



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32



MAHARASHTRA NATURAL GAS LIMITED

(A joint venture of GAIL(India) Ltd & BPCL)


CNG & CITY GAS DISTRIBUTION PROJECT

**Bid document for
Annual Rate Contract for Procurement of Type III / IV
Cylinder Mobile Cascades of 9360 WL Capacity for CNG and
CGD Network of all GAs of MNGL.**

**UNDER OPEN DOMESTIC TENDER CUM REVERSE AUCTION
BIDDING**

(THROUGH E-TENDERING MODE)

Bid Document No.: MNGL/CP/2026-27/32 Dt: 29.04.2026.

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL. Bid No.: MNGL/CP/2026-27/32
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CONTENTS	
SR. NO.	DESCRIPTION
	SECTION I
1.	INVITATION FOR BIDS (IFB)
2.	BIDDERS ELIGIBILITY CRITERIA (BEC) AND BID EVALUATION CRITERIA
	SECTION II
3.	INSTRUCTIONS TO BIDDERS (ITB)
	SECTION III
4.	GENERAL CONDITIONS OF CONTRACT (GCC - GOODS)
5.	FORMS AND FORMATS
	SECTION IV
6.	SPECIAL CONDITIONS OF CONTRACT (SCC)
	SECTION V
7.	REVERSE AUCTION PROCESS
8.	SCHEDULE OF RATES (SOR) – INSTRUCTIONS
	SECTION VI
9.	MATERIAL REQUISITION & TECHNICAL SPECIFICATION




**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
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SECTION I

1. INVITATION FOR BIDS (IFB)

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAS of MNGL. Bid No.: MNGL/CP/2026-27/32
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INVITATION FOR BIDS (IFB)


M/s Maharashtra Natural Gas Ltd., Pune invites online bids (Technical & Financial) **UNDER TWO BID SYSTEM** from eligible bidders for the item(s) in complete accordance with the Bid Documents.

MNGL invites bids through **Online Reverse Auction System** on E-Tender Platform from bidders.

1.0 TENDER INFORMATION

Tender document number	MNGL/CP/2026-27/32 dated 29.04.2026.
Item(s)	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAS of MNGL.
Type of Bid	Open Domestic Tender Cum Reverse Auction Bidding
Time Schedule	As per Scope of Work of tender document
Earnest Money / Bid Security	Rs. 2,00,000/- in the form of eBG / Demand Draft / BG / Online through etender portal. (in favour of "Maharashtra Natural Gas Ltd." payable at Pune)
Bid Security Validity	6 (Six) months from bid due date
Tender Fee (Non-refundable)	Not applicable
Bid Validity	4 (Four) months from the bid due date
Pre-bid meeting date and time	05.05.2026 @ 11:30am Meeting link: https://meet.google.com/frx-vpmq-zwe
Bid Submission at	https://etenders.gov.in
Bid submission due date and time	<u>20.05.2026 till 15:00 Hrs. IST</u>
Techno-commercial bid opening date and time	21.05.2026 at 16:00 Hrs. IST
Price bid opening date and time	Date and time shall be intimated later
Reverse Auction date and time	Date and time shall be intimated later
Address for submission of EMD/Bid Security and venue for pre-bid meeting and opening of bids	Deputy Manager (C&P) Maharashtra Natural Gas Limited, Pride Purple Coronet, 2 nd Floor, Baner Road, Baner, Pune – 411045
Contact details	Telephone: +91 (20) 2561 1157 / 1190 Email: balakrishna.thatikonda@mngl.in / gasaid@mngl.in
Bidders Eligibility Criteria and Bid Evaluation Criteria	As per Annexure – I to IFB

NOTE: Bidders are advised to complete the registration with e-tender portal (<https://etenders.gov.in>) at least two working days prior to bid submission date.

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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Please note that in accordance with the general conditions of tender, MNGL may amend these dates of the tender process at its sole discretion. In case any of the specified dates are declared a public holiday, the deadline shall be the next working date.

2.0 BIDDING PROCEDURE

Bidding will be conducted through Open Domestic Tendering. Single Stage Two Bid system is adopted for this tender. The submission and opening of bids will be through e-tendering mode at <https://etenders.gov.in/eprocure/app>. Tender document can be downloaded from the website <https://etenders.gov.in/eprocure/app> or from e-tender link given on official MNGL website www.mngl.in.

Note: To participate in the e-tendering, it is mandatory for the bidders to have user ID & password. For this purpose, the bidder has to register itself on CPPP's website <https://etenders.gov.in/eprocure/app>. Please also note that the bidder has to obtain digital signature token for applying in the tender and in general, activation of registration may take 24 hours subject to the submission of all requisite documents required in the process.

Note: MNGL in no way shall be responsible if the bidder fails to apply due to non-possession of Digital Signature & non-registration.

(The bids have to be submitted online in electronic form on <https://etenders.gov.in/eprocure/app> only. No physical bids will be accepted.)

3.0 DOWNLOADING OF TENDER DOCUMENT

The tender document is available for downloading from CPPP's e-tendering website <https://etenders.gov.in/eprocure/app> or from e-tender link given on official MNGL website www.mngl.in for viewing / participation of the eligible bidders. Bidders meeting the bid evaluation criteria who intend to submit their bid may download the tender for submission by the bid due date and time. Bidder shall give an undertaking on his letter head that the contents of the bidding document have not been altered or modified. Bid evaluation criteria shall be applicable for all the bidders.

Disclaimer clause: Bidders are advised to visit CPPP's e-tendering website and MNGL website regularly for any updates on the tender. The ignorance to visit the website will not be accepted as a reason for any gap / missing information like corrigenda, amendments, clarifications etc.

4.0 PRE-BID MEETING

The bidder(s) or their designated representatives, who have downloaded the bid document, or to whom tender document has been issued and intend to bid are invited to attend the pre-bid meeting. Bidder(s) queries if any, must reach Purchaser office at least one day prior to pre-bid meeting date. The pre bid meeting can be organized through video conferencing or physically. In case of physical meeting, the venue of pre bid meeting is MNGL office at Pride Purple Coronet, 2nd Floor, Baner Road, Baner, Pune – 411045.

Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder. Corrigendum / addendum, if any, to the tender document, shall be hosted on the website subsequent to the pre-bid meeting.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Bidders may also note that the registration process for new bidders on e-tender portal shall take a minimum of 24 hrs. Hence, bidders are advised to kindly complete their registration on e-tender portal well in advance of the pre-bid meeting.

In case of pre-bid meeting through video conferencing, Link shall be sent to all the interested bidders by the purchaser.

Instructions to bidders for Pre-bid meeting through video conferencing: All bidders intending to attend pre-bid meeting must send their interest through email (at least 2 hours prior to the scheduled time of pre-bid meeting) to the purchaser. E-mail received from bidders within specified timeline shall be invited through email to attend the meeting.

Advisories for the bidders attending the pre-bid meeting:

(1) All the Bidders who have submitted their registration details and interest to attend the pre-bid meeting will be invited to join as guests through the link shared in mail.

(2) All bidders/participants mandatorily have to pin MNGL screen on their computer screens during the pre-bid meeting.

(3) Bidders shall be allowed to discuss their queries in sequence of their responses received.

(4) Time slot shall be allotted to each bidder to ask his queries.

(5) Recording of the pre-bid meeting by the bidders is strictly prohibited. Subsequent to pre-bid meeting, corrigendum shall be issued by the purchaser regarding clarifications or queries raised during meeting.

5.0 OTHERS

5.1 Bid Document is non-transferable.

5.2 Bids complete in all respects should reach on or before the BID DUE DATE AND TIME. Bids through Fax/ E-mail shall not be considered.

5.3 The Bid Document calls for offers on single point "Sole Bidder" responsibility basis. Order will be placed on the "Sole Bidder" alone (in whose name the bid document has been issued) who will be responsible for all contractual purposes. Further the bidders are advised to ensure that their offer is on single bidder responsibility basis and in total compliance of scope of supply as specified in Bid Document.

5.4 The bid should be prepared by the "Sole Bidder" and should be sent to MNGL directly. MNGL reserve the right to reject offers made by intermediaries' representatives.

5.5 Bidder shall ensure that Bid Security having a validity of 06 (Six) months from the bid due date, must accompany the offer in the format made available in the Bid Document.

5.6 This Invitation for Bids (IFB) is an integral and inseparable part of the enclosed Bid Document.

5.7 MNGL reserves the right to accept or reject any or all offers without assigning any reason, whatsoever.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

5.8 ZERO DEVIATION TENDER

Bidder shall note that if any deviations are taken to the under mentioned provisions of bid documents by the bidder the bid is liable to be rejected: -

- i) Do not meet BEC Criteria
- ii) Bid Security
- iii) Performance Security (Contract Performance Bank Guarantee) – As specified in GCC
- iv) Delivery Period
- v) Terms of Payment
- vi) Force Majeure
- vii) Resolution of Dispute / Arbitration
- viii) Termination of Contract,
- ix) Warranty and Guarantee
- x) Offer not submitted for complete scope of work
- xi) Firm prices
- xii) Prices not quoted as per Schedule of Rates formats.
- xiii) The Bidder is not put on Black / holiday list by MNGL / MoP&NG / Oil Public Sector Enterprise(s).
- xiv) Bidder is under liquidation.
- xv) Bids not conforming to technical specification/requirements.
- xvi) Any other such provisions if specifically stipulated elsewhere in the Bid Document.
- xvii) Price Reduction Schedule.

However, MNGL reserve the right to request the bidder to withdraw the deviations against above-mentioned provisions of Bid Documents.

THIS IS NOT AN ORDER

Yours faithfully,
for Maharashtra Natural Gas Limited, Pune

Balakrishna Thatikonda
Deputy Manager (C&P)

Note: Please confirm your intention to quote or not within 5 (Five) days. In case not intending to quote then please give your valuable feedback to us.



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GAS LIMITED**

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IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
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Bid No.: MNGL/CP/2026-27/32

SECTION I
2. BIDDERS ELIGIBILITY CRITERIA (BEC)
AND
BID EVALUATION CRITERIA
(ANNEXURE - I to IFB)



**MAHARASHTRA NATURAL
GAS LIMITED**

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Bid No.: MNGL/CP/2026-27/32

ANNEXURE-I to IFB

BIDDER'S ELIGIBILITY CRITERIA (BEC) AND BID EVALUATION CRITERIA

1. Brief Project Details

Maharashtra Natural Gas Limited (**MNGL**) is a joint venture company of M/s. GAIL (India) Limited & M/s. Bharat Petroleum Corporation Limited (BPCL). MNGL has been set up to distribute natural gas for household / commercial sectors including setting up CNG filling stations for vehicle in Pune, Nashik-Dhule, Buldana-Nanded-Parbhani & Sindhudurg Geographical Areas in Maharashtra, Ramanagara in Karnataka and Nizamabad-Adilabad-Nirmal-Mancherial-Kumuram Bheem Asifabad-Kamareddy in Telangana.

2. Brief Scope and Quantity of Supply:

This tender deals with Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

The requirement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for all GAs of MNGL is as under:

Sr. No.	Item Description	Unit	Qty
1	Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity	Nos	168

3. Bidder's Eligibility Criteria (BEC):

The following are the BEC parameters: -

A. BEC – Technical:

A.1 Bidder shall be a Manufacturer or authorized domestic dealer / distributor.

Domestic Manufacturer or an authorized Indian dealer/ Indian distributor of a manufacturer shall be eligible to bid subject to the following conditions. The bidder must be either of the following.

The roles and responsibility of the respective bidders are enumerated as under:

- An Indian Manufacturer or
- An Authorized dealer/ distributor of Manufacturer of CNG Cascades / Multiple Element Gas Cylinder (MEGC).

