loading-unloading and transportation of free-issue material from IGL stores,control rooms or the contractor's store to the site for repairing the damaged/leaked section of the gas pipeline. Arrangement of machineries like JCB for excavation, tractor-mounted air compressor, dewatering pump, and RCC Breaker are in contractor scope.The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 110

Modification/Installation-DIAPHRAGM/THERMAL meter in existing MRS
It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 120

MOD/INST-RPD MTR IN EXISTING SKIDS

SERVICE TEXTS FOR ITEM 130

MODIFICATIONS & INSTALLATION OF 300 MBAR REGULATOR

SERVICE TEXTS FOR ITEM 140

MODIFICATIONS & INSTALLATION OF 500 MAR REGULATOR

SERVICE TEXTS FOR ITEM 150

MODIFICATIONS & INSTALLATION OF 2 BAR REGULATOR

SERVICE TEXTS FOR ITEM 160

Dismantling/Shifting of I&C cages/cabinets

It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 170

Painting - GI pipes, MRS/FRS: Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Restoring the wall surface to original by cleaning / touching up of the corresponding paint to original as per instructions & to the satisfaction of the EIC. (Painting - GI pipes- 3/4")

SERVICE TEXTS FOR ITEM 180

Painting - GI pipes - 1"

SERVICE TEXTS FOR ITEM 190

The scope of work for painting covers the application of a proper surface finish



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 200

Painting - FRS/MRS Skid (All types)

SERVICE TEXTS FOR ITEM 210

Painting of I&C wall mounted MRS

Painting of manhole cover/ wall mounted MRS/cages/cabinet/above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial/Industrial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Rates are inclusive of Painting of Emergency numbers on Manhole cover & Cabinet/cages (if required). Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC.

SERVICE TEXTS FOR ITEM 220

24. Pneumatic Testing of commissioned GI Riser at 2.0 bar dismantling and re-installation of regulators of all sizes & domestic meters with replacement of damaged pipe, valves & fittings as per specifications. Procurement of GI pipe, fittings & Clamps will be in scope of contractor. Regulator & valves will be provided by IGL as a free issue item. It also includes proper coordination and communication with residents/Users to conduct shut down on riser. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC. Tightening & Replacement of existing damaged clamps with new ones for GI installations. It also includes installing new clamps wherever required as per directions of IGL Control room In charge. The rate includes procurement, inspection, and transportation to site.

SERVICE TEXTS FOR ITEM 230

Supply and service for replacement/installation of PVC clamp for copper

SERVICE TEXTS FOR ITEM 240

Supply and service of replacement/installation of clamps for $\frac{3}{4}$ " / $\frac{1}{2}$ " GI pipes

SERVICE TEXTS FOR ITEM 250

Supply and service of replacement/installation of clamps for 1" & above GI pipes



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 260

Supply - For Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 270

Service- Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 280

SERVICE - Installation OF Meter Clamps

SERVICE TEXTS FOR ITEM 290

Replacement of Meter Regulator - 100mbar to 21 mbar (if tampered/ external damaged)

SERVICE TEXTS FOR ITEM 300

Supply of Meter stickers

SERVICE TEXTS FOR ITEM 310

Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC.

SERVICE TEXTS FOR ITEM 320

Scope of work includes mobilization and deputation of manpower, machine, DG Set for power supply, tools, tackles, PPE's, Safety equipments, etc to attend and repair the Riser/GI leakages work at height. Execution of work includes cutting, bevelling and edge preparation, threading, grinding the edges of pipes, fittings, etc. including Non-destructive testing (wherever applicable), testing of pipes and fittings after repair, commissioning. It covers the receiving, handling, loading-unloading, and transportation of free-issue material from IGL stores, control rooms or the contractor's store to the site for repairing the damaged/leaked riser or GI/CS pipeline. Arrangement of PPEs like ascender/descender, helmets, safety harness belts are in contractor scope. The contractor will ensure to follow work permit system and safety norms with proper permit approvals from client. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.



SERVICE TEXTS FOR ITEM 330

"Scope of work includes all civil activities such as supplying manpower, materials, pit excavation, repair and/or modification of existing valve chambers, including RCC and brick type. The work involves increasing or decreasing the height of the valve chambers, as well as modifying their size to accommodate changes in piping or other system requirements including excavating around the valve chambers. Supply of Class A brick, sand, coarse sand, cement, water, RCC along with plaster, shuttering and supporting material, demolition, increasing of height of chamber as per site requirement and provision of mason are in the scope of contractor. All work shall be done in accordance with relevant codes, standards, and approved drawings provided by client. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims."

SERVICE TEXTS FOR ITEM 340

"Scope of work includes the installation of a ring on an existing valve chamber, ensuring structural strength and proper alignment. It includes site assessment to evaluate the chamber's condition and barricading the work area. The ring is then positioned and fastened in place, ensuring a secure fit and effective sealing. The work also includes all civil activities such as supplying manpower, materials, pit excavation, dismantling of existing ring structure (if any), preparing the surface, placing new ring and jointing with Plain Cement Concrete (PCC), finishing, and cleaning up the site. Finally, the scope ensures full restoration of the site in accordance with the technical specifications and the guidance of the EIC. All rates provided are inclusive of the above-mentioned tasks, as well as any liaisoning and coordination with relevant authorities and agencies. Scope includes providing manpower, transportation of material with all tools & all consumable required for the completion of attend/repair works. The contractor is responsible for all liaisoning with statutory authorities, utility agencies, and managing third-party claims if needed."

SERVICE TEXTS FOR ITEM 350

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

scope also inclues installation of PE valve in valve chamber with required squeezing of on line Gas network , cutting,cleaning,electrofusion jointing,testing and commisioning of gas network. The rate includes liaisoning with statutory bodies and no seperate rates are payable

SERVICE TEXTS FOR ITEM 360



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

Scope also includes installation of PE valve in valve chamber with required squeezing of on line Gas network, cutting, cleaning, electrofusion jointing, testing and commissioning of gas network. The rate includes liaisoning with statutory bodies and no separate rates are payable.

SERVICE TEXTS FOR ITEM 370

Scope of work includes the supply, transportation, manpower, and filling of clean, dry sand into the chambers. The work includes clearing the valve chamber of debris, ensuring proper sand quality, and filling the chamber to the required depth in layers, with each layer compacted to prevent settling. After filling, the site will be cleaned of any excess material. The work will be performed in compliance with safety standards, with proper protective equipment provided for all personnel. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 380

Scope includes supplying manpower, transportation, dewatering pump, mud/slurry-pump and all necessary tools, tackles, equipments required for cleaning within the time frame specified in the tender document. Contractor will ensure to safety work practices, proper barricading of site, availability of PPEs before commencement of work. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 390

Scope of work includes removing all debris, dirt and foreign materials around the manhole cover to ensure smooth opening and closing for valve operation. The rate encompasses cleaning of manhole using appropriate tools, removal of any buildup around hinges or seals to ensure proper functioning, transportation, manpower and painting of manhole cover (including demarcation of emergency numbers). After cleaning, all waste and debris will be properly disposed of, and the site will be left clean and safe. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 400

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 410

Reinstallation of Pole Markers as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, restoration of area to original condition and performing all works as per drawings, specification, and instruction of Engineer-in-Charge. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 420

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 430

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 440

Supply and Installation /reinstallation plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including cleaning, supply and application of approved colour 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room in charge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc. It



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

includes immediate replacement of old marker with new marker and refurbishment of old marker for further use.

SERVICE TEXTS FOR ITEM 450

Cleaning, supply and application of approved colour and quality of primer and paint, stencilling as per instruction of Engineer-in-Charge. The rate also includes liaisoning with statutory bodies etc. The scope is for all types of markers up to 10 Digits/ Characters on individual markers. Contractor will provide a list of stencilling of markers to control room in charge and get their approval before start of work. In case of exceeding 10 digits/ characters on individual markers, payment shall be done on multiples of this SOR.

SERVICE TEXTS FOR ITEM 460

Supply and Installation of SR Cabinet

"Supply and installation of Service Regulator cover including fabrication, 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.

SERVICE TEXTS FOR ITEM 470

The scope covers the preparation of the foundation work for the service regulator, in accordance with the technical specifications provided by the client. The rate shall include the cost of all labor, tools, tackles, equipment, hire charges, supply of all materials, shuttering, and earthwork for excavation and backfilling.

SERVICE TEXTS FOR ITEM 480

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. The contractor is also tasked with all liaisoning and coordination with statutory authorities, utility agencies, and managing third-party claims if necessary. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC.



All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities and agencies.

SERVICE TEXTS FOR ITEM 490

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary, along with dismantling the service regulator and shutting down the gas supply. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI/CS and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal, foundation, and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities, agencies, and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 500

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 510

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Sqeezing of MDPE pipe near toTransition fittings ,dismantle of regulator,shutdown the riser /individual connections,insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required and no seperate rates are payable.

SERVICE TEXTS FOR ITEM 520

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Sqeezing of MDPE pipe near toTransition fittings ,dismantle of



regulator, shutdown the riser /individual connections, insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required and no separate rates are payable.

SERVICE TEXTS FOR ITEM 530

Supply and installation of RCC Crush Guard

SERVICE TEXTS FOR ITEM 540

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC. The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 550

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC. The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 560

Pedestal for Nallah Crossing (Width <1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 570

Pedestal for Nallah Crossing (Width >1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering,



Reinforcement etc.

SERVICE TEXTS FOR ITEM 580

"Supplying, transporting, storing, fabricating in position and testing/examining bolted and/or welded STRUCTURAL STEEL WORKS at all levels and locations including all built-up sections/compound sections made out of rolled sections and/or plates/bent plates in trusses, purlins, wind ties, wind girders, columns, portals, racks, Dispenser, Crash Guard etc., frameworks, crane gantries, surge girders, bracings, floor beams, lifting beams, monorails, platforms, staircases (excluding chequered plates and gratings), ladders, stoppers, brackets, side runners, sagrods, supports for equipment and technological accessories and process piping, hand railings, posts, conveyor galleries, trestles, towers, masts, junction houses etc., cutting to required size, straightening/bending if required, edge preparation, cleaning, preheating, bolting/welding of joints, (including sealing the joints of box sections with continuous welding), finishing edges by grinding, fixing in line and level with temporary staging & bracing and removal of the same after erection, grouting with Ordinary Grout or premix free flow Nonshrink Grout as specified, including preparation and submission of detailed fabrication drawings.