Note(s):

- The bids can be submitted by either of those as mentioned above.
- In case the bidder is an Authorized dealer/ Distributor, Bidder must be having a business association as on the due date of tender, with the manufacturer of whom the CNG Cascade / MEGC will be offered.



**MAHARASHTRA NATURAL
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Bid No.: MNGL/CP/2026-27/32

Apart from the appointment letter / agreement authorizing them to market their product, the bidder shall be required to submit an authority letter specific to this tender from the Manufacturer. The authorization letter should be signed by the Authorized Signatory of the Manufacturer Organization. Offers without the authority letter requisite authority from the Cascade manufacturer shall be liable for rejection. The Manufacturer should confirm the responsibility and accountability for providing all the technical and other support to the bidder for executing the entire tender scope throughout the period of supply contract.

A manufacturer can authorize only one authorized dealer / distributor for a lot. Further, an authorized dealer / distributor shall offer product of One manufacturer of the CNG Cascade.

Either Manufacturer or their dealer / Distributor only can quote.

JV / Consortium bids will not be accepted (i.e. Qualification on the strength of the JV Partners / Consortium Members will not be accepted)

Documents required:

1.A If the bidder is a Domestic Manufacturer:

- i. Valid PESO approval document of the offered cylinders.

1.B If the bidder is an Authorized dealer / distributor:

- i. The bidder should submit Appointment letter from the Manufacturer authorizing them to market their product.
- ii. The bidder should submit an Authority Letter issued by the Manufacturer.
- iii. The documents of the Manufacturer as specified in above mentioned point no. 1.A.
- iv. Back-to-back guarantee (specific to the tender on Manufacturer's company letter head) should be issued by the Manufacturer stating that the Manufacturer shall fulfil the contractual obligations for supply and warranty of the tendered item in case of failure of the bidder.
- v. The Manufacturer and the bidder shall indemnify, defend and hold harmless MNGL in case of any dispute due to whatsoever reason between the Manufacturer and the bidder for matters pertaining to subject Tender/ Contract.
- vi. Copy of Agreement mutually binding the Manufacturer and the bidder, which is duly signed by the respective Authorized Signatories.

Note(s):

All the above documents should be valid as on due date of tender. In case of expiry of the validity of such documents, it is bidder's responsibility to renew the validity well in



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Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

time to ensure continuity of validity till the contractual period. The documents should be signed by authorized signatory.

The authorized signatory shall be:

- (a) Proprietor in case of proprietary concern.
- (b) Authorized partner in case of partnership firm.
- (c) Director, in case of a limited Company who is duly authorized by the board of directors to sign.

If for any reason, the proprietor or the authorized partner or director as the case may be are unable to sign the document, the said document should be signed by the constituted attorney having full authority to sign the document and copy of such authority letter / board resolution as also the power of attorney, duly signed in the presence of a Notary public should be submitted online with the bid.

A.2 SUPPLYING CAPABILITY:

The bidder should have supplied anywhere in the world following minimum number of CNG Cascades of Type III / IV in the last 7 years reckoned from the final bid due date as mentioned below:

Sr. No.	Item Description	Type	CNG Cascades of Type III / IV
1	CNG Cascades – 9360 WL Capacity (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL)	Type III / IV	50 Nos. CNG Stationary / Mobile Cascade of Type III / IV 9360 WL Capacity (-6 %) or more capacity.

Documents required:

- a. Copies of Purchase Order (PO) / Work Order (WO)
- b. Copy of Invoices / Client's Completion Certificate specifying the above supplies.


Note:

In case, bidder is an authorized dealer / distributor, then they may use the credentials of the Manufacturer (whose product is being offered in the tender) to qualify the supplying capability criteria. They shall submit documents as per 1(A) and 1(B) for evaluation in the name of the Manufacturer.

Evaluation against the Supplying Capability criteria shall be based on the credentials of either the manufacturer or the bidder (authorized dealer / distributor) and not both.

To meet the technical qualification criteria as stated above, bidder shall provide documentary evidence specified above in support of his claim.

In absence of requisite documents, MNGL reserves the right to reject the bid without making any reference to the bidder.

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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B. BEC – Financial:

B.1 Turnover:

The bidder should have achieved a **minimum annual turnover of Rs. 4360 Lakhs** in any one of the last 03 (Three) audited financial years i.e. **2023-24, 2024-25 and 2025-26.**

B.2 Net worth:

Net worth must be positive as per the last audited financial statement i.e. for the year **2025-26.**

B.3 Working Capital:

The bidder should have a **minimum working capital of Rs. 872 Lakhs** as per the latest audited balance sheet i.e. for the year **2025-26.**

If the bidder's working capital is inadequate, the bidder should supplement this with a letter from the bidder's bank, having a net worth of not less than Rs. 100 crores, confirming the availability of a line of credit to cover the inadequacy of the previous year and meet the current working capital requirement.

Bidder must submit documentary evidence such as balance sheet & Profit & Loss A/c Statement for the last three audited financial years i.e. 2023-24, 2024-25 and 2025-26 in support of the above.

If the audited financial results of the immediately preceding financial year i.e. 2025-26 are not available, then the audited financial results of the year immediately prior to 2025-26 i.e. 2024-25 shall be considered for calculation of Net Worth and Working Capital and Audited Financial Results of the year 2022-23, 2023-24 & 2024-25 shall be considered for calculation of Annual Turnover as specified in Clause B of BEC-Financial Criteria.

In the absence of requisite documents, MNGL reserves the right to reject the bid without making any reference to the bidder.

4. Evaluation and Award of Work:

4.1 Evaluation shall be done on “Lowest Cost per Water Liter Capacity” basis to the Purchaser (including all the taxes and duties).

Note: In case of tie in more than one bidder, the inter-se ranking shall be done based on the highest turnover in any one of the preceding 03 (Three) financial years i.e. 2023-24, 2024-25 and 2025-26 amongst the bidders.

4.2 Further, it is intended to award this job to 02 (Two) parties at L1 rate in the ratio of 60% (L1) : 40% (L2), only if the number of qualified bidders are more than 02 (Two). Otherwise, 100% quantity shall be awarded to L1 bidder.

In order to do so, the L2 bidder shall be asked to match the Cost per Water Liter Capacity of L1 bidder. In case L2 bidder fails to match the Cost per Water Liter Capacity of L1 bidder, an opportunity shall be given to L3, L4, L5 bidders and so on to



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GASs of MNGL.

Bid No.: MNGL/CP/2026-27/32

match the Cost per Water Liter Capacity of the L1 bidder and order shall be placed accordingly.

In case of 2 parties, award shall be made in the **ratio of approx. 60%:40% i.e. 101 Nos. of Type III or IV Cylinder Mobile Cascades to L1 bidder and 67 Nos. of Type III or IV Cylinder Mobile Cascades to L2 bidder.**

In case none of the bidder agrees to match L1 rate, **the entire quantity shall be awarded to L1 bidder i.e. 168 Nos. of Type III or IV Cylinder Mobile Cascades to L1 bidder.**



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION II

3. INSTRUCTION TO BIDDERS (ITB)



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

CONTENTS

(INSTRUCTION FOR ONLINE BID SUBMISSION)

- A. General
 - 1. Scope of Bid
 - 2. Eligible Bidders
 - 3. Bid Evaluation Criteria
 - 4. Bids from Consortium
 - 5. One Bid per Bidder
 - 6. Cost of Bidding
 - 7. Site Visit
- B. Bidding Documents
 - 8. Content of Bidding Documents
 - 9. Clarification of Bidding Documents
 - 10. Amendment of Bidding Documents
- C. Preparation of Bids
 - 11. Language of Bid
 - 12. Documents Comprising the Bid
 - 13. Bid Prices
 - 14. Bid Currencies
 - 15. Bid Validity
 - 16. Bid Security
 - 17. Pre-Bid Meeting
 - 18. Format and Signing of Bid
 - 19. Zero Deviation
 - 20. Mode of Payment
 - 21. Agent/ Consultant/ Representative/ Retainer/ Associate
- D. Submission of Bids
 - 22. Deadline for Submission of Bids
 - 23. Late Bids
 - 24. Modification and Withdrawal of Bids
- E. Bid Opening and Evaluation
 - 25. Bid Opening
 - 26. Process to be Confidential
 - 27. Contacting the Employer
 - 28. Examination of bids and Determination of Responsiveness
 - 29. Opening of Price Bids
 - 30. Correction of Errors
 - 31. Conversion to Single Currency for Comparison of Bids
 - 32. Evaluation and Comparison of Bids
 - 33. Preference for Domestic bidders
 - 34. Purchase Preference
 - 35. Compensation of Extended Stay – **Not Applicable**
- F. Award of Contract
 - 36. Award
 - 37. Employer's Right to accept any bid and to reject any or all Bids



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

38. Notification of Award
39. Signing of Agreement
40. Contract Performance Security
41. Corrupt or Fraudulent Practices
42. Failure by the contractor to comply with the provisions of the contract
43. Termination of contract
44. Additions to GCC
45. Procurement From a Bidder Which Shares a Land Border With INDIA



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

INSTRUCTIONS TO BIDDERS

INSTRUCTION FOR ONLINE BID SUBMISSION


The bidders are required to submit soft copies of their bids electronically on the Central Public Procurement (CPP) Portal i.e. <http://etenders.gov.in/eprocure/app>, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

REGISTRATION

- (i) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link "Online Bidder Enrolment" option available on the home page. **Enrolment on the CPP Portal is free of charge.**
- (ii) During enrolment/ registration, the bidders should provide the correct / true information including valid email-id & mobile no. All the correspondence shall be made directly with the contractors / bidders through email-id provided.
- (iii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- (iv) For e-tendering, possession of valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) is mandatory which can be obtained from SIFY /nCode/eMudra or any Certifying Authority recognized by CCA India on eToken/ SmartCard.
- (v) Upon enrolment on CPP Portal for e-tendering, the bidders shall register their valid Digital Signature Certificate with their profile.
- (vi) Only one valid DSC should be registered by a bidder. Bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse and should ensure safety of the same.
- (vii) Bidders can then log into the site through the secured login by entering their user ID/ password and the password of the DSC/ eToken.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords, etc., to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS:

- (i) For preparation of bid, Bidders shall search the tender from published tender list available on site and download the complete tender document and should take into account corrigendum if any published before submitting their bids.

After selecting the tender document same shall be moved to the 'My favourite' folder of bidders account from where bidder can view all the details of the tender document.

- (ii) Bidder shall go through the tender document carefully to understand the documents required to be submitted as part of the bid. Bidders shall note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- (iii) Any pre-bid clarifications if required, then same may be obtained online through the tender site, or through the contact details given in the tender document.
- (iv) Bidders should get ready in advance the bid documents in the required format (PDF/xls/rar/dwf/jpg formats) to be submitted as indicated in the tender document/schedule. **Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.**
- (v) Bidders can update well in advance, the documents such as experience certificates, annual report, PAN, EPF & other details etc., under "My Space/ Other Important Document" option, which can be submitted as per tender requirements. This will facilitate the bid submission process faster by reducing upload time of bids.

SUBMISSION OF BIDS:

- (i) Bidder should log into the site well in advance for bid submission so that he/ she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay.
- (ii) Bidder should prepare the EMD as per the instructions specified in the NIT/ tender document. The details of the DD/BG/others physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.
- (iii) While submitting the bids online, the bidder shall read the terms & conditions (of CPP portal) and accepts the same in order to proceed further to submit their bid.
- (iv) Bidders shall select the payment option as offline to pay the EMD and enter details of the DD/BG/others.
- (v) Bidder shall digitally sign and upload the required bid documents one by one as indicated in the tender document.
- (vi) Bidders shall note that the very act of using DSC for downloading the tender document and uploading their offers is deemed to be a confirmation that they have read all



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

sections and pages of the tender document without any exception and have understood the complete tender document and are clear about the requirements of the tender document.

- (vii) Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. For the file size of less than 1 MB, the transaction uploading time will be very fast.
- (viii) If price quotes are required in XLS format, utmost care shall be taken for uploading Schedule of quantities & Prices and any change/ modification of the price schedule shall render it unfit for bidding.

Bidders shall download the Schedule of Quantities & Prices i.e. Schedule of Rates, in XLS format and save it without changing the name of the file. Bidder shall quote their rate in figures in the appropriate cells, thereafter, save and upload the file in financial bid cover (Price bid) only.

If the template of Schedule of Quantities & Prices file is found to be modified/corrupted in the eventuality by the bidder, the bid will be rejected and further dealt as per provision of clause no 16.0 of ITB including forfeiture of EMD.

The bidders are cautioned that uploading of financial bid elsewhere i.e. other than in cover 2 will result in rejection of the tender.

- (ix) Bidders shall submit their bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). **The TIA will not be held responsible for any sort of delay, or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.**
- (x) After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the bidders shall **take print out of system generated acknowledgement** number and keep it as a record of evidence for online submission of bid, which will also act as an entry pass to participate in the bid opening.
- (xi) Bidders should follow the server time being displayed on bidder’s dashboard at the top of the tender site, which shall be considered valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system.
- (xii) All the documents being submitted by the bidders would be encrypted using PKI (Public Key Infrastructure) encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology.




**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

ASSISTANCE TO BIDDERS:

- (i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contract person indicated in the tender.
- (ii) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24X7 CPP Portal Helpdesk. The 24 x 7 Help Desk Number 0120-4001002, 0120-6277787 and 0120-4001005. The helpdesk email id is support-eproc@nic.in

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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A: GENERAL

1. Scope of Bid

- 1.1 The Purchaser as defined in the General Conditions of Contract, hereinafter "the Purchaser" wishes to receive bids through e-tendering mode for the supply of goods as described in Section-IV, Special Condition of Contract.
- 1.2 The successful bidder will be expected to complete the Scope of supply within the period stated in IFB.
- 1.3 Throughout these bidding documents, the terms "bid" and "tender" and their derivatives ("bidder/tenderer", "bid/tendered", "bidding/ tendering", etc.) are synonymous, and day means calendar day. Singular also means plural.

2. Eligible Bidder

- 2.1 Bidders shall, as part of their bid, submit a written power of attorney, authorizing the signatory of the bid to bind the bidder.
- 2.2 This Invitation for Bids is open to any bidder and to pre-qualified bidders in case of limited tender.
- 2.3 Bidders should not be associated or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of the goods to be purchased under this Invitation for Bids.
- 2.4 The bid should be from actual manufacturers.
- 2.5 The bidder shall not be under a declaration of ineligibility by Purchaser for corrupt or fraudulent practices as defined in ITB.
- 2.6 While evaluating the bids, pursuant to Bid Evaluation Criteria as specified in the Global notice of IFB, bidders past performance shall also be assessed *for* ascertaining the responsiveness of the bid. In such a case the decision of Purchaser shall be final and binding on the bidder.
- 2.7 The Bidder is not put on Black / holiday list by MNGL/MoP&NG/Oil Public Sector Enterprise(s).

3. Bid Evaluation Criteria: -

- 3.1 **Technical Experience Criteria - As per Annexure – I of IFB.**
- 3.2 **Financial - As per Annexure – I of IFB**

4. VOID



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

5. One Bid per Bidder

5.1 A firm shall submit only one bid in the same bidding process. A bidder who submits or participates in more than one bid will cause all the proposals in which the bidder has participated to be disqualified.

5.2 More than one bid means bid(s) by bidder(s) having same Proprietor / Partners / Limited Liability Partner in any other bidder(s). Further, more than one bids shall also include two or more bidders having common power of attorney holder.

Failure to comply this clause during tendering process will disqualify all such bidders from process of evaluation of bids.

5.3 Alternative Bids shall not be considered.

5.4 The provisions mentioned at Sl. No. 5.1 and 5.2 shall not be applicable wherein bidders are quoting for different Items / Sections / Parts / Groups / SOR items of the same tender which specifies evaluation on Items / Sections / Parts / Groups / SOR items basis.

6. Cost of Bidding

6.1 The bidder shall bear all costs associated with the preparation and submission of the bid, and MNGL will in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

7. Site Visit

7.1 The bidder may visit and examine the site of works and its surroundings and obtain for himself on his own responsibility, all information that may be necessary for preparation of the bid and entering into contract. The cost of visiting the site shall be at bidder's own expenses.

7.2 The bidder or any of its personnel or agents will be granted permission by the Purchaser to enter upon its premises and land for the purpose of such visits, but only upon the express condition that the bidder, its personnel, and agents will release and indemnify the Purchaser and its personnel and agents from and against all liabilities in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any loss, damage, costs, and expenses incurred as a result of the inspection.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

B. BIDDING DOCUMENTS

8. Content of Bidding Document

- 8.1 The Bidding Documents/ Tender Documents are those stated below and should be read in conjunction with any addenda issued in accordance with ITB Clause 10.
- 8.2 The bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. The Invitation for Bids (IFB) together with all its attachments thereto, shall be considered to be read, understood and accepted by the bidders. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at bidder's risk and may result in the rejection of his bid.

9. Clarification of Bidding Documents

- 9.1 A prospective Bidder requiring any clarification of the bid documents may notify the Owner and / or the Consultant as the case may be, in writing or by cable (hereinafter, the term 'cable' is deemed to include electronic mail and facsimile) at the address indicated in the tender. The Owner / Consultant will respond in writing to any request for clarification of the bid documents which it receives after issue of the bid documents but prior to at least one (01) working day before the pre-bid meeting date. Owner will not entertain any queries received after 1800 HRS post one (1) day of pre-bid meeting. Written copies of the Owner's/ Consultant's response (including an explanation of the query but without identifying the source of inquiry) will be hosted on CPPP's e-procurement website <https://etenders.gov.in> and MNGL website along with the corrigendum before the bid due date. All such clarifications issued shall deem to form a part and parcel of the Bid documents.

Any Clarification or information required-by the bidder but same not received by the Employer, one (01) working day prior to the pre-bid meeting date, the same is liable to be considered as no clarification/information required.

10. Amendment of Bidding Documents

- 10.1 At any time prior to the bid due date, the PURCHASER may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents, by issuing addenda.
- 10.2 Any addendum /corrigendum/ clarifications to bidders query thus issued shall be part of the bidding documents pursuant to ITB Clause- 8.0 and shall be hosted on the on website www.mngl.in and CPPP's e-tendering website before bid due date. All the prospective bidders who have attended the Pre-Bid meeting/ submitted bid document fee, shall be informed by email/ post about the addendum/ corrigendum/ clarifications to bidders query for their reference. Bidders desirous to submit its bid have to take into consideration of all the addendum(s)/ corrigendum (s)/ clarifications to bidders query hosted on the above websites before submitting the bid.
- 10.3 Bidders are advised to visit MNGL's websites and CPPP's e-tendering website from time to time to get updated information / documents.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 10.4 In case of any inconsistency between an addendum and this tender document, the addendum shall prevail and in similar case between two or more addenda, the last issued addendum shall prevail.
- 10.5 The Purchaser may, at its discretion, extend the bid due date in order to allow prospective bidders, a reasonable time to furnish their most competitive bid taking into account the addenda / corrigenda issued.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

C. PREPARATION OF BIDS

11. Language of Bid

- 11.1 The bid prepared by the bidder and all-correspondence/drawings and documents relating to the bid exchanged by bidder and MNGL shall be written in English language. Any printed literature furnished by the bidder may be written in another language so long as accompanied by an ENGLISH translation duly authenticated by the chamber of commerce of Bidders country, in which case, for the purpose of interpretation of the bid, the ENGLISH translation shall govern. Metric measurement system shall be applied.

12. Documents Comprising the Bid

- 12.1 The bid prepared by the bidder shall comprise of the following components that are required to be provided on the e-tendering portal:

12.1.1 Technical cover:

Scanned documents (duly signed by the authorized signatory) to be uploaded by the bidder on the portal as per list below:

- i) EMD/Bid Security payment details.
- ii) Duly Signed and Stamped BIDDERS ELIGIBILITY CRITERIA and BID EVALUATION CRITERIA (Annexure-I to IFB)
- iii) Documents for qualification of BEC - Technical.
- iv) Documents for qualification of BEC - Financial.
- v) Line of credit for Negative Working Capital.
- vi) Duly filled, signed and stamped Forms and Formats.
- vii) Power of Attorney in favour of person(s) signing the bid on non-judicial stamp paper of appropriate value.
- ix) Addendum, Corrigendum and Other Documents if any.
- x) Copy of GST Certificate and PAN Card.
- xi) Cancelled Cheque / Bank Mandate.
- xii) Duly signed and stamped copy of Schedule of Rates (SOR) Instructions.

12.1.2 Financial cover:

Price bid SOR as per prescribed format (xls) on the e-tender portal.

IMPORTANT NOTE: Bidders are cautioned that uploading of financial bid elsewhere i.e. other than in financial cover will result in rejection of the bid.

- 12.2 All the documents submitted shall be duly signed and stamped on each page by the bidder or an authorized signatory of the bidder.
- 12.3 Bidders are advised to submit quotations based strictly on the terms and conditions and specifications contained in the bid document and not stipulate any deviations. Should it, however, become unavoidable, deviations should be stipulated only in the prescribed Pro forma. Owner reserves the right to evaluate quotations containing deviations having financial implications after adding the cost for such deviations as determined by Owner.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 12.4 Original schedule of rates duly filled in shall not contain any condition whatsoever. Any condition given in this part shall not be considered and shall render the offer liable for rejection.
- 12.5 All signatures in bids shall be dated, as well as all pages of bids shall be initialed at lower right-hand corner by the Bidder or by a person holding power of attorney authorizing him to sign on behalf of the bidder before the submission of bids.
- 12.6 The Bidder's bid is central to the evaluation and selection process. Therefore, it is important that the Bidder carefully prepares the bid and answers all questions completely. Missing information and vague answers may delay the evaluation of a bid and may impair the Bidder's chances of success.
- 12.7 Information received by Purchaser from the Bidder will be disclosed to Purchaser's employees and/or advisers or external consultants for the purpose of evaluating the bid response.

13. Bid Prices

- 13.1 The Bidder shall indicate in the appropriate Price Schedule, the unit prices (where applicable) and total price of the services / works it proposes to execute under the contract. If quoted in separate sheets and any variation in item description, unit or quantity is noticed, the bid is liable to be rejected.
- 13.2 Prices quoted by the bidder, shall remain firm, fixed and valid until completion of the contract and will not be subjected to any variation, except statutory variation (as specified in tender document) or provision for price variation in the tender document.
- 13.3 All corrections and alterations in the entries shall be signed in full by the bidder with date. No erasures or over-writings are permissible in the submitted documents.
- 13.4 Bidder shall quote the all-inclusive prices as per scope of work and SOR, taking into consideration applicable GST, overheads and if applicable, all provision of safety gadgets to their personnel, cost of material as per scope of work, transportation, conveyance, trainings, recruitments, communication charges, cost for providing tools & tackles, equipment, machineries, minimum spares, etc. and nothing extra shall be payable by the Purchaser.
- 13.5 Bid prices must be arrived at without agreement with any other Bidder of this tender for the purpose of restricting competition. Prices quoted by the Bidder must not be disclosed to any other Bidder of this tender. Bidder must not attempt to induce any other Bidder to submit or not submit a bid for restricting competition.
- 13.6 Alternative bids shall not be considered.
- 13.7 Conditional discount, if offered, shall not be considered for evaluation.
- 13.8 The bidder shall have to raise the Cenvatable invoice.