It also includes supplying and applying Paint (minimum 2 coats) of approved quality and shade suitable for normal corrosive environment including touching up of shop primer coat as per specification, providing temporary staging, scaffolding, testing etc., for steel structures at all levels and locations."

SERVICE TEXTS FOR ITEM 590

Foundation works: Providing and Laying Plain Cement Concrete (1:2:4) Providing, Fixing, Centering, Shuttering and laying of cement concrete with concrete of nominal mix 1:2:4 by mass (1 cement: 2 coarse sand: 4 coarse stone/ aggregates/ gravels) with 20 mm down size graded crushed stone aggregates/ gravels as specified in specifications and satisfaction to the EIC.

SERVICE TEXTS FOR ITEM 600

Supply and placing in position high strength deformed steel bars reinforcement (conforming to IS: 1786, Grade Fe 415) for RCC work including transporting, straightening, cleaning, de-coiling, cutting & binding to required shapes and length as per details, binding with contractor's own 16 SWG black soft annealed binding wire at every intersection, supplying and placing with proper cover blocks, supports, chairs, overlaps, welding, spacers, fan hooks etc. for all heights and depths etc. complete the work as directed.

SERVICE TEXTS FOR ITEM 610

Foundation works: Providing and Laying Reinforced Cement Concrete (M-25) Providing and laying REINFORCED CEMENT CONCRETE OF M-25 Grade (Concrete shall be design mix) with 20mm & down size graded crushed stone aggregates/ gravel in NON SUSPENDED slabs/pavement slabs including pedestals, ramps etc. leaving pockets, laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough or smooth as required and directed, providing



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

pockets/openings, recesses, chamfering etc. wherever required, vibrating, tamping, curing, and rendering smooth if required in any position, shape, level and thickness etc. all complete as specified, shown and directed. The rates includes supply of material, reinforcement, shuttering, steel all complete.

SERVICE TEXTS FOR ITEM 620

Supply of Pressure Gauge of Range 0-1 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 630

Supply of Pressure Gauge of Range 0-4 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 640

Supply of Differential Pressure Gauge of Range 0-2 BAR - 4"/6"- DIAL SIZE with required fittings

SERVICE TEXTS FOR ITEM 650

Supply of Pressure Gauge of Range 0-6 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 660

Installation of Pressure Gauge at IGL site

SERVICE TEXTS FOR ITEM 670

Supply - Brass Adaptor (Size 1/4" x 12mm)

SERVICE TEXTS FOR ITEM 680

Supply of Brass Adaptor (Size 1/2" x 12mm)

Assessment of material requirement for installation at site, Order placement for purchasing Brass fittings from anyone of approved vendors of IGL, Scheduling, planning of material & Forwarding inspection call, Dispatch clearance, handling, loading, transportation and unloading of these at respective contractor's store. Proper storing, stacking, identification, providing security and insurance cover. Preparation and approval of sketches for modification, schedules & execution procedures and all others necessary documentation.

SERVICE TEXTS FOR ITEM 690

Supply of Brass Union Connector-1/2"



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 700

Supply of Brass Union Connector-3/4"

SERVICE TEXTS FOR ITEM 710

Supply of Brass Union Disconnecter-1/2"

SERVICE TEXTS FOR ITEM 720

Supply of Brass Union Disconnecter-3/4"

SERVICE TEXTS FOR ITEM 730

Supply of G.I Fittings 1/2" of all types

SERVICE TEXTS FOR ITEM 740

Supply of G.I Fittings 3/4" of all types

SERVICE TEXTS FOR ITEM 750

Supply of G.I Fittings 1" of all types

SERVICE TEXTS FOR ITEM 760

Supply of Reducer Fittings (1/2" & 3/4") of all types



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 770

Supply of new copper jumper of 1" width and 3 mm thick.

SERVICE TEXTS FOR ITEM 780

"It includes supply of padlocks with specifications: Minimum 03 ton pull load resistance, 12/14 pin computerised key (03nos.), Corrosion/Water Resistant, Hardened Shackle (Hackshaw Resistant), Brass Body, Rivet less body with polished Finish, Automatic Locking Technology, Double side locking for double protection or Two-point locking shackle, Key Hole preferably in the bottom of the lock body., Body Shape- Round/Rectangle.

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE TEXTS FOR ITEM 790

It includes printing/supply of log books with Hard cover binding, 100 Leaves, size A3, A4, legal 13x8, single colour printing, white/pink/yellow/blank paper, 75 GSM Paper, Single or double side printing. Print Format to be provided by IGL. SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms.

SERVICE TEXTS FOR ITEM 800

"Cautionary Signage Board of area upto 6sq. ft. (varying sizes as per requirement) with following technical specifications:

Printing: Eco Digital Printing on Vinyl (120 mic. Wyte/ Avery)

Lamination: 80 microns (Wyte)

Sun Board: 3 mm thickness Sun board and self-adhesive option on backside

Durability: 3-4 years (Depending upon the weather condition)

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE DETAILS FOR ITEM 00080 - MDPE/Cu/GI-Gzb-O

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---------------------------------|------|-----------|
| 10 | 1009416 | HIRING-RCC BREAKERS | LMP | 2,094.79 |
| 20 | 1009414 | HIRING-TRACTOR MOUNTED AIR COMP | LMP | 1,650.60 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 30 | 1011972 | HIRING OF JCB M/C FOR 4 HOURS | LMP | 3,593.50 |
| 40 | 1009415 | HIRING-DE-WATERING PUMP | LMP | 2,874.80 |
| 50 | 1020259 | HIRING OF WELDER FOR 08 HOURS | NO | 2,012.36 |
| 60 | 1007137 | RESTORATION-PITS/ TRENCHES | M3 | 2,389.89 |
| 70 | 1009364 | SHIFTING-WALL MOUNTED MRS | LMP | 5,476.24 |
| 80 | 1011927 | ATTEND/REPAIR-EMER LEAK MDPE UPTO 32 MM | NO | 4,783.90 |
| 90 | 1011928 | ATTEND/REPAIR -EMER LEAK MDPE 63 MM | NO | 5,806.49 |
| 100 | 1020288 | ATTEND/REPAIR -EMER LEAK MDPE 125/180 MM | NO | 16,031.70 |
| 110 | 1017352 | MODI./INST.-DIA./THERMAL METER IN MRS | NO | 2,958.08 |
| 120 | 1012154 | MOD/INST-RPD MTR IN EXISTING SKIDS | NO | 3,820.75 |
| 130 | 1012156 | MOD/INST-REG 300MBAR IN EXISTING SKIDS | NO | 3,820.75 |
| 140 | 1012157 | MOD/INST-REG 500MBAR IN EXISTING SKIDS | NO | 1,849.11 |
| 150 | 1012158 | MOD/INST-REG 2BAR IN EXISTING SKIDS | NO | 1,972.26 |
| 160 | 1017353 | DISM./SHIFTING OF I&C CAGES/CABINETS | NO | 1,409.19 |
| 170 | 1006290 | PAINTING - GI PIPES 3/4" | M | 18.38 |
| 180 | 1012012 | PAINTING OF GI PIPE 1" | M | 24.51 |
| 190 | 1020282 | PAINTING OF SR CABINET | NO | 6,468.30 |
| 200 | 1012014 | PAINTING OF FRS/MRS SKID (ALL TYPES) | NO | 3,065.91 |
| 210 | 1017354 | PAINTING OF I&C WALL MOUNTED MRS | NO | 1,653.66 |
| 220 | 1009437 | RISER TESTING (REG TO MIV) ALL SIZES | M | 22.06 |
| 230 | 1012032 | SUPP/SER-REPL/INSTALL PVC CLAMP FOR CU | NO | 11.33 |
| 240 | 1012033 | SUP/SER-REPL/INSTL CLAMPS 3/4"/ 1/2 #GI PIPE | NO | 32.78 |
| 250 | 1012034 | SUPP/SER-REPL/INSTAL CLAMP1#&ABV GI PIPE | NO | 51.26 |
| 260 | 1012017 | SUPPLY CU PIPE&BRASS FIT (FOR ANAC.REPL) | NO | 310.51 |
| 270 | 1012018 | SERVICE-REPL EXIS ANAC WTH CU PIPE&BRASS | NO | 224.86 |
| 280 | 1012016 | INSTALLATION OF METER CLAMPS | NO | 58.21 |
| 290 | 1012022 | REPL OF METER REGUL - 100MBAR TO 21 MBAR | NO | 239.56 |
| 300 | 1017362 | SUPPLY OF METER STICKERS | NO | 1.79 |
| 310 | 1020297 | PAINTING - GI PIPES UPTO 3/4" | M | 72.26 |
| 320 | 1020267 | ATTEND & REPAIR RISER LEAKAGE | NO | 1,078.05 |
| 330 | 1020270 | VC HEIGHT MODIFICATION/REPAIR | M3 | 8,014.01 |
| 340 | 1020271 | RING INSTALLATION ON EXISTING VC | NO | 4,887.16 |
| 350 | 1007207 | FAB FRESH TOP RCC SLAB WITH MANHOLE | NO | 8,624.40 |
| 360 | 1007208 | PROVD MANHOLE COVER -VALVE CHAMBER | NO | 1,342.75 |
| 370 | 1020274 | SAND FILLING IN VALVE CHAMBER | M3 | 1,271.24 |
| 380 | 1020275 | VC- CLEANING OF MALBA/WATER/MUD SLURRY | NO | 1,293.66 |
| 390 | 1020276 | PAINTING OF VC MANHOLE COVER | NO | 72.26 |
| 400 | 1007212 | REINSTALL UPROOTED ROUTE MARKER | NO | 363.94 |
| 410 | 1020278 | RE- INSTALLATION OF POLE MARKER | NO | 539.03 |
| 420 | 1007210 | PAINTING OF RCC MARKER OF ALL SIZE | NO | 153.79 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|---|------|-----------|
| 430 | 1007211 | PAINTING OF POLE MARKER OF ALL SIZE | NO | 323.50 |
| 440 | 1009440 | REFURBISH EXISTING PLATE MARKERS | NO | 150.73 |
| 450 | 1009441 | PAINTING & STENCILLING OF MARKERS | NO | 49.02 |
| 460 | 1014021 | SUPPLY & INSTALLATION OF SR CABINET | NO | 2,255.80 |
| 470 | 1020279 | FOUNDATION WORK FOR SR | NO | 4,057.86 |
| 480 | 1020280 | NEW SR INSTALL WITH FOUNDATION & CABINET | NO | 11,593.36 |
| 490 | 1020281 | UPLIFTING & SHIFTING OF SR (UTPO 3 MTR.) | NO | 8,265.05 |
| 500 | 1020282 | PAINTING OF SR CABINET | NO | 539.03 |
| 510 | 1007198 | SUP & INSTALL RCC HALF ROUND +PEDESTAL | NO | 295.61 |
| 520 | 1007199 | SUP & INSTAL GI SLVE, 2.5"/3" NB, 1"+PEDS | NO | 377.26 |
| 530 | 1012024 | SUPPLY AND INSTALL OF RCC CRUSH GUARD | NO | 627.58 |
| 540 | 1007200 | CONSTRUCTION OF PEDESTAL | NO | 213.83 |
| 550 | 1007201 | SAND FILLING IN ALL TYPE OF SLEEVES | NO | 25.63 |
| 560 | 1014022 | PEDESTAL FOR NALLAH XING (WT <1M) | NO | 3,171.82 |
| 570 | 1014043 | PEDESTAL FOR NALLAH XING (WT >1M) | NO | 4,581.32 |
| 580 | 1020283 | STRUCTURAL STEEL WORKS | KG | 82.10 |
| 590 | 1007177 | PROV/ LAY PLAIN CEMENT CONCRT (1:2:4) | M3 | 4,790.64 |
| 600 | 1009380 | FOUNDATION WORK STEEL BAR REINFORCEMENT | KG | 60.85 |
| 610 | 1007179 | PROV/ LAY REINF CEMENT CONCRT (M25) | M3 | 6,072.05 |
| 620 | 1012041 | SUPPLY OF PG 0-1 BAR - 4"- DIAL | NO | 719.45 |
| 630 | 1012042 | SUPPLY OF PG 0-4 BAR - 4"- DIAL | NO | 1,541.45 |
| 640 | 1020298 | SUPPLY DP GAUGE 0-2 BAR | NO | 1,541.45 |
| 650 | 1012043 | SUPPLY OF PG 0-6 BAR - 4"- DIAL | NO | 2,089.44 |
| 660 | 1020299 | INSTALLATION OF PRESSURE GAUGE | NO | 199.74 |
| 670 | 1012020 | SUPPLY - BRASS ADAPTOR (SIZE 1/4"X12MM) | NO | 183.64 |
| 680 | 1014049 | SPLY BRASS ADAPTOR (SIZE 1/2"X12MM) | NO | 133.81 |
| 690 | 1017363 | SUP. BRASS UNION CONNECTOR-1/2" | NO | 140.18 |
| 700 | 1017364 | SUP. BRASS UNION CONNECTOR-3/4" | NO | 145.40 |
| 710 | 1017365 | SUP. BRASS UNION DISCONNECTOR-1/2" | NO | 139.03 |
| 720 | 1017366 | SUP. BRASS UNION DISCONNECTOR-3/4" | NO | 144.24 |
| 730 | 1017368 | SUP. G.I FITTINGS 1/2" OF ALL TYPES | NO | 42.86 |
| 740 | 1017369 | SUP. G.I FITTINGS 3/4" OF ALL TYPES | NO | 52.13 |
| 750 | 1017370 | SUP. G.I FITTINGS 1" OF ALL TYPES | NO | 64.30 |
| 760 | 1017371 | SUP. REDUCER FITTINGS (1/2" & 3/4") ALL | NO | 47.50 |
| 770 | 1012040 | SUPPLY OF NEW COPPER JUMPER | NO | 130.34 |
| 780 | 1020284 | SUPPLY OF LOCK (GODREJ MAKE- COMP. KEY) | NO | 795.07 |
| 790 | 1020285 | PRINT AND SUPPLY LOG BOOKS (100 PAGES) | NO | 191.28 |
| 800 | 1020286 | PRINT CAUTION BOARD SIGNAGES | FT2 | 51.23 |