14. Bid Currencies

Bidders shall submit their bids in Indian Rupees only.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

15. Bid Validity

15.1 Bids shall be kept valid for 4 (Four) months from the final bid due date.

15.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing or by fax / e-mail. A bidder may refuse the request without forfeiture of his bid security, A bidder agreeing to the request will not be required or permitted to modify his bid but will be required to extend the validity of its bid security for the period of the extension and in accordance with Clause 16 in all respects.

16. Bid Security

16.1 The bidder shall furnish, as part of his bid, bid security in the amount specified in the Invitation for Bids (IFB).

16.2 The bid security is required to protect MNGL against the risk of bidder's conduct which would warrant the security's forfeiture, pursuant to Clause-16.7

16.3 VOID

16.4 Any bid not secured in accordance with Clause-16.1 may be rejected by MNGL as nonresponsive.

16.5 Unsuccessful bidder's bid security will be discharged/ returned as promptly as possible after award of contract and signing of agreement.

16.6 The successful bidder's bid security will be discharged upon the bidder's accepting the award & signing the Agreement, pursuant to Clause-39 and furnishing the Contract Performance Security pursuant to Clause-40.

16.7 The bid security may be forfeited:

- a) If a bidder withdraws his bid during the period of bid validity.
- b) in the case of a successful bidder, if the bidder fails:
 - i) to accept the Notification of Award/Service Order (SO) or
 - ii) to furnish Contract Performance Security in accordance with Clause-40.
 - iii) to accept arithmetical corrections,
- c) If the Bidder changes the proposed manufacturer after submission of his bid.

16.8 Bid Security should be in favour of Maharashtra Natural Gas Limited and addressed to MNGL. In case Bid Security is in the form of Bank Guarantee or Letter of Credit, the same must indicate the Bid Document and the work for which the bidder is quoting. This is essential to have proper co-relation at a later date. The Bid Security shall be in the form provided at F-4 (Bank Guarantee).

16.9 The Indian / Domestic firms registered with NSIC/MSME, under its single point registration scheme are exempted from furnishing Tender Fee & Bid Security, provided they are registered for the items / work they intend to quote and subject to their enclosing with their bid a copy of latest and current registration certificate.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

17. Pre-Bid Meeting – As per IFB

- 17.1 The bidder(s) or his designated representative, who have purchased bid document, are invited to attend a pre-bid meeting which will take place as indicated in IFB
- 17.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 17.3 Text of the questions raised and the responses given, together with any responses prepared after the meeting, will be transmitted without delay (without identifying the sources of the question) to all purchasers of the bidding documents. Any modification of the bidding documents listed in ITB Sub-Clause 8.1 that may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 10 and not through the minutes of the pre-bid meeting.
- 17.4 Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder.

18. Format and Signing of Bid

- 18.1 The original of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the bidder. The name and position held by each person signing, must be typed or printed below the signature. All pages of the bid except for unamended printed literature where entries or amendments have been made shall be initialed by the person or persons signing the bid.
- 18.2 The bid shall contain no alterations, omissions, or additions, unless such corrections are initialed by the person or persons signing the bid.

19. Zero Deviation

- 19.1 Bidders shall note that if any deviation are taken to the under mentioned provisions of Bid Document by the Bidder the bid is liable to be rejection.
- i) Do not meet BEC Criteria
 - ii) Bid Security
 - iii) Performance Security (Contract Performance Bank Guarantee), As specified hereinafter
 - iv) Delivery Period
 - v) Terms of Payment
 - vi) Force Majeure
 - vii) Resolution of Dispute/Arbitration
 - viii) Termination of Contract,
 - ix) Warranty and Guarantee
 - x) Offer not submitted for complete scope of work
 - xi) Firm prices
 - xii) Prices not quoted as per Schedule of Rates formats.
 - xiii) The Bidder is not put on Black / holiday list by MNGL/MoP&NG/Oil Public Sector Enterprise(s).
 - xiv) Bidder is under liquidation.
 - xv) Bids not conforming to technical specification/requirements.
 - xvi) Any other such provisions if specifically stipulated elsewhere in the Bid Document.
 - xvii) Price Reduction Schedule.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

However, MNGL reserve the right to request the bidder to withdraw the deviations against above mentioned provisions of Bid Documents.

20. Mode of Payment

Maharashtra Natural Gas Limited will issue A/C payee cheque for payment payable at par in case work is awarded to bidder.

21. Agent/ consultant/ Representative/ Retainer/ Associate [Applicable for LCB tenders only]

21.1 MNGL would prefer to deal directly with the manufacturers/ principals abroad but in case they decide to have their Agent/Consultant/Representative/Retainer/ Associate in India and pay commission for their services against a particular tender, it should be bare minimum, and the principal would have to certify that such a commission is commensurate with the services rendered to them by such an Agent/ Consultant /Representative/ Retainer/ Associate in India. The principal will also have to broadly list out services to be rendered by the Agent/ Consultant/ Representative Retainer/ Associate in India.

21.2 In the event bidder is having as Agent/ Consultant/ Representative/ Retainer/ Associate/ servicing facilities in India (who is not an employee of the bidder) the bidder should indicate in their offer the name of such an Agent/ Consultant/ Representative/Retainer / Associate, they have for services in India. The bidder must also clearly indicate the commission payable to the Agent/Consultant/ Representative Retainer/Associate in rupees in terms of Agreement (enclosing copy of the same). The bidder, in his bid will indicate the nature and extent of service to be provided by such an Agent/Consultant Representative/Retainer/ Associate on behalf of the bidder and remuneration therefore provided in the price, as a separate item, quoted by the bidder to MNGL. Such remuneration/commission will be paid by MNGL in non-convertible Indian currency in India. Should it be established at any subsequent point of time that the above statement of the bidder is not correct or that any other amount of remuneration commission either in India or abroad is being paid to anyone (who is not an employee of the bidder), the bidder would be liable to be debarred from participating in the future tenders of MNGL.

The following particulars will also be furnished by the bidder:

- (i) The precise relationship between the foreign manufacturer/principal and their Agent/Consultant Representative / Retainer/ Associate in India.
- (ii) The mutual interest which the manufacturer/principal and the Agent/ Consultant/ Representative Retainer/Associate in India have in the business of each other.
- (iii) Any payment which the Agent/ Consultant/ Representative/ Retainer/ Associate receives in India or abroad from the manufacturer/principal whether as a commission for the contract or as a general fee.
- (iv) All services to be rendered by the Agent Consultant Representative / Retainer/Associate.

21.3 Overseas bidder should send their bids directly and not through Agent/ Consultant/ Representative / Retainer /Associate Agent Consultant Representative Retainer/ Associate of the overseas manufacturers/suppliers are, however, permitted to purchase bidding documents and attend bid opening provided such as Agent/



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Consultant / Representative/ Retainer/ Associate has a power of attorney/ letter of authority setting out very clearly his role, which will be limited to such areas of activity as purchase of bidding documents, attending of bid opening and claiming of payment for their services, provided further that such a power of attorney/letter of authority is submitted to MNGL in advance for scrutiny and acceptance or otherwise.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

D. SUBMISSION OF BIDS

22.0 PREPARATION OF BIDS

- 22.1 Scanned documents (duly signed by the authorized signatory) and/or pre-formatted excel files to be uploaded by the bidder on the portal which shall comprise of the documents mentioned in Clause No. 10 of ITB.

Note: All pages of the bid offer to be signed and stamped by an authorized representative (as described in bid document) of the bidder.

Bidder must ensure numbering of all pages submitted in bid document. Further total number of pages submitted in bid document must be mentioned in the covering letter of bid submitted.

- 22.2 The price bid shall contain Schedule of Rates duly filled in the prescribed format available on the e-portal.

23. DEADLINE FOR SUBMISSION OF BID

- 23.1 The bid must be submitted on the specified e-tendering portal as specified in IFB not later than the time and date as specified in IFB. The online e-tendering portal will not allow any bid or part thereof whatsoever to be submitted after the due time on the due date.

- 23.2 The Purchaser may, in exceptional circumstances and at its discretion, on giving reasonable notice by email or any written communication to all prospective bidders who have been issued the bid document to extend the deadline for the submission of bids in which case all rights and obligations of the Purchaser and bidders, previously subject to the original deadline will thereafter be subject to deadline as extended.

24. LATE BIDS

Any Bid Security / EMD received by the Purchaser after the deadline for submission of bid may render the bid to be declared "Late" and such bid is liable for rejection; such EMD may be returned unopened to the bidder at the sole discretion of the Purchaser.

25. MODIFICATION AND WITHDRAWAL OF BIDS

- 25.1 The bidder may modify or withdraw its bid after the bid submission, but, before the due date of submission as per provisions provided on the e-tendering portal. After the bid due date & time however, no modifications whatsoever are allowed in the bid.

- 25.2 No bid shall be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid form. In case of request in written by the authorized signatory for withdrawal of a bid during this interval, the Bidder's bid security shall be forfeited.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

E. BID OPENING AND EVALUATION

26. Bid Opening

- 26.1 The Purchaser will open all bids on the e-tendering portal in the presence of bidder(s) representatives who choose to attend, at the time, on the date and place (as specified in IFB). The bidder(s) representatives, who are present, shall sign an attendance sheet evidencing their attendance, if so required by the Purchaser.
- 26.2 The Bidder's names and the presence or absence of requisite Bid Security (EMD) and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for bids without EMD.
- 26.3 Bids that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Bidder's specific attention is drawn to this stipulation to enable the representative of the Bidder at the bid opening time to bring out to the attention for the Purchaser any documents pertaining to its bid is not being acknowledged and relevant portions read out.
- 26.4 The Purchaser will prepare a bid opening statement to be signed by all representatives present during bid opening.

27. Process to be Confidential


- 27.1 Information relating to the examination, clarification, evaluation and comparison of bids, and recommendations for the award of a contract, shall not be disclosed to bidders or any other persons officially concerned with such process. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of the bidder's bid.

28. Contacting the Employer

- 28.1 From the time of bid opening to the time of Contract award, if any bidder wishes to contact the Employer on any matter related to the bid, it should do so in writing.
- 28.2 Any effort by the bidder to influence the Employer in the Employer's bid evaluation, bid comparison, or Contract award decisions may result in the rejection of the bidder's bid.

29. Examination of bids and Determination of Responsiveness

- 29.1 Prior to the detailed evaluation of bids, the Employer will determine whether each bid.
- a) meets the Bid Evaluation Criteria.
 - b) has been properly signed.
 - c) is accompanied by the required securities.
 - d) is substantially responsive to the requirements of the bidding documents; and
 - e) provides any clarification and/ or substantiation that the Employer may require to determine responsiveness pursuant to Sub-Clause 28.2.
- 29.2 A substantially responsive bid is one which conforms to all the terms, conditions, and specifications of the bidding documents without material deviations or reservations. A material deviation or reservation is one.
- a) that affects in any substantial way the scope, quality, or performance of the Works.

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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- b) that limits in any substantial way, inconsistent with the bidding documents, the Employer's rights or the bidder's obligations under the contract; or
- c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

29.3 If a bid is not substantially responsive, it will be rejected by the Employer and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

30. Opening Of Price Bid

30.1 In case of two-part bidding, the Bidders whose bids are found substantially responsive shall be invited to attend the opening of price bid. Such bidders may be required to attend the price bid opening at a short notice. The place, date and time of price bid opening will be informed to all such Bidders. The Bidder's representatives who are present shall sign a register evidencing their attendance.

30.2 The bid prices stated in the price schedules will be announced during price bid opening.

31. Correction of Errors

31.1 Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

- a) where there is a discrepancy between the amounts in words and in figures, the amount in words will govern; and
- b) where there is a discrepancy between the unit rate and the total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

31.2 The amount stated in the bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, its bid will be rejected, and the bid security shall be forfeited.

32. Evaluation and Comparison of Bids

32.1 The evaluation and comparison of bids will be done as per the provisions of the bid evaluation criteria as per Annexure – I to ITB (to be separately enclosed along with bidding document against individual tenders).

33. Preference for Domestic Bidders - VOID

34. Purchase Preference - VOID

35. Compensation for extended stay - Not Applicable



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

F. AWARD OF CONTRACT

36. Award

36.1 Subject to Clause 28, MNGL will award the contract to the successful bidder whose bid has been determined to be substantially responsive and has been determined as the lowest, is determined to be qualified to satisfactorily perform the contract.

37. Employer's Right to Accept Any Bid and to Reject Any or all Bids

37.1 MNGL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligations to inform the affected bidder or bidders of the ground for MNGL'S ACTION.

38. Notification of Award

38.1 Prior to the expiration of period of bid validity MNGL will notify the successful bidder in writing by fax, cable or telex to be confirmed in writing, that his bid has been accepted. The notification of award/ Service Order will constitute the formation of the Contract.

38.2 Delivery/ completion period shall be counted from the date of notification of award / Service Order.

The notification of award will constitute the formation of a Contract, until the Contract has been effected pursuant to signing of Contract as per Clause 39 of ITB.

Upon the successful bidder's furnishing of contract performance security, pursuant to Clause 40 of ITB, MNGL will promptly notify each unsuccessful bidder and will discharge his bid security, pursuant to Clause 16 of ITB.

39. Signing of Agreement

39.1 MNGL will award the Contract to the successful bidder, who, within 15 days of receipt of the same, shall sign and return the acceptance copy to MNGL.

39.2 The successful bidder shall be required to execute an AGREEMENT in the proforma given in of this standard bidding document on non-judicial paper of appropriate value (the cost of stamp paper shall be borne by the Contractor), within 15 days of the receipt by him of the Notification of Acceptance of Tender. In the event of failure on the part of the successful bidder to sign the AGREEMENT within the above stipulated period, the Bid Security shall be forfeited, and the acceptance of the tender shall be considered as cancelled.

40. Contract Performance Security

40.1 Unless mentioned in notification of award /Fax of Intent / Purchase Order within 15 days of the receipt of the Delivery Order from the PURCHASER, the successful bidder shall furnish the performance guarantee in accordance with Clause 12 of General Conditions of Contract in the form provided in the bidding documents. The Bank Guarantee/Letter of Credit towards performance guarantee shall be in the currency of the Contract.

40.2 The performance guarantee shall be for an amount equal to 10% of Delivery Order Value towards faithful performance of the contractual obligations and performance of equipment. This Bank Guarantee/Letter of Credit shall be from any Indian scheduled bank or a branch of an international bank situated in India and registered with Reserve



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

bank of India as scheduled foreign bank. This bank guarantee/letter of Credit shall be valid for a period as-stated in Clause-12 of General Conditions of Contract.

- 40.3 Failure of the successful bidder to comply with the requirements of this article shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event MNGL may award the order to the next lowest evaluated bidder or call for new bids.

41. Corrupt or Fraudulent Practices

- 41.1 MNGL requires that bidders/ contractors observe the highest standard of ethics during the execution of contracts. In pursuance of this policy, the Employer:

- a) defines, for the purposes of this provision, the terms set forth below as follows:
 - i) “corrupt practice” means the offering, giving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
 - ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.
- b) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- c) will declare a firm ineligible and put on holiday, either indefinitely or for a stated period of time if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a contract.

42. Failure by the contractor to comply with the provisions of the contract

- 42.1 If the CONTRACTOR refuses or fails to execute the WORK or any separate 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 EMPLOYER at its option by written notice to the CONTRACTOR:

- a) 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 EMPLOYER on that behalf, whereupon the CONTRACTOR shall stop forthwith any of the CONTRACTOR's work then in progress, except such WORK as the EMPLOYER may, in writing, require to be done to safeguard any property or WORK, or installations from damage, and the EMPLOYER, for its part, may take over the work remaining unfinished by the 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 EMPLOYER for any excess cost occasioned by such work having to be so taken over and completed by the EMPLOYER over and above the cost at the rates specified in the schedule of quantities and rate/prices.
- b) 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. The CONTRACTOR and



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

any of his sureties are liable to the EMPLOYER for any excess cost over and above the cost at the rates specified in the Schedule of Quantities/ rates, occasioned by such works having been taken over and completed by the EMPLOYER.

42.2 In such events of Clause 42.1(a) or (b) above.

a) The whole or part of the Contract Performance Security furnished by the CONTRACTOR is liable to be forfeited without prejudice to the right of the EMPLOYER to

recover from the CONTRACTOR the excess cost referred to in the sub-clause aforesaid, the EMPLOYER shall also have the right of taking possession and utilizing in completing the works or any part thereof, such as materials equipment and plants available at work site belonging to the CONTRACTOR as may be necessary and the CONTRACTOR shall not be entitled for any compensation for use or damage to such materials, equipment and plant.

b) The amount that may have become due to the CONTRACTOR on account of work already executed by him shall not be payable to him until after the expiry of Six (6) calendar months reckoned from the date of termination of CONTRACT or from the taking over of the WORK or part thereof by the EMPLOYER as the case may be, during which period the responsibility for faulty materials or workmanship in respect of such work shall, under the CONTRACT, rest exclusively with the CONTRACTOR. This amount shall be subject to deduction of any amounts due from the CONTRACT to the EMPLOYER under the terms of the CONTRACT authorized or required to be reserved or retained by the EMPLOYER.

42.3 Before determining the CONTRACT as per Clause 42.1(a) or (b) provided in the judgement of the EMPLOYER, the default or defaults committed by the CONTRACTOR is/are curable and can be cured by the CONTRACTOR if an opportunity given to him, then the EMPLOYER may issue Notice in writing calling the CONTRACTOR to cure the default within such time specified in the Notice.

42.4 The EMPLOYER shall also have the right to proceed or take action as per 42.1(a) or (b) above, in the event that the CONTRACTOR becomes bankrupt, insolvent, compounds with his creditors, assigns the CONTRACT in favour 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 EMPLOYER to give any prior notice to the CONTRACTOR.

42.5 Termination of the CONTRACT as provided for in sub-clause 42.1(a) above shall not prejudice or affect their rights of the EMPLOYER which may have accrued up to the date of such termination.

43. Termination of contract

43(A) TERMINATION OF CONTRACT FOR DEATH:

If the CONTRACTOR is an individual or a proprietary concern and the individual or the proprietor dies or if the CONTRACTOR is a partnership concern and one of the partner dies then unless, the EMPLOYER is satisfied that the legal representative of the individual or the proprietary concern or the surviving partners are capable of carrying



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

out and completing CONTRACT, he (the EMPLOYER) is entitled to cancel the CONTRACT for the uncompleted part without being in any way liable for any compensation payment to the estate of the deceased CONTRACTOR and/or to the surviving partners of the CONTRACTOR'S firm on account of the cancellation of CONTRACT. The decision of the EMPLOYER in such assessment shall be final and binding on the parties. In the event of such cancellation, the EMPLOYER shall not hold the estate of the deceased CONTRACTOR and/or the surviving partners of the CONTRACTOR'S firm liable for any damages for non-completion of CONTRACT.

43(B) TERMINATION OF CONTRACT IN CASE OF LIQUIDATION / BANKRUPTCY ETC.

If the Contractor shall dissolve or become bankrupt or insolvent or cause or suffer any receiver to be appointed of his business or any assets thereof compound with his Creditors, or being a corporation commence to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carry on its business under a Receiver for the benefits of its Creditors any of them, EMPLOYER shall be at liberty:-

To terminate the contract forthwith upon coming to know of the happening of any such event as aforesaid by notice in writing to the Contractor or to give the Receiver or liquidator or other person, the option of carrying out the contract subject to his providing a guarantee up to an amount to be agreed upon by EMPLOYER for due and faithful performance of the contract.

43 (C) In case of termination of CONTRACT herein set forth (under clause 42.0) except under conditions of Force Majeure and termination after expiry of contract, the CONTRACTOR shall be put under holiday [i.e. neither any enquiry will be issued to the party by Maharashtra Natural Gas Limited against any type of tender nor their offer will be considered by MNGL against any ongoing tender (s) where contract between MNGL and that particular CONTRACTOR (as a bidder) has not been finalized] for 03 (Three) years from the date of termination by Maharashtra Natural Gas Limited to such CONTRACTOR.

43 (D) Termination for convenience

MNGL may by written notice sent to contractor, terminate the contract, in whole or part, at any time for its convenience. However, the payment shall be released to the extent to which performance of work executed as determined by MNGL till the date upon which such termination becomes effective.

44. Procurement From a Bidder Which Shares a Land Border With INDIA

I. Order (Public Procurement No. 1) dated 23.07.2020, Order (Public Procurement No. 2) dated 23.07.2020 and Order (Public Procurement No. 3) dated 24.07.2020, Department of Expenditure, Ministry of Finance, Govt. of India refers. The same are available at website <https://doe.gov.in/procurement-policy-divisions>.

II. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. For details of competent authority refer to Annexure I of Order (Public Procurement No. 1) dated 23.07.2020. Further the above will not apply to bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

of credit or in which the Government of India is engaged in development projects. Updated lists of countries to which lines of credit have been extended or in which development projects are undertaken are given in the website of the Ministry of External Affairs, Govt. of India

- III. "Bidder" (including the term 'tenderer', 'consultant' 'vendor' or 'service provider' in certain contexts) for purpose of this provision means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.
- IV. "Bidder from a country which shares a land border with India" for the purpose of this:
- An entity incorporated, established or registered in such a country; or
 - A subsidiary of an entity incorporated, established or registered in such a country; or
 - An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - An entity whose beneficial owner is situated in such a country; or
 - An Indian (or other) agent of such an entity; or
 - A natural person who is a citizen of such a country; or
 - A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- V. "Beneficial owner" for the purpose of above (4) will be as under:
- In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.
Explanation—
 - "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;
 - "Control" shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 - In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership or entitlement to more than fifteen percent of capital or profits of the partnership;
 - In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
 - Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- v) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- VI. "Agent" for the purpose of this Order is a person employed to do any act for another, or to represent another in dealings with third persons.
- VII. **SUBMISSION OF CERTIFICATE IN BIDS:** Bidder shall submit a certificate in this regard as Form-I to Section-II. If such certificate given by a bidder whose bid is accepted is found to be false, this would be a ground for immediate rejection of the bid/termination and further action as per "Procedure for Action in case of Corrupt/Fraudulent/ Collusive / Coercive Practices" of tender document.
- VIII. The registration, wherever applicable, should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance / placement of order, registration shall not be a relevant consideration during contract execution.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION III

4. GENERAL CONDITIONS OF CONTRACT (GCC)



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

**GENERAL CONDITIONS OF CONTRACT - GOODS
(GCC - GOODS)**

FOR SUPPLY

Table of Contents

1. Definitions
2. Seller to Inform
3. Application
4. Country of Origin
5. Scope of Contract
6. Standards
7. Instructions, Direction & Correspondence
8. Contract Obligations
9. Modification in Contract
10. Use of Contract Documents & Information
11. Patent Rights, Liability & Compliance of Regulations
12. Performance Guarantee
13. Inspection, Testing & Expediting
14. Time Schedule & Progress Reporting
15. Delivery & Documents
16. Transit Risk Insurance
17. Transportation
18. Incidental Services
19. Spare Parts, Maintenance Tools, Lubricants
20. Guarantee
21. Terms of Payment
22. Prices
23. Subletting & Assignment
24. Time as Essence of Contract
25. Delays in The Seller's Performance
26. Price Reduction Schedule for Delayed Delivery
27. Rejections, Removal of Rejected Equipment & Replacement
28. Termination of Contract
29. Force Majeure
30. Resolution of Disputes/Arbitration
31. Governing Language
32. Notices
33. Taxes & Duties
34. Books & Records
35. Permits & Certificates
36. General
37. Import License
38. FALL CLAUSE
39. Publicity & Advertising
40. Limitation of Liability