SERVICE TEXTS FOR ITEM 10

Providing RCC Breaker machines with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

defined in tender document. Payment for deployment of RCC Breaker Compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by RCC Breaker m/c.

SERVICE TEXTS FOR ITEM 20

Providing tractor mounted air compressor with fuel, driver/operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of tractor mounted air compressor shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by tractor mounted air compressor.

SERVICE TEXTS FOR ITEM 30

Hiring of JCB M/c for 4 hours

SERVICE TEXTS FOR ITEM 40

Providing De-watering pump with fuel, operator, transportation with all tools & tackles and consumables required in emergency within stipulated time frame as defined in tender document. Payment for deployment of De-watering pump shall be done for minimum 4 hours. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims for damages by De-watering pump.

SERVICE TEXTS FOR ITEM 50

Scope includes supplying a Welding machine along with power source/fuel, a operator with helper, transportation, and all necessary tools, tackles, and consumables required within the time frame specified in the tender document. Payment for the deployment of the Welder will be made for a minimum of 8 hours. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 60

Restoration of trenches & pits excavated for repairing of damaged or for rerouting/modifications of laid/existing MDPE pipeline to original conditions, surface like Asphalted/Bituminous Road, Concrete Pavement, Agra & Kota Stones, Tiles (Chequered/Interlocking etc.), Dry Brick Pavement as per the technical specifications attached in the tender after laying of pipeline for Built- Up surface as per the directions of EIC / SItc Incharge. Scope includes supply of approved quality material, testing of materials by third party agencies (if required) as per technical specification / CPWD / IRC Standards, submission of the restoration reports. The NOC from local authorities (if required) will be as per direction of EIC/IGL control room Incharge. It includes cases, where excavation was carried out to repair the damaged section of pipeline/where the trench settles



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

despite earlier restoration.

SERVICE TEXTS FOR ITEM 70

Disconnection, Loading, Transportation, of wall mounted MRS from IGL's designated site to another site and all others necessary documentation. Also includes unloading of the systems, storage of system (wherever required), replacement of meter/regulator (wherever required), Re-installation of MRS at IGL's designated site, as required by the site conditions.

SERVICE TEXTS FOR ITEM 80

Attend/Repair works for Emergency leakages for MDPE Network upto 32 mm dia

SERVICE TEXTS FOR ITEM 90

Attend/Repair works for Emergency leakages for MDPE Network 63 mm dia.

SERVICE TEXTS FOR ITEM 100

Scope of work includes mobilization and deputation of manpower, supervisor, machine, DG Set for power supply, tools & tackles, PPEs, Safety equipments etc to attend and repair the MDPE network leakages work with the given stipulated time. Execution of work includes excavation of the pits, dewatering, cutting of HDPE Casing, jointing, flushing, testing the network after repair, purging (wherever required), commissioning, backfilling, compaction, reinstatement of pit/road to its original state. It covers the receiving, handling, loading-unloading and transportation of free-issue material from IGL stores, control rooms or the contractor's store to the site for repairing the damaged/leaked section of the gas pipeline. Arrangement of machineries like JCB for excavation, tractor-mounted air compressor, dewatering pump, and RCC Breaker are in contractor scope. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 110

Modification/Installation-DIAPHRAGM/THERMAL meter in existing MRS
It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 120

MOD/INST-RPD MTR IN EXISTING SKIDS



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 130

MODIFICATIONS & INSTALLATION OF 300 MBAR REGULATOR

SERVICE TEXTS FOR ITEM 140

MODIFICATIONS & INSTALLATION OF 500 MAR REGULATOR

SERVICE TEXTS FOR ITEM 150

MODIFICATIONS & INSTALLATION OF 2 BAR REGULATOR

SERVICE TEXTS FOR ITEM 160

Dismantling/Shifting of I&C cages/cabinets

It includes taking shutdown of existing MRS, dismantling meters/ regulators, replacement/Fixing of meters/regulators with associated inlet and outlet connections/fittings supply of pipes & fittings, pipe cutting, threading, welding & firmly fixing with approved meter clamps/ brackets and other supports by proper grouting. Restoring the area to the original condition as per the specifications. Rates include all as above along with testing of joints till re-commissioning.

SERVICE TEXTS FOR ITEM 170

Painting - GI pipes, MRS/FRS: Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Restoring the wall surface to original by cleaning / touching up of the corresponding paint to original as per instructions & to the satisfaction of the EIC. (Painting - GI pipes- 3/4")

SERVICE TEXTS FOR ITEM 180

Painting - GI pipes - 1"

SERVICE TEXTS FOR ITEM 190

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 200

Painting - FRS/MRS Skid (All types)

SERVICE TEXTS FOR ITEM 210

Painting of I&C wall mounted MRS

Painting of manhole cover/ wall mounted MRS/cages/cabinet/above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial/Industrial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC. Rates are inclusive of Painting of Emergency numbers on Manhole cover & Cabinet/cages (if required). Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC.

SERVICE TEXTS FOR ITEM 220

24. Pneumatic Testing of commissioned GI Riser at 2.0 bar dismantling and re-installation of regulators of all sizes & domestic meters with replacement of damaged pipe, valves & fittings as per specifications. Procurement of GI pipe, fittings & Clamps will be in scope of contractor. Regulator & valves will be provided by IGL as a free issue item. It also includes proper coordination and communication with residents/Users to conduct shut down on riser. Restoring the wall surface to original by cleaning / touching of the corresponding paint to original as per instructions & to the satisfaction of the EIC. Tightening & Replacement of existing damaged clamps with new ones for GI installations. It also includes installing new clamps wherever required as per directions of IGL Control room In charge. The rate includes procurement, inspection, and transportation to site.

SERVICE TEXTS FOR ITEM 230

Supply and service for replacement/installation of PVC clamp for copper

SERVICE TEXTS FOR ITEM 240

Supply and service of replacement/installation of clamps for $\frac{3}{4}$ " / $\frac{1}{2}$ " GI pipes

SERVICE TEXTS FOR ITEM 250

Supply and service of replacement/installation of clamps for 1" & above GI pipes

SERVICE TEXTS FOR ITEM 260

Supply - For Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 270

Service- Replacement of existing Anaconda with Cu pipe & Brass Fittings to connect Isolation Valve with existing Meter Regulator/ Meter

SERVICE TEXTS FOR ITEM 280

SERVICE - Installation OF Meter Clamps

SERVICE TEXTS FOR ITEM 290

Replacement of Meter Regulator - 100mbar to 21 mbar (if tampered/ external damaged)

SERVICE TEXTS FOR ITEM 300

Supply of Meter stickers

SERVICE TEXTS FOR ITEM 310

Painting of above ground entire length of GI pipe along with fittings of various sizes installed at domestic and commercial connection after proper surface finish by one coat of approved primer paint and two coats of approved synthetic enamel paint complete as per specifications & directions of EIC.