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

1 Definitions

In this document, General Conditions of Contract (GCC-Supply), the following terms shall have the following respective meanings:

- 1.1 The "APPOINTING AUTHORITY" for the purpose of arbitration shall be the MANAGING DIRECTOR or any other person so designated by the EMPLOYER.
- 1.2 "APPROVED" shall mean approved in writing including subsequent written confirmation of previous verbal approval and "APPROVAL" means approval in writing including as aforesaid
- 1.3 BIDDER: Designates the individual or legal entity which has made a proposal, a tender or a bid with the aim of concluding a Contract with the PURCHASER.
- 1.4 CONTRACT shall mean Purchase Order/Contract and all attached exhibits and documents referred to therein and all terms and conditions thereof together with any subsequent modifications thereto.
- 1.5 CONTRACT PRICE shall mean the price payable to the Seller under the Contract for the full and proper performance of his contractual obligations.
- 1.6 COMPLETION DATE shall mean the date on which the goods are successfully commissioned by the Seller and handed over to the PURCHASER.
- 1.7 COMMERCIAL OPERATION shall mean the condition of the operation in which the complete equipment covered under the Contract is officially declared by the PURCHASER to be available for continuous operation at different loads upto and including rated capacity.
- 1.8 The "CONTRACTOR" means the person or the persons, firm or Company or corporation whose tender has been accepted by the EMPLOYER and includes the CONTRACTOR's legal Representatives his successors and permitted assigns.
- 1.9 "CONSTRUCTION EQUIPMENT" means all appliances/equipment and things whatsoever nature for the use in or for the execution, completion, operation, or maintenance of the work or temporary works (as hereinafter defined) but does not include materials or other things intended to form or to be incorporated into the WORK or camping facilities.
- 1.10 "CONTRACT DOCUMENTS" means collectively the Tender Documents, Designs, Drawings, Specification, Schedule of Quantities and Rates, Letter of Acceptance and agreed variations if any, and such other documents constituting the tender and acceptance thereof.
- 1.11 The "CHANGE ORDER" means an order given in writing by the ENGINEER-IN-CHARGE to effect additions to or deletion from and alteration in the works.
- 1.12 The "COMPLETION CERTIFICATE" shall mean the certificate to be issued by the ENGINEER-IN-CHARGE when the works have been completed entirely in accordance with CONTRACT DOCUMENT to his satisfaction.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 1.13 COMMISSIONING" shall mean pressing into service of the system including the plant(s), equipment(s), vessel(s), pipeline, machinery(ies), or any other section or sub-section of installation(s) pertaining to the work of the CONTRACTOR after successful testing and trial runs of the same.
- 1.14 "COMMISSIONING" can be either for a completed system or a part of system of a combination of systems or sub-systems and can be performed in any sequence as desired by EMPLOYER and in a manner established to be made suited according to availability of pre-requisites. Any such readjustments made by EMPLOYER in performance of "COMMISSIONING" activity will not be construed to be violating CONTRACT provisions and CONTRACTOR shall be deemed to have provided for the same.
- 1.15 "DAY" means a day of 24 hours from midnight to midnight irrespective of the number of hours worked in that day
- 1.16 DELIVERY terms shall be interpreted as per INCOTERMS 2010 in case of Contract with a foreign Bidder and as the date of FOT Site in the case of a contract with an Indian Bidder.
- 1.17 DRAWINGS shall mean and include Engineering drawings, sketches showing plans, sections and elevations in relation to the Contract together with modifications and/or revisions there.
- 1.18 ENGINEER or Engineer-in-Charge of the Project SITE shall mean the person designated from time to time by PURCHASER at SITE and shall include those who are expressly authorized by him to act for and on his behalf for operation of this CONTRACT.
- 1.19 FINAL ACCEPTANCE shall mean the PURCHASER's written acceptance of the Works performed under the Contract after successful completion of performance and guarantee test.
- 1.20 The "FINAL CERTIFICATE" in relation to a work means the certificate regarding the satisfactory compliance of various provision of the CONTRACT by the CONTRACTOR issued by the ENGINEER-IN-CHARGE/EMPLOYER after the period of liability is over.
- 1.21 GOODS shall mean articles, materials, equipment, design and drawings, data and other property to be supplied by Seller to complete the contract.
- 1.22 INSPECTOR shall mean any person or outside Agency nominated by PURCHASER / CONSULTANT through CONSULTANT to inspect equipment, stage wise as well as final, before dispatch, at SELLER's works and on receipt at SITE as per terms of the CONTRACT.
- 1.23 INITIAL OPERATION shall mean the first integral operation of the complete equipment covered under the Contract with subsystems and supporting equipment in service or available for service.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 1.24 "MOBILIZATION" shall mean establishment of sufficiently adequate infrastructure by the CONTRACTOR at "SITE" comprising of construction equipment, aids, tools tackles including setting of site offices with facilities such as power, water, communication etc. establishing manpower organization comprising of Resident Engineers, Supervising personnel and an adequate strength of skilled, semi-skilled and un-skilled workers, who with the so established infrastructure shall be in a position to commence execution of work at site(s), in accordance with the agreed Time Schedule of Completion of Work. "MOBILISATION" shall be considered to have been achieved, if the CONTRACTOR is able to establish infrastructure as per Time Schedule, where so warranted in accordance with agreed schedule of work implementation to the satisfaction of ENGINEER-IN-CHARGE/ EMPLOYER
- 1.25 "NOTICE IN WRITING OR WRITTEN NOTICE" shall mean a notice in written, typed or printed characters sent (unless delivered personally or otherwise proved to have been received by the addressee) by registered post to the latest known private or business address or registered office of the addressee and shall be deemed to have been received in the ordinary course of post it would have been delivered.
- 1.26 PURCHASER/EMPLOYER/OWNER/COMPANY/MNGL shall mean MAHARSHRATRA NATURAL GAS LIMITED (MNGL) having its registered office at Pune (Maharashtra) PURCHASER includes successors, assigns of MNGL.
- 1.27 "PLANS" shall mean all maps, sketches and layouts as are incorporated in the CONTRACT in order to define broadly the scope and specifications of the work or works, and all reproductions thereof.
- 1.28 PERFORMANCE AND GUARANTEE TESTS shall mean all operational checks and tests required to determine and demonstrate capacity, efficiency and operating characteristics as specified in the Contract documents.
- 1.29 PROJECT designates the aggregate of the Goods and/or Services to be provided by one or more Contractors.

Quantities – Bills of quantities

Bills of quantities

Designate the quantity calculations to be taken into account when these calculations are made from detailed or construction drawings, or from work actually performed, and presented according to a jointly agreed breakdown of the Goods and/or Services.

- 1.30 SELLER/SUPPLIER/CONTRACTOR shall mean the person, firm or company with whom PURCHASE ORDER/AWARD OF WORK/CONTRACT is placed/entered into by PURCHASER for supply of equipment, materials and services. The term Seller includes its successors and assigns.
- 1.31 SERVICE shall mean erection, installation, testing, commissioning, provision of technical assistance, training and other such obligations of the Seller covered under the Contract.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 1.32 SITE designates the land and/or any other premises on, under, in or across which the Goods and/or Services have to be supplied, erected, assembled, adjusted, arranged and/or commissioned.
- 1.33 SPECIFICATIONS shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in the Contract.
- 1.34 SUB-CONTRACT shall mean order placed by the Seller, for any portion of the contracted work, after necessary consent and approval of PURCHASER.
- 1.35 SUB-CONTRACTOR shall mean the person named in the CONTRACT for any part of the work or any person to whom any part of the CONTRACT has been sub-let by the SELLER with the consent in writing of the CONSULTANT/PURCHASER and will include the legal representatives, successors, and permitted assigns of such person.
- 1.36 START-UP shall mean the time period required to bring the equipment covered under the Contract from an inactive condition, when construction is essentially complete to the state of readiness for trial operation. The start-up period shall include preliminary inspection and check out of equipment and supporting subsystems, initial operation of the complete equipment covered under the Contract to obtain necessary pre-trial operation data, perform calibration and corrective action, shutdown inspection and adjustment prior to the trial operation period.
- 1.37 TESTS shall mean such process or processes to be carried out by the Seller as are prescribed in the Contract or considered necessary by PURCHASER or his representative in order to ascertain quality, workmanship, performance and efficiency of equipment or part thereof.
- 1.38 TESTS ON COMPLETION shall mean such tests as prescribed in the Contract to be performed by the Seller before the Works are taken over by the PURCHASER.
- 1.39 "TEMPORARY WORKS" shall mean all temporary works of every kind required in or about the execution, completion or maintenance of works.
- 1.40 "VALUE OF CONTRACT" or "TOTAL CONTRACT PRICE" shall mean the sum accepted or the sum calculated in accordance with the prices accepted in tender and/or the CONTRACT rates as payable to the CONTRACTOR for the entire execution and full completion of the work, including change order
- 1.41 "WORKING DAY" means any day which is not declared to be holiday or rest day by the EMPLOYER.
- 1.42 "WEEK" means a period of any consecutive seven days.
- 1.43 "METRIC SYSTEM" - All technical documents regarding the construction of works are given in the metric system and all work in the project should be carried out according to the metric system. All documents concerning the work shall also be maintained in the metric system.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

2 Seller to Inform

- 2.1 The Seller shall be deemed to have carefully examined all contract documents to his entire satisfaction. Any lack of information shall not in any way relieve the Seller of his responsibility to fulfill his obligation under the Contract.

3 Application

- 3.1 These General Conditions of Contract (GCC-Supply) shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

4 Country of Origin

- 4.1 For purposes of this Clause "origin" means the place where the Goods were mined, grown or produced, or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.

5 Scope of Contract

- 5.1 Scope of the CONTRACT shall be as defined in the PURCHASE ORDER/CONTRACT specifications, drawings and Annexure thereto.
- 5.2 Completeness of the EQUIPMENT shall be the responsibility of the SELLER. Any equipment, fittings and accessories which may not be specifically mentioned in the specifications or drawings, but which are usual or necessary for the satisfactory functioning of the equipment (successful operation and functioning of the EQUIPMENT being SELLER's responsibility) shall be provided by SELLER without any extra cost.
- 5.3 The SELLER shall follow the best modern practices in the manufacture of high-grade EQUIPMENT notwithstanding any omission in the specifications. The true intent and meaning of these documents is that SELLER shall in all respects, design, engineer, manufacture and supply the equipment in a thorough workmanlike manner and supply the same in prescribed time to the entire satisfaction of PURCHASER.
- 5.4 The SELLER shall furnish three (3) copies in English language of technical documents, final drawings, preservation instructions, operation and maintenance manuals, test certificates, spare parts catalogues for all equipment to the PURCHASER.
- 5.5 The documents once submitted by the SELLER shall be firm and final and not subject to subsequent changes. The SELLER shall be responsible for any loss to the PURCHASER/CONSULTANT consequent to furnishing of incorrect data/drawings.
- 5.6 All dimensions and weight should be in metric system.
- 5.7 All equipment to be supplied and work to be carried out under the CONTRACT shall conform to and comply with the provisions of relevant regulations / Acts (State Government or Central Government) as may be applicable to the type of equipment/work carried out and necessary certificates shall be furnished.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 5.8 The Seller shall provide cross sectional drawings, wherever applicable, to identify the spare part numbers and their location. The size of bearings, their make and number shall be furnished.
- 5.9 Specifications, design and drawings issued to the SELLER along with RFQ and CONTRACT are not sold or given but loaned. These remain property of PURCHASER or its assigns and are subject to recall by PURCHASER. The SELLER and his employees shall not make use of the drawings, specifications and technical information for any purpose at any time except for manufacture against the CONTRACT and shall not disclose the same to any person, firm or corporate body, without written permission of PURCHASER. All such details shall be kept confidential.
- 5.10 SELLER shall pack, protect, mark and arrange for dispatch of EQUIPMENT as per instructions given in the CONTRACT.