SERVICE TEXTS FOR ITEM 320

Scope of work includes mobilization and deputation of manpower, machine, DG Set for power supply, tools, tackles, PPE's, Safety equipments, etc to attend and repair the Riser/GI leakages work at height. Execution of work includes cutting, bevelling and edge preparation, threading, grinding the edges of pipes, fittings, etc. including Non-destructive testing (wherever applicable), testing of pipes and fittings after repair, commissioning. It covers the receiving, handling, loading-unloading, and transportation of free-issue material from IGL stores, control rooms or the contractor's store to the site for repairing the damaged/leaked riser or GI/CS pipeline. Arrangement of PPEs like ascender/descender, helmets, safety harness belts are in contractor scope. The contractor will ensure to follow work permit system and safety norms with proper permit approvals from client. The rates encompass all liaisoning expenses, including those related to statutory authorities, other agencies, and third-party settlement claims.

SERVICE TEXTS FOR ITEM 330

"Scope of work includes all civil activities such as supplying manpower, materials,



pit excavation, repair and/or modification of existing valve chambers, including RCC and brick type. The work involves increasing or decreasing the height of the valve chambers, as well as modifying their size to accommodate changes in piping or other system requirements including excavating around the valve chambers. Supply of Class A brick, sand, coarse sand, cement, water, RCC along with plaster, shuttering and supporting material, demolition, increasing of height of chamber as per site requirement and provision of mason are in the scope of contractor. All work shall be done in accordance with relevant codes, standards, and approved drawings provided by client. Rates are inclusive of painting of emergency numbers on manhole cover, coordination with statutory authorities, other utility agencies and settlement of third-party claims."

SERVICE TEXTS FOR ITEM 340

"Scope of work includes the installation of a ring on an existing valve chamber, ensuring structural strength and proper alignment. It includes site assessment to evaluate the chamber's condition and barricading the work area. The ring is then positioned and fastened in place, ensuring a secure fit and effective sealing. The work also includes all civil activities such as supplying manpower, materials, pit excavation, dismantling of existing ring structure (if any), preparing the surface, placing new ring and jointing with Plain Cement Concrete (PCC), finishing, and cleaning up the site. Finally, the scope ensures full restoration of the site in accordance with the technical specifications and the guidance of the EIC. All rates provided are inclusive of the above-mentioned tasks, as well as any liaisoning and coordination with relevant authorities and agencies. Scope includes providing manpower, transportation of material with all tools & all consumable required for the completion of attend/repair works. The contractor is responsible for all liaisoning with statutory authorities, utility agencies, and managing third-party claims if needed."

SERVICE TEXTS FOR ITEM 350

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.

scope also inclues installation of PE valve in valve chamber with required squeezing of on line Gas network , cutting,cleaning,electrofusion jointing,testing and commisioning of gas network. The rate includes liaisoning with statutory bodies and no seperate rates are payable

SERVICE TEXTS FOR ITEM 360

All civil works including supply of manpower, materials, excavation of pit, piping supports including all PCC, RCC and Brick works for valve pits, pedestals with insert plates as required, sealing of pipe at pits, providing cover etc., finishing, clean up and restoration as per technical specification & instruction of EIC.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

scope also includes installation of PE valve in valve chamber with required squeezing of on line Gas network , cutting,cleaning,electrofusion jointing,testing and commissioning of gas network. The rate includes liaisoning with statutory bodies and no separate rates are payable.

SERVICE TEXTS FOR ITEM 370

Scope of work includes the supply, transportation, manpower, and filling of clean, dry sand into the chambers. The work includes clearing the valve chamber of debris, ensuring proper sand quality, and filling the chamber to the required depth in layers, with each layer compacted to prevent settling. After filling, the site will be cleaned of any excess material. The work will be performed in compliance with safety standards, with proper protective equipment provided for all personnel. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 380

Scope includes supplying manpower, transportation, dewatering pump, mud/slurry-pump and all necessary tools, tackles, equipments required for cleaning within the time frame specified in the tender document. Contractor will ensure to safety work practices, proper barricading of site, availability of PPEs before commencement of work. The rates include coordinating with customers, statutory authorities, other utility agencies, and resolving any third-party claims for damages caused by the Welding machine/workmanship.

SERVICE TEXTS FOR ITEM 390

Scope of work includes removing all debris, dirt and foreign materials around the manhole cover to ensure smooth opening and closing for valve operation. The rate encompasses cleaning of manhole using appropriate tools, removal of any buildup around hinges or seals to ensure proper functioning, transportation, manpower and painting of manhole cover(including demarcation of emergency numbers). After cleaning, all waste and debris will be properly disposed of, and the site will be left clean and safe. Rates are inclusive of coordination with statutory authorities and other utility agencies, as well as the settlement of third-party claims.

SERVICE TEXTS FOR ITEM 400

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.



SERVICE TEXTS FOR ITEM 410

Reinstallation of Pole Markers as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, restoration of area to original condition and performing all works as per drawings, specification, and instruction of Engineer-in-Charge. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 420

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 430

Supply and Installation /reinstallation of Route Markers / Pole Markers/plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including all associated civil works such as excavation and construction in all types of soils, construction of pedestals and grouting with concrete, cleaning, 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room incharge and get their approval before start of work. The rate also includes liaisoning with statutory bodies etc.

SERVICE TEXTS FOR ITEM 440

Supply and Installation /reinstallation plate marker as per the attached drawings, along the route / along boundary wall, lamp posts including cleaning, supply and application of approved colour 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 Engineer-in-Charge. Contractor will provide a list of installation or reinstallation of markers to control room in charge and get their approval before start of work. The rate also includes laisioning with statutory bodies etc. It includes immediate replacement of old marker with new marker and refurbishment of old marker for further use.

SERVICE TEXTS FOR ITEM 450



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Cleaning, supply and application of approved colour and quality of primer and paint, stencilling as per instruction of Engineer-in-Charge. The rate also includes liaisoning with statutory bodies etc. The scope is for all types of markers up to 10 Digits/ Characters on individual markers. Contractor will provide a list of stencilling of markers to control room in charge and get their approval before start of work. In case of exceeding 10 digits/ characters on individual markers, payment shall be done on multiples of this SOR.

SERVICE TEXTS FOR ITEM 460

Supply and Installation of SR Cabinet

"Supply and installation of Service Regulator cover including fabrication, 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.

SERVICE TEXTS FOR ITEM 470

The scope covers the preparation of the foundation work for the service regulator, in accordance with the technical specifications provided by the client. The rate shall include the cost of all labor, tools, tackles, equipment, hire charges, supply of all materials, shuttering, and earthwork for excavation and backfilling.

SERVICE TEXTS FOR ITEM 480

The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. The contractor is also tasked with all liaisoning and coordination with statutory authorities, utility agencies, and managing third-party claims if necessary. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities and agencies.

SERVICE TEXTS FOR ITEM 490



The scope of work includes the installation of the service regulator, which includes excavation and removal of any obstructions as needed. The work also covers the squeezing, cutting, scrapping, modification and shifting of PE pipes as necessary, along with dismantling the service regulator and shutting down the gas supply. The contractor is responsible for modifying GI/CS pipes, installing isolation valves where required, and performing Tee/saddle cutting when necessary. After the installation of the pipes, the work includes testing and commissioning of both GI/CS and MDPE pipes. The annulus will be sealed, and sleeves will be securely fixed using a concrete mix. The service regulator cabinet will be painted, and the complete installation of the service regulator will be finalized. The scope also includes the preparation of the pedestal, foundation, and restoration of the excavated pits to match the size of the service regulator foundation, following the technical specifications. Civil activities such as supplying manpower, materials, pit excavation, laying Plain Cement Concrete (PCC), finishing, and site cleanup will be included in the scope. The contractor will ensure the full restoration of the site in compliance with the technical specifications and under the guidance of the EIC. All rates should cover the above tasks, including any necessary coordination and liaisoning with relevant authorities, agencies, and settlement of 3rd party claims.

SERVICE TEXTS FOR ITEM 500

The scope of work for painting covers the application of a proper surface finish the application of one coat of approved primer paint and two coats of approved synthetic enamel paint, as per the specifications and directions of the Engineer-in-Charge (EIC). The rates will also cover the painting of emergency number on cabinets/cages, if required.

SERVICE TEXTS FOR ITEM 510

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Sqeezing of MDPE pipe near toTransition fittings ,dismantle of regulator,shutdown the riser /individual connections,insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required and no seperate rates are payable.

SERVICE TEXTS FOR ITEM 520

Supply & installation of GI Sleeves, 2.5" NB x 300 mm length GI Sleeve / Half Round Concrete Sleeves for domestic connections , 3" NB x 300 mm length GI Sleeve for commercial and industrial installations, excavation, breaking through any obstructions, Sqeezing of MDPE pipe near toTransition fittings ,dismantle of regulator,shutdown the riser /individual connections,insertion of GI pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required and no seperate rates are payable.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 530

Supply and installation of RCC Crush Guard

SERVICE TEXTS FOR ITEM 540

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 550

Scope includes all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up, Sand Filling and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 560

Pedestal for Nallah Crossing (Width <1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 570

Pedestal for Nallah Crossing (Width >1 Meter)

Construction of RCC structure for MDPE protection for drain/nallah crossing as per specifications - The scope includes construction providing and laying reinforced cement concrete of M-25 grade (Concrete shall be design mix/nominal mix) with 20mm & down size graded crushed stone aggregates in Non suspended slabs/pavement slabs including pedestal/ramp etc., laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough/smooth as required in any position, shape, level and thickness etc. as specified and directed by EIC. The rates include grouting of pockets, supply of material, tools, shuttering, Reinforcement etc.

SERVICE TEXTS FOR ITEM 580

"Supplying, transporting, storing, fabricating in position and testing/examining



bolted and/or welded STRUCTURAL STEEL WORKS at all levels and locations including all built-up sections/compound sections made out of rolled sections and/or plates/bent plates in trusses, purlins, wind ties, wind girders, columns, portals, racks, Dispenser, Crash Guard etc., frameworks, crane gantries, surge girders, bracings, floor beams, lifting beams, monorails, platforms, staircases (excluding chequered plates and gratings), ladders, stoppers, brackets, side runners, sagrods, supports for equipment and technological accessories and process piping, hand railings, posts, conveyor galleries, trestles, towers, masts, junction houses etc., cutting to required size, straightening/bending if required, edge preparation, cleaning, preheating, bolting/welding of joints, (including sealing the joints of box sections with continuous welding), finishing edges by grinding, fixing in line and level with temporary staging & bracing and removal of the same after erection, grouting with Ordinary Grout or premix free flow Nonshrink Grout as specified, including preparation and submission of detailed fabrication drawings. It also includes supplying and applying Paint (minimum 2 coats) of approved quality and shade suitable for normal corrosive environment including touching up of shop primer coat as per specification, providing temporary staging, scaffolding, testing etc., for steel structures at all levels and locations."

SERVICE TEXTS FOR ITEM 590

Foundation works: Providing and Laying Plain Cement Concrete (1:2:4) Providing, Fixing, Centering, Shuttering and laying of cement concrete with concrete of nominal mix 1:2:4 by mass (1 cement: 2 coarse sand: 4 coarse stone/ aggregates/ gravels) with 20 mm down size graded crushed stone aggregates/ gravels as specified in specifications and satisfaction to the EIC.

SERVICE TEXTS FOR ITEM 600

Supply and placing in position high strength deformed steel bars reinforcement (conforming to IS: 1786, Grade Fe 415) for RCC work including transporting, straightening, cleaning, de-coiling, cutting & binding to required shapes and length as per details, binding with contractor's own 16 SWG black soft annealed binding wire at every intersection, supplying and placing with proper cover blocks, supports, chairs, overlaps, welding, spacers, fan hooks etc. for all heights and depths etc. complete the work as directed.

SERVICE TEXTS FOR ITEM 610

Foundation works: Providing and Laying Reinforced Cement Concrete (M-25) Providing and laying REINFORCED CEMENT CONCRETE OF M-25 Grade (Concrete shall be design mix) with 20mm & down size graded crushed stone aggregates/ gravel in NON SUSPENDED slabs/pavement slabs including pedestals, ramps etc. leaving pockets, laying in alternate panels to required slopes, all necessary form work and finishing the top surface rough or smooth as required and directed, providing pockets/openings, recesses, chamfering etc. wherever required, vibrating, tamping, curing, and rendering smooth if required in any position, shape, level and thickness etc. all complete as specified, shown and directed. The rates includes supply of material, reinforcement, shuttering, steel all complete.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 620

Supply of Pressure Gauge of Range 0-1 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 630

Supply of Pressure Gauge of Range 0-4 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 640

Supply of Differential Pressure Gauge of Range 0-2 BAR - 4"/6"- DIAL SIZE with required fittings

SERVICE TEXTS FOR ITEM 650

Supply of Pressure Gauge of Range 0-6 BAR - 4"- DIAL SIZE

SERVICE TEXTS FOR ITEM 660

Installation of Pressure Gauge at IGL site

SERVICE TEXTS FOR ITEM 670

Supply - Brass Adaptor (Size 1/4" x 12mm)

SERVICE TEXTS FOR ITEM 680

Supply of Brass Adaptor (Size 1/2" x 12mm)

Assessment of material requirement for installation at site, Order placement for purchasing Brass fittings from anyone of approved vendors of IGL, Scheduling, planning of material & Forwarding inspection call, Dispatch clearance, handling, loading, transportation and unloading of these at respective contractor's store. Proper storing, stacking, identification, providing security and insurance cover. Preparation and approval of sketches for modification, schedules & execution procedures and all others necessary documentation.

SERVICE TEXTS FOR ITEM 690

Supply of Brass Union Connector-1/2"

SERVICE TEXTS FOR ITEM 700

Supply of Brass Union Connector-3/4"



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 710

Supply of Brass Union Disconnecter-1/2"

SERVICE TEXTS FOR ITEM 720

Supply of Brass Union Disconnecter-3/4"

SERVICE TEXTS FOR ITEM 730

Supply of G.I Fittings 1/2" of all types

SERVICE TEXTS FOR ITEM 740

Supply of G.I Fittings 3/4" of all types

SERVICE TEXTS FOR ITEM 750

Supply of G.I Fittings 1" of all types

SERVICE TEXTS FOR ITEM 760

Supply of Reducer Fittings (1/2" & 3/4") of all types



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 770

Supply of new copper jumper of 1" width and 3 mm thick.

SERVICE TEXTS FOR ITEM 780

"It includes supply of padlocks with specifications: Minimum 03 ton pull load resistance, 12/14 pin computerised key (03nos.), Corrosion/Water Resistant, Hardened Shackle (Hackshaw Resistant), Brass Body, Rivet less body with polished Finish, Automatic Locking Technology, Double side locking for double protection or Two-point locking shackle, Key Hole preferably in the bottom of the lock body., Body Shape- Round/Rectangle.

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE TEXTS FOR ITEM 790

It includes printing/supply of log books with Hard cover binding, 100 Leaves, size A3, A4, legal 13x8, single colour printing, white/pink/yellow/blank paper, 75 GSM Paper, Single or double side printing. Print Format to be provided by IGL. SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms.

SERVICE TEXTS FOR ITEM 800

"Cautionary Signage Board of area upto 6sq. ft. (varying sizes as per requirement) with following technical specifications:

Printing: Eco Digital Printing on Vinyl (120 mic. Wyte/ Avery)

Lamination: 80 microns (Wyte)

Sun Board: 3 mm thickness Sun board and self-adhesive option on backside

Durability: 3-4 years (Depending upon the weather condition)

SOR includes transportation, loading, unloading of items to IGL Store/Site/Control Rooms."

SERVICE DETAILS FOR ITEM 00090 - MDPE/Cu/GI-Delhi (R)

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 137.29 |
| 20 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 144.24 |
| 30 | 1011983 | SUPPLY GI PIPE 1" WITH FITTING | M | 198.69 |
| 40 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 253.72 |
| 50 | 1011985 | SUPPLY CU PIPE 12MM WITH FITTINGS | M | 212.60 |
| 60 | 1017350 | INST./ RE-INST. OF GI/CU PIPE UPTO 3 MTR | NO | 790.57 |
| 70 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 265.92 |



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 80 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 265.92 |
| 90 | 1020293 | INSTALL/RE-INSTALL GI PIPES - 1"& ABOVE | M | 287.48 |
| 100 | 1020294 | INSTALL/ RE-INSTALL OF COPPER PIPE | M | 265.92 |
| 110 | 1009242 | RE-INSTALL # AV WITH RUBBER HOSE/IV | NO | 215.61 |
| 120 | 1017351 | DISM./ REMOVAL OF GI/CU PIPE UPTO 3 MTR | NO | 190.46 |
| 130 | 1011982 | DISC/DISMTL/RMVL THREADED GI PIPE 1/2" | M | 64.68 |
| 140 | 1012053 | DISC/DISMTL/RMVL THREADED GI PIPE 3/4" | M | 64.68 |
| 150 | 1020295 | DISMANTLING THREADED GI PIPE 1" & ABOVE | M | 71.87 |
| 160 | 1012054 | DISC/DISMTL/RMVL THREADED CU PIPE | M | 57.50 |
| 170 | 1011991 | TD/PD PLG IN/OUT KTCH W/O DISM EXST PIPE | NO | 215.61 |
| 180 | 1020296 | SUPPLY CS PIPE 1"&ABV (WTH FORGED FITNG) | M | 413.02 |
| 190 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 256.62 |
| 200 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 290.79 |
| 210 | 1011984 | SUPPLY GI PIPE 1-1/2"& ABV WITH FITT | M | 349.30 |
| 220 | 1012003 | INSTALLATION OF CS PIPE 1-1/2" & ABOVE | M | 513.44 |
| 230 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 217.51 |
| 240 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 217.51 |
| 250 | 1012007 | INSTALLATION OF GI PIPE 1-1/2" & ABOVE | M | 216.29 |
| 260 | 1012008 | DISMTL/RMVL WLDED GI PIPE 1/2" | M | 67.40 |
| 270 | 1012009 | DISMTL/RMVL WLDED GI PIPE 3/4" | M | 71.69 |
| 280 | 1012010 | DISMTL/RMVL WLDED GI PIPE 1" | M | 103.55 |
| 290 | 1020265 | MRS SHIFT/UPGRDE TO DIAPHRAGM/THERMAL | NO | 12,472.31 |
| 300 | 1020266 | MRS SHIFT/UPGRADE TO RPD | NO | 17,483.11 |
| 310 | 1009273 | METER CHECKING BY CHECK METER IN SERIES | NO | 210.16 |
| 320 | 1007202 | MODIFICATION OF OLD TRANSITION FITTINGS | NO | 1,940.49 |
| 330 | 1017357 | TD/ END CAP SER. LINE DOM. (UPTO 32MM) | NO | 1,150.64 |
| 340 | 1017358 | TD/ END CAP OF SER. LINE I&C (UPTO 63MM) | NO | 4,312.20 |
| 350 | 1012027 | SUPPLY RUBBER HOSE WIT CLAMPS -UPTO 1MTR | NO | 79.94 |
| 360 | 1012028 | SUPPLY RUB HOSE WIT CLAMPS->1.00=&1.5MTR | NO | 88.05 |
| 370 | 1012029 | SERVICE-INST ALL TYP RUBBR HOS WTH CLAMP | NO | 86.24 |
| 380 | 1012030 | CONVERSION LPG TO PNG/PNG TO LPG | NO | 57.50 |
| 390 | 1012031 | DRILLING IN SLAB DURING NG CONVERSION | NO | 435.01 |
| 400 | 1005665 | FLAME PROBLEM | NO | 71.07 |

SERVICE TEXTS FOR ITEM 10

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 20

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 30

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1"

SERVICE TEXTS FOR ITEM 40

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 50

Supply of GI Pipe/Cu Pipe including Fittings and any other materials required to complete the activities -Copper pipes: 12mm

SERVICE TEXTS FOR ITEM 60

Installation/ Re-installation of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 70

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 80

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 90

Installation/ Re-installation of GI Pipes : 1" & ABOVE

SERVICE TEXTS FOR ITEM 100

Installation/ Re-installation of Copper Pipe

SERVICE TEXTS FOR ITEM 110

Re-installation of rubber hose, valves and fittings including all accessories on customer/ end user request and store balance material at contractor's store. After completion of contract, return back balance dismantled material to Owners Control room. This includes restoration of holes/pits left out after removal at customer's premises. Contractor shall submit material details & meter reading data to control room immediately after work or as directed by control room in charge. Receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials. All civil works including supply of manpower,



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

materials, finishing, clean up and restoration as defined in technical specification & instruction of EIC.