6 Standards

- 6.1 The GOODS supplied under the CONTRACT shall conform to the standards mentioned in the Technical Specifications, or such other standards which ensure equal or higher quality, and when no applicable standard is mentioned, to the authoritative standard appropriate to the GOODS' country of origin and such standards shall be the latest issued by the concerned institution.

7 Instructions, Direction & Correspondence

- 7.1 The materials described in the CONTRACT are to be supplied according to the standards, data sheets, tables, specifications and drawings attached thereto and/or enclosed with the CONTRACT, itself and according to all conditions, both general and specific enclosed with the contract, unless any or all of them have been modified or cancelled in writing as a whole or in part.
- a. All instructions and orders to SELLER shall, excepting what is herein provided, be given by PURCHASER.
 - b. All the work shall be carried out under the direction of and to the satisfaction of PURCHASER.
 - c. All communications including technical/commercial clarifications and/or comments shall be addressed to PURCHASER and shall always bear reference to the CONTRACT.
 - d. Invoices for payment against CONTRACT shall be addressed to PURCHASER.
 - e. The CONTRACT number shall be shown on all invoices, communications, packing lists, containers and bills of lading, etc.

8 Contract Obligations

- 8.1 If after award of the contract, the Seller does not acknowledge the receipt of award or fails to furnish the performance guarantee within the prescribed time limit, the PURCHASER reserves the right to cancel the contract and apply all remedies available to him under the terms and conditions of this contract.
- 8.2 Once a contract is confirmed and signed, the terms and conditions contained therein shall take precedence over the Seller's bid and all previous correspondence.

9 Modification in Contract

- 9.1 All modifications leading to changes in the CONTRACT with respect to technical and/or commercial aspects including terms of delivery, shall be considered valid only



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

when accepted in writing by PURCHASER by issuing amendment to the CONTRACT. Issuance of acceptance or otherwise in such cases shall not be any ground for extension of agreed delivery date and also shall not affect the performance of contract in any manner except to the extent mutually agreed through a modification of contract.

- 9.2 PURCHASER shall not be bound by any printed conditions or provisions in the SELLER's Bid Forms or acknowledgment of CONTRACT, invoices, packing list and other documents which purport to impose any conditions at variance with or supplemental to CONTRACT.

10 Use of Contract Documents & Information

- 10.1 The Seller shall not, without the PURCHASER's prior written consent, disclose the CONTRACT or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the PURCHASER in connection therewith, to any person other than a person employed by the SELLER in the performance of the CONTRACT. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purpose of such performance.

- 10.2 The SELLER shall not, without the PURCHASER's prior written consent, make use of any document or information enumerated in Article 10.1. except for purpose of performing the CONTRACT.

11 Patent Rights, Liability & Compliance of Regulations

- 11.1 SELLER hereby warrants that the use or sale of the materials delivered hereunder will not infringe claims of any patent covering such material and SELLER agrees to be responsible for and to defend at his sole expense all suits and proceedings against PURCHASER based on any such alleged patent infringement and to pay all costs, expenses and damages which PURCHASER may have to pay or incur by reason of any such suit or proceedings.

- 11.2 The SELLER shall indemnify the PURCHASER against all third party claims of infringement of patent, trade mark or industrial design rights arising from use of the GOODS or any part thereof in the PURCHASER's country.

- 11.3 SELLER shall also protect and fully indemnify the PURCHASER from any claims from SELLER'S workmen/employees or their heirs, dependents, representatives, etc. or from any other person/persons or bodies/companies etc. for any acts of commissions or omission while executing the CONTRACT.

- 11.4 SELLER shall be responsible for compliance with all requirements under the laws and shall protect and indemnify completely the PURCHASER from any claims/penalties arising out of any infringements.

12 Performance Guarantee

- 12.1 Within 15 days after the SELLER's receipt of Delivery Order, the SELLER shall furnish Performance Guarantee in the form of Bank Guarantee / irrevocable Letter of Credit to the PURCHASER, in the form provided in the Bidding Documents, for an amount equivalent to 10% of Contract / Delivery Order Value against each Delivery Order.




**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 12.2 The proceeds of Performance Guarantee shall be appropriated by the PURCHASER as compensation for any loss resulting from the SELLER's failure to complete his obligations under the CONTRACT without prejudice to any of the rights or remedies the PURCHASER may be entitled to as per terms and conditions of CONTRACT. The proceeds of this Performance Guarantee shall also govern the successful performance of Goods and Services during the entire period of Contractual Warrantee/Guarantee.
- 12.3 The performance guarantee shall be denominated in the currency of the CONTRACT.
- 12.4 The Performance Guarantee shall be valid for the duration of 90 days beyond the expiry of Warrantee/Guarantee period. The Bank Guarantee will be discharged by PURCHASER not later than 6 months from the date of expiration of the Seller's entire obligations, including any warrantee obligations, under the CONTRACT.
- 13 Inspection, Testing & Expediting**
- 13.1 The PURCHASER or its representative shall have the right to inspect and/or to test the GOODS to confirm their conformity to the CONTRACT specifications. The special conditions of CONTRACT and/or the Technical Specifications shall specify what inspections and tests the PURCHASER requires and where they are to be conducted. The PURCHASER shall notify the SELLER in writing the identity of any representative(s) retained for these purposes.
- 13.2 The inspections and tests may be conducted on the premises of the SELLER or his sub-contractor(s), at point of DELIVERY and/or at the GOODS' final destination, when conducted on the premises of the SELLER or his sub-contractor (s), all reasonable facilities and assistance including access to the drawings and production data shall be furnished to the inspectors at no charge to the PURCHASER.
- 13.3 Should any inspected or tested GOODS fail to conform to the specifications, the PURCHASER may reject them and the SELLER shall either replace the rejected GOODS or make all alterations necessary to meet Specifications' requirements, free of cost to the PURCHASER.
- 13.4 The PURCHASER's right to inspect, test and where necessary reject the GOODS after the GOODS' arrival in the PURCHASER's country shall in no way be limited or waived by reason of the GOODS having previously been inspected, tested and passed by the PURCHASER, or their representative prior to the GOODS shipment from the country of origin.
- 13.5 The INSPECTOR shall follow the progress of the manufacture of the GOODS under the CONTRACT to ensure that the requirements outlined in the CONTRACT are not being deviated with respect to schedule and quality.
- 13.6 SELLER shall allow the INSPECTOR to visit, during working hours, the workshops relevant for execution of the CONTRACT during the entire period of CONTRACT validity.
- 13.7 In order to enable PURCHASER's representatives to obtain entry visas in time, SELLER shall notify PURCHASER two months before assembly, testing and packing of main EQUIPMENT. If requested, SELLER shall assist PURCHASER's

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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representatives in getting visas in the shortest possible time (applicable only in case of foreign order).

- 13.8 SELLER shall place at the disposal of the INSPECTOR, free of charge, all tools, instruments, and other apparatus necessary for the inspection and/or testing of the GOODS. The INSPECTOR is entitled to prohibit the use and dispatch of GOODS and/or materials which have failed to comply with the characteristics required for the GOODS during tests and inspections.
- 13.9 SELLER shall advise in writing of any delay in the inspection program at the earliest, describing in detail the reasons for delay and the proposed corrective action.
- 13.10 ALL TESTS and trials in general, including those to be carried out for materials not manufactured by SELLER shall be witnessed by the INSPECTOR. Therefore, SELLER shall confirm to PURCHASER by fax or e-mail about the exact date of inspection with at least 30 days' notice. SELLER shall specify the GOODS and quantities ready for testing and indicate whether a preliminary or final test is to be carried out.
- 13.11 If on receipt of this notice, PURCHASER should waive the right to witness the test, timely information will be given accordingly.
- 13.12 Any and all expenses incurred in connection with tests, preparation of reports and analysis made by qualified laboratories, necessary technical documents, testing documents and drawings shall be at SELLER's cost. The technical documents shall include the reference and numbers of the standards used in the construction and, wherever deemed practical by the INSPECTOR, copy of such standards.
- 13.13 Nothing in Article-13 shall in any way release the SELLER from any warrantee or other obligations under this CONTRACT.
- 13.14 Arrangements for all inspections required by Indian Statutory Authorities and as specified in technical specifications shall be made by SELLER.
- 13.15 **Inspection & Rejection of Materials by consignees**
When materials are rejected by the consignee, the supplier shall be intimated with the details of such rejected materials, as well as the reasons for their rejection, also giving location where such materials are lying at the risk and cost of the contractor/supplier. The supplier will be called upon either to remove the materials or to give instructions as to their disposal within 14 days and in the case of dangerous, infected and perishable materials within 48 hours, failing which the consignee will either return the materials to the contractor freight to pay or otherwise dispose them off at the contractor's risk and cost. The PURCHASER shall also be entitled to recover handling and storage charges for the period, during which the rejected materials are not removed @ 5% of the value of materials for each month or part of a month till the rejected materials are finally disposed off.