SERVICE TEXTS FOR ITEM 120

Dismantling/Removal of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 130

DISC/DISMEL/RMVL THREADED GI PIPE 1/2"

SERVICE TEXTS FOR ITEM 140

DISC/DISMEL/RMVL THREADED GI PIPE 3/4"

SERVICE TEXTS FOR ITEM 150

"Disconnection/Dismantling/Removal of Threaded GI pipe & Fittings & Copper Pipes - GI pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 160

DISC/DISMEL/RMVL THREADED CU PIPE

SERVICE TEXTS FOR ITEM 170

Temporary Disconnection/Permanent Disconnection (TD/PD) by using Plug inside Kitchen/out side kitchen and without dismantling of existing pipes.

SERVICE TEXTS FOR ITEM 180

"Supply of CS Pipe including forged Fittings and any other materials required to complete the activities - CS pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 190

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 200

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"

SERVICE TEXTS FOR ITEM 210



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 220

Installation of CS pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 230

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 240

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 250

Installation of GI Pipes : 1 1/2" & above

SERVICE TEXTS FOR ITEM 260

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1/2"

SERVICE TEXTS FOR ITEM 270

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 3/4"

SERVICE TEXTS FOR ITEM 280

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1"

SERVICE TEXTS FOR ITEM 290

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps, brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 300

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, WNRF, pipe cutting,



threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps ,brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 310

Attending all complaints like meter running fast, meter check requested by customer. To manage the inventory of free issue material, prepare DPR,MIS as per requirements. Scope includes installing a new calibrated check meter in series with already installed domestic meter at customer's premises by attaching it with anaconda of existing meter and monitoring readings of both by running gas for at least 2 units in presence of customer and TPI. Scope also includes signing of consent, GIRM and related documents by TPI and customeras per the requirement of EIC. Scope includes receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials.

SERVICE TEXTS FOR ITEM 320

Scope includes excavation, breaking any obstructions, Sqeezing of MDPE pipe near Transition fittings and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections,modification of GI pipe,Installation of isolation valve (if required), re-testing , commisioning of GI and MDPE pipe,sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required.all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 330

Temporary Disconnection/ End Cap of MDPE service pipe line for domestic connection (upto 32mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC.Rates are inclusive of liaisoning with



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 340

Temporary Disconnection/ End Cap of MDPE service pipe line for I&C connection (upto 63mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes, dismantling regulator, shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 350

Supply of Reinforced rubber hose with clamps - upto 1.00 mtr

SERVICE TEXTS FOR ITEM 360

Supply of Reinforced rubber hose with clamps - More than 1.00 mtr & upto 1.50 mtr

SERVICE TEXTS FOR ITEM 370

Service- Installation of all type Reinforced rubber hose with clamps

SERVICE TEXTS FOR ITEM 380

Conversion of Appliance burners from LPG to PNG or PNG to LPG - Hot Plate Burner/Grill/Burner

SERVICE TEXTS FOR ITEM 390

Drill in all type of Slab during NG Conversion

SERVICE TEXTS FOR ITEM 400

RECTIFICATION OF FLAME PROBLEM IN COOKING APPLIANCE IN CASE OF DOMESTIC CUSTOMER.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

ALL TOOLS & TACKLES ARE UNDER VENDOR'S SCOPE.

SERVICE DETAILS FOR ITEM 00100 - MDPE/Cu/GI-Gr. Noida(R)

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 137.29 |
| 20 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 144.24 |
| 30 | 1011983 | SUPPLY GI PIPE 1" WITH FITTING | M | 198.69 |
| 40 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 253.72 |
| 50 | 1011985 | SUPPLY CU PIPE 12MM WITH FITTINGS | M | 212.60 |
| 60 | 1017350 | INST./ RE-INST. OF GI/CU PIPE UPTO 3 MTR | NO | 790.57 |
| 70 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 265.92 |
| 80 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 265.92 |
| 90 | 1020293 | INSTALL/RE-INSTALL GI PIPES - 1" & ABOVE | M | 287.48 |
| 100 | 1020294 | INSTALL/ RE-INSTALL OF COPPER PIPE | M | 265.92 |
| 110 | 1009242 | RE-INSTALL # AV WITH RUBBER HOSE/IV | NO | 215.61 |
| 120 | 1017351 | DISM./ REMOVAL OF GI/CU PIPE UPTO 3 MTR | NO | 190.46 |
| 130 | 1011982 | DISC/DISMTL/RMVL THREADED GI PIPE 1/2" | M | 64.68 |
| 140 | 1012053 | DISC/DISMTL/RMVL THREADED GI PIPE 3/4" | M | 64.68 |
| 150 | 1020295 | DISMANTLING THREADED GI PIPE 1" & ABOVE | M | 71.87 |
| 160 | 1012054 | DISC/DISMTL/RMVL THREADED CU PIPE | M | 57.50 |
| 170 | 1011991 | TD/PD PLG IN/OUT KTCH W/O DISM EXST PIPE | NO | 215.61 |
| 180 | 1020296 | SUPPLY CS PIPE 1" & ABV (WTH FORGED FITNG) | M | 413.02 |
| 190 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 256.62 |
| 200 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 290.79 |
| 210 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 349.30 |
| 220 | 1012003 | INSTALLATION OF CS PIPE 1-1/2" & ABOVE | M | 513.44 |
| 230 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 217.51 |
| 240 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 217.51 |
| 250 | 1012007 | INSTALLATION OF GI PIPE 1-1/2" & ABOVE | M | 216.29 |
| 260 | 1012008 | DISMTL/RMVL WLDED GI PIPE 1/2" | M | 67.40 |
| 270 | 1012009 | DISMTL/RMVL WLDED GI PIPE 3/4" | M | 71.69 |
| 280 | 1012010 | DISMTL/RMVL WLDED GI PIPE 1" | M | 103.55 |
| 290 | 1020265 | MRS SHIFT/UPGRDE TO DIAPHRAGM/THERMAL | NO | 12,472.31 |
| 300 | 1020266 | MRS SHIFT/UPGRADE TO RPD | NO | 17,483.11 |
| 310 | 1009273 | METER CHECKING BY CHECK METER IN SERIES | NO | 210.16 |
| 320 | 1007202 | MODIFICATION OF OLD TRANSITION FITTINGS | NO | 1,940.49 |
| 330 | 1017357 | TD/ END CAP SER. LINE DOM. (UPTO 32MM) | NO | 1,150.64 |
| 340 | 1017358 | TD/ END CAP OF SER. LINE I&C (UPTO 63MM) | NO | 4,312.20 |
| 350 | 1012027 | SUPPLY RUBBER HOSE WIT CLAMPS -UPTO 1MTR | NO | 79.94 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 360 | 1012028 | SUPPLY RUB HOSE WIT CLAMPS->1.00&=1.5MTR | NO | 88.05 |
| 370 | 1012029 | SERVICE-INST ALL TYP RUBBR HOS WTH CLAMP | NO | 86.24 |
| 380 | 1012030 | CONVERSION LPG TO PNG/PNG TO LPG | NO | 57.50 |
| 390 | 1012031 | DRILLING IN SLAB DURING NG CONVERSION | NO | 435.01 |
| 400 | 1005665 | FLAME PROBLEM | NO | 71.07 |

SERVICE TEXTS FOR ITEM 10

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 20

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"

SERVICE TEXTS FOR ITEM 30

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1"

SERVICE TEXTS FOR ITEM 40

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 50

Supply of GI Pipe/Cu Pipe including Fittings and any other materials required to complete the activities -Copper pipes: 12mm

SERVICE TEXTS FOR ITEM 60

Installation/ Re-installation of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 70

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 80

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 90



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Installation/ Re-installation of GI Pipes : 1" & ABOVE

SERVICE TEXTS FOR ITEM 100

Installation/ Re-installation of Copper Pipe

SERVICE TEXTS FOR ITEM 110

Re-installation of rubber hose, valves and fittings including all accessories on customer/ end user request and store balance material at contractor's store. After completion of contract, return back balance dismantled material to Owners Control room. This includes restoration of holes/pits left out after removal at customer's premises. Contractor shall submit material details & meter reading data to control room immediately after work or as directed by control room in charge. Receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials. All civil works including supply of manpower, materials, finishing, clean up and restoration as defined in technical specification & instruction of EIC.

SERVICE TEXTS FOR ITEM 120

Dismantling/Removal of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 130

DISC/DISMEL/RMVL THREADED GI PIPE 1/2"

SERVICE TEXTS FOR ITEM 140

DISC/DISMEL/RMVL THREADED GI PIPE 3/4"

SERVICE TEXTS FOR ITEM 150

"Disconnection/Dismantling/Removal of Threaded GI pipe & Fittings & Copper Pipes - GI pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 160

DISC/DISMEL/RMVL THREADED CU PIPE

SERVICE TEXTS FOR ITEM 170

Temporary Disconnection/Permanent Disconnection (TD/PD) by using Plug inside Kitchen/out side kitchen and without dismantling of existing pipes.



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

SERVICE TEXTS FOR ITEM 180

"Supply of CS Pipe including forged Fittings and any other materials required to complete the activities - CS pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 190

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 200

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"

SERVICE TEXTS FOR ITEM 210

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 220

Installation of CS pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 230

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 240

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 250

Installation of GI Pipes : 1 1/2" & above

SERVICE TEXTS FOR ITEM 260

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1/2"

SERVICE TEXTS FOR ITEM 270

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 3/4"

SERVICE TEXTS FOR ITEM 280

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1"

SERVICE TEXTS FOR ITEM 290



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps, brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 300

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, WNRF, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps ,brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 310

Attending all complaints like meter running fast, meter check requested by customer. To manage the inventory of free issue material, prepare DPR,MIS as per requirements. Scope includes installing a new calibrated check meter in series with already installed domestic meter at customer's premises by attaching it with anaconda of existing meter and monitoring readings of both by running gas for at least 2 units in presence of customer and TPI. Scope also includes signing of consent, GIRM and related documents by TPI and customers as per the requirement of EIC. Scope includes receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials.

SERVICE TEXTS FOR ITEM 320

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections,modification of GI pipe,Installation of isolation valve (if required), re-testing , commisioning of GI and MDPE pipe,sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required.all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

restoration as defined in technical specification & instruction of EIC. The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 330

Temporary Disconnection/ End Cap of MDPE service pipe line for domestic connection (upto 32mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes, dismantling regulator, shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 340

Temporary Disconnection/ End Cap of MDPE service pipe line for I&C connection (upto 63mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes, dismantling regulator, shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 350

Supply of Reinforced rubber hose with clamps - upto 1.00 mtr

SERVICE TEXTS FOR ITEM 360



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Supply of Reinforced rubber hose with clamps - More than 1.00 mtr & upto 1.50 mtr

SERVICE TEXTS FOR ITEM 370

Service- Installation of all type Reinforced rubber hose with clamps

SERVICE TEXTS FOR ITEM 380

Conversion of Appliance burners from LPG to PNG or PNG to LPG - Hot Plate Burner/Grill/Burner

SERVICE TEXTS FOR ITEM 390

Drill in all type of Slab during NG Conversion

SERVICE TEXTS FOR ITEM 400

RECTIFICATION OF FLAME PROBLEM IN COOKING APPLIANCE IN CASE OF DOMESTIC CUSTOMER. ALL TOOLS & TACKLES ARE UNDER VENDOR'S SCOPE.

SERVICE DETAILS FOR ITEM 00110 - MDPE/Cu/GI-Noida (R)

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 10 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 137.29 |
| 20 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 144.24 |
| 30 | 1011983 | SUPPLY GI PIPE 1" WITH FITTING | M | 198.69 |
| 40 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 253.72 |
| 50 | 1011985 | SUPPLY CU PIPE 12MM WITH FITTINGS | M | 212.60 |
| 60 | 1017350 | INST./ RE-INST. OF GI/CU PIPE UPTO 3 MTR | NO | 790.57 |
| 70 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 265.92 |
| 80 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 265.92 |
| 90 | 1020293 | INSTALL/RE-INSTALL GI PIPES - 1" & ABOVE | M | 287.48 |
| 100 | 1020294 | INSTALL/ RE-INSTALL OF COPPER PIPE | M | 265.92 |
| 110 | 1009242 | RE-INSTALL # AV WITH RUBBER HOSE/IV | NO | 215.61 |
| 120 | 1017351 | DISM./ REMOVAL OF GI/CU PIPE UPTO 3 MTR | NO | 190.46 |
| 130 | 1011982 | DISC/DISMTL/RMVL THREADED GI PIPE 1/2" | M | 64.68 |
| 140 | 1012053 | DISC/DISMTL/RMVL THREADED GI PIPE 3/4" | M | 64.68 |
| 150 | 1020295 | DISMANTLING THREADED GI PIPE 1" & ABOVE | M | 71.87 |
| 160 | 1012054 | DISC/DISMTL/RMVL THREADED CU PIPE | M | 57.50 |
| 170 | 1011991 | TD/PD PLG IN/OUT KTCH W/O DISM EXST PIPE | NO | 215.61 |
| 180 | 1020296 | SUPPLY CS PIPE 1" & ABV (WTH FORGED FITNG) | M | 413.02 |
| 190 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 256.62 |
| 200 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 290.79 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 210 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 349.30 |
| 220 | 1012003 | INSTALLATION OF CS PIPE 1-1/2" & ABOVE | M | 513.44 |
| 230 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 217.51 |
| 240 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 217.51 |
| 250 | 1012007 | INSTALLATION OF GI PIPE 1-1/2" & ABOVE | M | 216.29 |
| 260 | 1012008 | DISMTL/RMVL WLDED GI PIPE 1/2" | M | 67.40 |
| 270 | 1012009 | DISMTL/RMVL WLDED GI PIPE 3/4" | M | 71.69 |
| 280 | 1012010 | DISMTL/RMVL WLDED GI PIPE 1" | M | 103.55 |
| 290 | 1020265 | MRS SHIFT/UPGRDE TO DIAPHRAGM/THERMAL | NO | 12,472.31 |
| 300 | 1020266 | MRS SHIFT/UPGRADE TO RPD | NO | 17,483.11 |
| 310 | 1009273 | METER CHECKING BY CHECK METER IN SERIES | NO | 210.16 |
| 320 | 1007202 | MODIFICATION OF OLD TRANSITION FITTINGS | NO | 1,940.49 |
| 330 | 1017357 | TD/ END CAP SER. LINE DOM. (UPTO 32MM) | NO | 1,150.64 |
| 340 | 1017358 | TD/ END CAP OF SER. LINE I&C (UPTO 63MM) | NO | 4,312.20 |
| 350 | 1012027 | SUPPLY RUBBER HOSE WIT CLAMPS -UPTO 1MTR | NO | 79.94 |
| 360 | 1012028 | SUPPLY RUB HOSE WIT CLAMPS->1.00&=1.5MTR | NO | 88.05 |
| 370 | 1012029 | SERVICE-INST ALL TYP RUBBR HOS WTH CLAMP | NO | 86.24 |
| 380 | 1012030 | CONVERSION LPG TO PNG/PNG TO LPG | NO | 57.50 |
| 390 | 1012031 | DRILLING IN SLAB DURING NG CONVERSION | NO | 435.01 |
| 400 | 1005665 | FLAME PROBLEM | NO | 71.07 |

SERVICE TEXTS FOR ITEM 10

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 20

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"

SERVICE TEXTS FOR ITEM 30

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1"

SERVICE TEXTS FOR ITEM 40

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 50

Supply of GI Pipe/Cu Pipe including Fittings and any other materials required to complete the activities -Copper pipes: 12mm

SERVICE TEXTS FOR ITEM 60



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Installation/ Re-installation of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 70

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 80

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 90

Installation/ Re-installation of GI Pipes : 1" & ABOVE

SERVICE TEXTS FOR ITEM 100

Installation/ Re-installation of Copper Pipe

SERVICE TEXTS FOR ITEM 110

Re-installation of rubber hose, valves and fittings including all accessories on customer/ end user request and store balance material at contractor's store. After completion of contract, return back balance dismantled material to Owners Control room. This includes restoration of holes/pits left out after removal at customer's premises. Contractor shall submit material details & meter reading data to control room immediately after work or as directed by control room in charge. Receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials. All civil works including supply of manpower, materials, finishing, clean up and restoration as defined in technical specification & instruction of EIC.

SERVICE TEXTS FOR ITEM 120

Dismantling/Removal of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 130

DISC/DISMEL/RMVL THREADED GI PIPE 1/2"

SERVICE TEXTS FOR ITEM 140



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

DISC/DISMEL/RMVL THREADED GI PIPE 3/4"

SERVICE TEXTS FOR ITEM 150

"Disconnection/Dismantling/Removal of Threaded GI pipe & Fittings & Copper Pipes - GI pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 160

DISC/DISMEL/RMVL THREADED CU PIPE

SERVICE TEXTS FOR ITEM 170

Temporary Disconnection/Permanent Disconnection (TD/PD) by using Plug inside Kitchen/out side kitchen and without dismantling of existing pipes.

SERVICE TEXTS FOR ITEM 180

"Supply of CS Pipe including forged Fittings and any other materials required to complete the activities - CS pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 190

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 200

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"

SERVICE TEXTS FOR ITEM 210

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 220

Installation of CS pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 230

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 240

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 250



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Installation of GI Pipes : 1 1/2" & above

SERVICE TEXTS FOR ITEM 260

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1/2"

SERVICE TEXTS FOR ITEM 270

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 3/4"

SERVICE TEXTS FOR ITEM 280

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1"

SERVICE TEXTS FOR ITEM 290

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps, brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 300

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, WNRF, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps ,brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 310

Attending all complaints like meter running fast, meter check requested by customer. To manage the inventory of free issue material, prepare DPR,MIS as per requirements. Scope includes installing a new calibrated check meter in series with already installed domestic meter at customer's premises by attaching it with anaconda of existing meter and monitoring readings of both by running gas for at least 2 units in presence of customer and TPI. Scope also includes signing of



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

consent, GIRM and related documents by TPI and customeras per the requirement of EIC. Scope includes receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials.

SERVICE TEXTS FOR ITEM 320

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections,modification of GI pipe,Installation of isolation valve (if required), re-testing , commissioning of GI and MDPE pipe,sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required.all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 330

Temporary Disconnection/ End Cap of MDPE service pipe line for domestic connection (upto 32mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC.Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 340

Temporary Disconnection/ End Cap of MDPE service pipe line for I&C connection (upto 63mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC. The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC. Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 350

Supply of Reinforced rubber hose with clamps - upto 1.00 mtr

SERVICE TEXTS FOR ITEM 360

Supply of Reinforced rubber hose with clamps - More than 1.00 mtr & upto 1.50 mtr

SERVICE TEXTS FOR ITEM 370

Service- Installation of all type Reinforced rubber hose with clamps

SERVICE TEXTS FOR ITEM 380

Conversion of Appliance burners from LPG to PNG or PNG to LPG - Hot Plate Burner/Grill/Burner

SERVICE TEXTS FOR ITEM 390

Drill in all type of Slab during NG Conversion

SERVICE TEXTS FOR ITEM 400

RECTIFICATION OF FLAME PROBLEM IN COOKING APPLIANCE IN CASE OF DOMESTIC CUSTOMER. ALL TOOLS & TACKLES ARE UNDER VENDOR'S SCOPE.

SERVICE DETAILS FOR ITEM 00120 - MDPE/Cu/GI-Gzb (R)

| Item No | Service No | Service Description | Unit | Unit Rate |
|----------------|-------------------|--|-------------|------------------|
| 10 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 137.29 |
| 20 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 144.24 |
| 30 | 1011983 | SUPPLY GI PIPE 1" WITH FITTING | M | 198.69 |
| 40 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 253.72 |
| 50 | 1011985 | SUPPLY CU PIPE 12MM WITH FITTINGS | M | 212.60 |
| 60 | 1017350 | INST./ RE-INST. OF GI/CU PIPE UPTO 3 MTR | NO | 790.57 |



INDRAPIRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

| Item No | Service No | Service Description | Unit | Unit Rate |
|---------|------------|--|------|-----------|
| 70 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 265.92 |
| 80 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 265.92 |
| 90 | 1020293 | INSTALL/RE-INSTALL GI PIPES - 1" & ABOVE | M | 287.48 |
| 100 | 1020294 | INSTALL/ RE-INSTALL OF COPPER PIPE | M | 265.92 |
| 110 | 1009242 | RE-INSTALL # AV WITH RUBBER HOSE/IV | NO | 215.61 |
| 120 | 1017351 | DISM./ REMOVAL OF GI/CU PIPE UPTO 3 MTR | NO | 190.46 |
| 130 | 1011982 | DISC/DISMTL/RMVL THREADED GI PIPE 1/2" | M | 64.68 |
| 140 | 1012053 | DISC/DISMTL/RMVL THREADED GI PIPE 3/4" | M | 64.68 |
| 150 | 1020295 | DISMANTLING THREADED GI PIPE 1" & ABOVE | M | 71.87 |
| 160 | 1012054 | DISC/DISMTL/RMVL THREADED CU PIPE | M | 57.50 |
| 170 | 1011991 | TD/PD PLG IN/OUT KTCH W/O DISM EXST PIPE | NO | 215.61 |
| 180 | 1020296 | SUPPLY CS PIPE 1" & ABV (WTH FORGED FITNG) | M | 413.02 |
| 190 | 1011931 | SUPPLY GI PIPE 1/2" WITH FITTINGS | M | 256.62 |
| 200 | 1011932 | SUPPLY GI PIPE 3/4" WITH FITTINGS | M | 290.79 |
| 210 | 1011984 | SUPPLY GI PIPE 1-1/2" & ABV WITH FITT | M | 349.30 |
| 220 | 1012003 | INSTALLATION OF CS PIPE 1-1/2" & ABOVE | M | 513.44 |
| 230 | 1012004 | INSTALLATION OF GI PIPE 1/2" | M | 217.51 |
| 240 | 1012005 | INSTALLATION OF GI PIPE 3/4" | M | 217.51 |
| 250 | 1012007 | INSTALLATION OF GI PIPE 1-1/2" & ABOVE | M | 216.29 |
| 260 | 1012008 | DISMTL/RMVL WLDED GI PIPE 1/2" | M | 67.40 |
| 270 | 1012009 | DISMTL/RMVL WLDED GI PIPE 3/4" | M | 71.69 |
| 280 | 1012010 | DISMTL/RMVL WLDED GI PIPE 1" | M | 103.55 |
| 290 | 1020265 | MRS SHIFT/UPGRDE TO DIAPHRAGM/THERMAL | NO | 12,472.31 |
| 300 | 1020266 | MRS SHIFT/UPGRADE TO RPD | NO | 17,483.11 |
| 310 | 1009273 | METER CHECKING BY CHECK METER IN SERIES | NO | 210.16 |
| 320 | 1007202 | MODIFICATION OF OLD TRANSITION FITTINGS | NO | 1,940.49 |
| 330 | 1017357 | TD/ END CAP SER. LINE DOM. (UPTO 32MM) | NO | 1,150.64 |
| 340 | 1017358 | TD/ END CAP OF SER. LINE I&C (UPTO 63MM) | NO | 4,312.20 |
| 350 | 1012027 | SUPPLY RUBBER HOSE WIT CLAMPS -UPTO 1MTR | NO | 79.94 |
| 360 | 1012028 | SUPPLY RUB HOSE WIT CLAMPS->1.00=&=1.5MTR | NO | 88.05 |
| 370 | 1012029 | SERVICE-INST ALL TYP RUBBR HOS WTH CLAMP | NO | 86.24 |
| 380 | 1012030 | CONVERSION LPG TO PNG/PNG TO LPG | NO | 57.50 |
| 390 | 1012031 | DRILLING IN SLAB DURING NG CONVERSION | NO | 435.01 |
| 400 | 1005665 | FLAME PROBLEM | NO | 71.07 |

SERVICE TEXTS FOR ITEM 10

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 20

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"



SERVICE TEXTS FOR ITEM 30

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1"

SERVICE TEXTS FOR ITEM 40

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 50

Supply of GI Pipe/Cu Pipe including Fittings and any other materials required to complete the activities -Copper pipes: 12mm

SERVICE TEXTS FOR ITEM 60

Installation/ Re-installation of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 70

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 80

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 90

Installation/ Re-installation of GI Pipes : 1" & ABOVE

SERVICE TEXTS FOR ITEM 100

Installation/ Re-installation of Copper Pipe

SERVICE TEXTS FOR ITEM 110

Re-installation of rubber hose, valves and fittings including all accessories on customer/ end user request and store balance material at contractor's store. After completion of contract, return back balance dismantled material to Owners Control room. This includes restoration of holes/pits left out after removal at customer's premises. Contractor shall submit material details & meter reading data to control room immediately after work or as directed by control room in charge. Receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

insurance cover for the materials. All civil works including supply of manpower, materials, finishing, clean up and restoration as defined in technical specification & instruction of EIC.

SERVICE TEXTS FOR ITEM 120

Dismantling/Removal of GI/Cu pipe upto 3 mtr

SERVICE TEXTS FOR ITEM 130

DISC/DISMEL/RMVL THREADED GI PIPE 1/2"

SERVICE TEXTS FOR ITEM 140

DISC/DISMEL/RMVL THREADED GI PIPE 3/4"

SERVICE TEXTS FOR ITEM 150

"Disconnection/Dismantling/Removal of Threaded GI pipe & Fittings & Copper Pipes - GI pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 160

DISC/DISMEL/RMVL THREADED CU PIPE

SERVICE TEXTS FOR ITEM 170

Temporary Disconnection/Permanent Disconnection (TD/PD) by using Plug inside Kitchen/out side kitchen and without dismantling of existing pipes.

SERVICE TEXTS FOR ITEM 180

"Supply of CS Pipe including forged Fittings and any other materials required to complete the activities - CS pipes: 1"" & above"

SERVICE TEXTS FOR ITEM 190

Supply of GI Pipe including Fittings and any other materials required to complete the activities GI pipes : 1/2"

SERVICE TEXTS FOR ITEM 200

Supply of GI Pipe including Fittings and any other materials required to complete the activities - GI pipes: 3/4"

SERVICE TEXTS FOR ITEM 210



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

Supply of GI Pipe including Fittings and any other materials required to complete the activities -GI pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 220

Installation of CS pipes: 1 1/2" & above

SERVICE TEXTS FOR ITEM 230

Installation of GI Pipes : 1/2"

SERVICE TEXTS FOR ITEM 240

Installation of GI Pipes : 3/4"

SERVICE TEXTS FOR ITEM 250

Installation of GI Pipes : 1 1/2" & above

SERVICE TEXTS FOR ITEM 260

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1/2"

SERVICE TEXTS FOR ITEM 270

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 3/4"

SERVICE TEXTS FOR ITEM 280

Dismantling/Removal of Welded GI pipe & forged Fittings -GI pipe 1"

SERVICE TEXTS FOR ITEM 290

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and associated fittings, pressure gauge, valves, flanges, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps, brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 300

The work includes dismantling the meters and regulators (if any), followed by the replacement or fixing of new meters and regulators with associated inlet and outlet connections and fittings. This will involve the supply of CS pipes (upto 2") and



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

associated fittings, pressure gauge, valves, flanges, WNRF, pipe cutting, threading, welding, purging, testing, painting and securely fixing the components using approved meter clamps, brackets, and other supports, which will be firmly grouted. After the installation, the contractor will restore the area to its original condition, ensuring the work complies with the specified standards. The rates for this scope of work include all tasks mentioned, transportation, loading, unloading, handling of materials from IGL store, control room to site along with testing of joints up until the re-commissioning of the system.

SERVICE TEXTS FOR ITEM 310

Attending all complaints like meter running fast, meter check requested by customer. To manage the inventory of free issue material, prepare DPR,MIS as per requirements. Scope includes installing a new calibrated check meter in series with already installed domestic meter at customer's premises by attaching it with anaconda of existing meter and monitoring readings of both by running gas for at least 2 units in presence of customer and TPI. Scope also includes signing of consent, GIRM and related documents by TPI and customers as per the requirement of EIC. Scope includes receiving, handling, loading, transportation and unloading of owner supplied free issue items from IGL's designated stock yards to work site/Control room/Contractor's own stock-yards. Proper storing, stacking, identification, providing security and insurance cover for the materials.

SERVICE TEXTS FOR ITEM 320

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections,modification of GI pipe,Installation of isolation valve (if required), re-testing , commissioning of GI and MDPE pipe,sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required.all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC.The rate includes liaisoning with statutory bodies also.

SERVICE TEXTS FOR ITEM 330

Temporary Disconnection/ End Cap of MDPE service pipe line for domestic connection (upto 32mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

technical specification & instruction of EIC.Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 340

Temporary Disconnection/ End Cap of MDPE service pipe line for I&C connection (upto 63mm)

Scope includes excavation, breaking any obstructions, Squeezing of MDPE pipe near Transition fittings or as per instruction of EIC and modification/shifting of PE pipes,dismantling regulator,shutdown the riser/individual connections, modification of GI pipe, Installation of isolation valve (if required), saddle cutting (if required), re-testing , commissioning of GI and MDPE pipe, sealing the annulus, firm fixing of the sleeves with concrete mix, preparation of pedestal & restoration of excavated pits within the size of pedestal as defined in technical specification and instruction of EIC.The rate includes liaisoning with statutory bodies if required. all civil works including supply of manpower, materials, excavation of pit including PCC , finishing, clean up and restoration as defined in technical specification & instruction of EIC.Rates are inclusive of liaisoning with statutory authorities, other utility agencies and settlement of 3rd party claims

SERVICE TEXTS FOR ITEM 350

Supply of Reinforced rubber hose with clamps - upto 1.00 mtr

SERVICE TEXTS FOR ITEM 360

Supply of Reinforced rubber hose with clamps - More than 1.00 mtr & upto 1.50 mtr

SERVICE TEXTS FOR ITEM 370

Service- Installation of all type Reinforced rubber hose with clamps

SERVICE TEXTS FOR ITEM 380

Conversion of Appliance burners from LPG to PNG or PNG to LPG - Hot Plate Burner/Grill/Burner

SERVICE TEXTS FOR ITEM 390

Drill in all type of Slab during NG Conversion

SERVICE TEXTS FOR ITEM 400



INDRAPRASTHA GAS LIMITED

Cordant Associates Pvt. Ltd.

Contract No : 7700003846 Date : 14.07.2025

RECTIFICATION OF FLAME PROBLEM IN COOKING APPLIANCE IN CASE OF DOMESTIC CUSTOMER.
ALL TOOLS & TACKLES ARE UNDER VENDOR'S SCOPE.

Yours truly,
For Indraprastha Gas Ltd

Authorised Signatory