14 Time Schedule & Progress Reporting

- 14.1 Time Schedule Network/Bar Chart



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 14.1.1 Together with the Contract confirmation, SELLER shall submit to PURCHASER, his time schedule regarding the documentation, manufacture, testing, supply, erection and commissioning of the GOODS.
- 14.1.2 The time schedule will be in the form of a network or a bar chart clearly indicating all main or key events regarding documentation, supply of raw materials, manufacturing, testing, delivery, erection and commissioning.
- 14.1.3 The original issue and subsequent revisions of SELLER's time schedule shall be sent to PURCHASER.
- 14.1.4 The time schedule network/bar chart shall be updated at least every second month.
- 14.2 Progress Trend Chart/Monthly Report
- 14.2.1 SELLER shall report monthly to PURCHASER, on the progress of the execution of CONTRACT and achievement of targets set out in time bar chart.
- 14.2.2 The progress will be expressed in percentages as shown in the progress trend chart attached to the Time Schedule specification.
- 14.2.3 The first issue of the Progress Trend Chart will be forwarded together with the time bar chart along with CONTRACT confirmation.
- 14.3.1 PURCHASER's representatives shall have the right to inspect SELLER's premises with a view to evaluating the actual progress of work on the basis of SELLER's time schedule documentation.
- 14.3.2 Irrespective of such inspection, SELLER shall advise PURCHASER, at the earliest possible date of any anticipated delay in the progress.
- 14.4 Notwithstanding the above, in case progress on the execution of contract at various stages is not as per phased time schedule and is not satisfactory in the opinion of the PURCHASER which shall be conclusive or SELLER shall neglect to execute the CONTRACT with due diligence and expedition or shall contravene the provisions of the CONTRACT, PURCHASER may give notice of the same in writing to the SELLER calling upon him to make good the failure, neglect or contravention complained of. Should SELLER fail to comply with such notice within the period considered reasonable by PURCHASER, the PURCHASER shall have the option and be at liberty to take the CONTRACT wholly or in part out of the SELLER's hand and make alternative arrangements to obtain the requirements and completion of CONTRACT at the SELLER's risk and cost and recover from the SELLER, all extra cost incurred by the PURCHASER on this account. In such event PURCHASER shall not be responsible for any loss that the SELLER may incur and SELLER shall not be entitled to any gain. PURCHASER shall, in addition, have the right to encash Performance Guarantee in full or part.
- 15 Delivery & Documents**
- 15.1 Delivery of the GOODS shall be made by the SELLER in accordance with terms specified in the CONTRACT, and the goods shall remain at the risk of the SELLER until delivery has been completed.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 15.2 Delivery shall be deemed to have been made:
- a) In the case of FOB Contracts, when the Goods have been put on board the ship, at the specified port of loading and a clean Bill of Lading is obtained. The date of Bill of Lading shall be considered as the delivery date. However, for CFR & CIF Contracts delivery date will be receipt of goods at Indian Port.
 - b) In case of FOT dispatch point contract (For Indian bidder), on evidence that the goods have been loaded on the carrier and a negotiable copy of the GOODS receipt obtained. The date of LR/GR shall be considered as the date of delivery.
 - c) In case of FOT site (for Indian bidders) on receipt of goods by PURCHASER at the designated site(s).
- 15.3 The delivery terms are binding and essential and consequently, no delay is allowed without the written approval of PURCHASER. Any request concerning delay will be void unless accepted by PURCHASER through a modification to the CONTRACT.
- 15.4 Delivery time shall include time for submission of drawings for approval, incorporation of comments, if any, and final approval of drawings by PURCHASER.
- 15.5 In the event of delay in delivery, Price Reduction Schedule as stipulated in Article – 26 shall apply.
- 15.6 The documentation, in English Language, shall be delivered in due time, in proper form and in the required number of copies as specified in the contract.
- 15.7 The additional copies of final drawings and instructions will be included in the package of goods, properly enveloped and protected.
- 15.8 The SELLER should comply with the Packing, Marking and Shipping Documentation Specifications enclosed.
- 16 Transit Risk Insurance**
- 16.1 All goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery.
- 16.2 Where delivery is on FOB or CFR basis, marine insurance shall be the responsibility of the Purchaser against the advance information by the contractor with all the details.

Indigenous Bidders	:	Transit risk insurance till FOT Site shall be arranged and borne by Bidder.
Foreign Bidders	:	Marine insurance as well as transit insurance in Purchaser's country shall be arranged and borne By Bidder.

The SELLER shall ensure that in effecting dispatch of materials, the primary responsibility of the carriers for safe movement is always retained so that the PURCHASER's interests are fully safeguarded and are in no way jeopardized. The Seller shall furnish the cost of materials against each equipment.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

16.2 PURCHASER's Insurance Agent:

[The name and address-as mentioned under SCC]

17 Transportation

17.1 Where the SELLER is required under the CONTRACT to deliver the GOODS FOB, transport of the GOODS until delivery, that is, up to and including the point of putting the GOODS on board the export conveyance at the specified port of loading, shall be arranged and paid for by the SELLER and the cost thereof shall be included in the Contract price.

Where the SELLER is required under the CONTRACT to deliver the GOODS CFR or CIF, transport of the Goods to the port of discharge or such other point in the country of destination as shall be specified in the CONTRACT shall be arranged and paid for by the SELLER and the cost thereof shall be included in the Contract price.

18 Incidental Services

18.1 The Seller may be required to provide any or all of the following services:

18.1.1 Performance or supervision of onsite assembly and/or start-up of the supplied Goods:

18.1.2 Furnishing tools required for assembly and/or maintenance of the supplied Goods:

18.1.3 Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Seller of any warranty/guarantee obligations under the Contract.

18.1.4 Training of the Purchaser's personnel at the Seller's plant and/or at Site, in assembly, start-up operation, maintenance and/or repair of the supplied Goods at no extra cost. However, Purchaser will bear boarding, lodging & personal expenses of Trainees.

18.2 Prices charged by the Seller for the preceding incidental services, shall not exceed the prevailing rates charged to other parties by the Seller for similar services.

18.3 When required, Seller shall depute necessary personnel for supervision and/or erection of the Equipment at site for duration to be specified by Purchaser on mutually agreed terms. Seller's personnel shall be available at Site within seven days for emergency action and twenty-one days for medium and long-term assistance, from the date of notice given by Purchaser.

18.4 The cost of incidental services shall not be included in the quoted prices. The cost of applicable incidental services should be shown separately in the price schedules.

19 Spare Parts, Maintenance Tools, Lubricants

19.1 Seller may be required to provide any or all of the following materials and notification pertaining to spare parts manufactured or distributed by the Seller.

19.1.1 Such spare parts as the Purchaser may opt to purchase from the Seller, provided that his option shall not relieve the Seller of any warranty obligations under the Contract, and



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 19.1.2 In the event of termination of production of the spare parts:
- Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements, and
 - Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if any when requested.
- 19.2 Seller shall supply item wise list with value of each item of spare parts and maintenance tools requirements, along with full details of manufacturers/vendors for such spares/maintenance tools for:
- 19.2.1 The construction, execution and commissioning.
- 19.2.2 2 years' operation and maintenance.
- 19.3 Spare parts shall be new and of first-class quality as per engineering standards/ codes, free of any defects (even concealed), deficiency in design, materials and workmanship and also shall be completely interchangeable with the corresponding parts.
- 19.4 Type and sizes of bearings shall be clearly indicated.
- 19.5 Spare parts shall be packed for long storage under tropical climatic conditions in suitable cases, clearly marked as to intended purpose.
- 19.6 A list of special tools and gauges required for normal maintenance and special handling and lifting appliances, if any, for the Goods shall be submitted to Purchaser.
- 19.7 Bidders should note that if they do not comply with Clause 19.2 above, their quotation may be rejected.
- 19.8 Lubricants
- 19.8.1 Whenever lubricants are required, Seller shall indicate the quantity of lubricants required for the first filling, the frequency of changing, the quantity of lubricants required for the one year's continuous operation and the types of recommended lubricants indicating the commercial name (trademark), quality and grade.
- 19.8.2 If Seller is unable to recommend specific oil, basic recommended characteristics of the lubricants shall be given.
- 19.8.3 Seller shall indicate various equivalent lubricants available in India.

20 Guarantee

- 20.1 All Goods or Materials shall be supplied strictly in accordance with the specifications, drawings, data sheets, other attachments and conditions stated in the Contract.

No deviation from such specifications or alterations or of these conditions shall be made without PURCHASER'S agreement in writing which must be obtained before any work against the order is commenced. All materials supplied by the SELLER pursuant to the Contract (irrespective of whether engineering, design data or other



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

information has been furnished, reviewed or approved by PURCHASER) are guaranteed to be of the best quality of their respective kinds (unless otherwise specifically authorised in writing by PURCHASER) and shall be free from faulty design, workmanship and materials, and to be of sufficient size and capacity and of proper materials so as to fulfil in all respects all operating conditions, if any, specified in the Contract.

If any trouble or defect, originating with the design, material, workmanship or operating characteristics of any materials, arises at any time prior to twelve(12) months from the date of the commercial operation of the Plant for which the materials supplied under the Contract form a part thereof, or twenty four (24) months from the date of last shipment whichever period shall first expire, and the SELLER is notified thereof, SELLER shall, at his own expense and as promptly as possible, make such alterations, repairs and replacements as may necessary to permit the materials to function in accordance with the specifications and to fulfil the foregoing guarantees.

PURCHASER may, at his option, remove such defective materials, at SELLER'S expense in which event SELLER shall, without cost to PURCHASER and as promptly as possible, furnish and install proper materials. Repaired or replaced materials shall be similarly guaranteed by the SELLER for a period of no less than twelve (12) months from the date of replacement/repair.

In the event that the materials supplied do not meet the specifications and/or not in accordance with the drawings data sheets or the terms of the Contract and rectification is required at site, PURCHASER shall notify the SELLER giving full details of differences. The SELLER shall attend the site within seven (7) days of receipt of such notice to meet and agree with representatives of PURCHASER, the action required to correct the deficiency. Should the SELLER fail to attend meeting at Site within the time specified above, PURCHASER shall immediately rectify the work/materials and SELLER shall reimburse PURCHASER all costs and expenses incurred in connection with such trouble or defect.

20.2 PERFORMANCE GUARANTEE OF EQUIPMENT

20.2.1 SELLER shall guarantee that the performance of the EQUIPMENT supplied under the CONTRACT shall be strictly in conformity with the specifications and shall perform the duties specified under the CONTRACT.

20.2.2 If the SELLER fails to prove the guaranteed performance of the EQUIPMENT set forth in the specification, the SELLER shall investigate the causes and carry out necessary rectifications /modifications to achieve the guaranteed performance. In case the SELLER fails to do so within a reasonable period, the SELLER shall replace the EQUIPMENT and prove guaranteed performance of the new equipment without any extra cost to PURCHASER.

20.2.3 If the SELLER fails to prove the guarantee within a reasonable period, PURCHASER shall have the option to take over the EQUIPMENT and rectify, if possible, the EQUIPMENT to fulfil the guarantees and/or to make necessary additions to make up the deficiency at Seller's risk and cost. All expenditure incurred by the PURCHASER in this regard shall be to SELLER's account.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

21 Terms of Payment

- 21.1 The method of payment to be made to the SELLER under this CONTRACT shall be specified in the Special Conditions of Contract.
- 21.2 The type(s) of payment to be made to the SELLER under this CONTRACT shall be specified in the Special Conditions of Contract.
- 21.3 The SELLER's request(s) for payment shall be made to the PURCHASER in writing accompanied by an invoice describing, as appropriate, the Goods delivered and services performed, and by shipping documents submitted, and upon fulfillment of other obligations stipulated in the Contract.
- 21.4 Payment will be made in the currency or currencies in which the Contract Price has been stated in the SELLER's bid, as well as in other currencies in which the SELLER had indicated in his bid that he intends to incur expenditure in the performance of the Contract and wishes to be paid. If the requirements are stated as a percentage of the bid price along with exchange rates used in such calculations these exchange rates shall be maintained.

General Notes:

1. All foreign currency payments to foreign bidder shall be released through an irrevocable Letter of Credit, which shall be opened through Government of India Nationalized Bank and hence shall not be confirmed. In case any bidder insists on confirmation, charges towards confirmation shall be borne by him. L/C shall be established within 30 days after receipt of unconditional acceptance of Letter /Fax of Intent together with Performance Guarantee for 10% of Contract / Delivery Order Value.
2. For dispatches on FOT dispatch point (in India) basis, the payment shall be through PURCHASER's bank. Payment through Bank, wherever applicable, shall be released as per normal banking procedures.
3. Payment shall be released within 30 days after receipt of relevant documents complete in all respects.
4. All bank charges incurred in connection with payments shall be to Seller's account in case of Indian bidders and to respective accounts in case of foreign bidder.
5. Unless otherwise specifically stated in bid document, all payments shall be made in the currency quoted.
6. No interest charges for delay in payments, if any, shall be payable by PURCHASER.
7. In case of Indian bidder, variation, if any, on account of customs duty on their built-in- import content, as per terms of bid document, shall be claimed separately by bidder after receipt of goods at site (s). However, any price benefits to the PURCHASER, on account of such variation as per terms specified in the bid document, shall be passed on to the PURCHASER along with invoicing itself.
8. Agency commission, if any, to Indian agent for foreign bidders, indicated in prices, shall be paid to the agent in equivalent Indian Rupees on receipt and acceptance of material at site.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

22 Prices

- 22.1 Prices charged by the SELLER for Goods delivered and services performed under the CONTRACT shall not, with the exception of any price adjustments authorized by the Contract vary from the prices quoted by the SELLER in his bid.

23 Subletting & Assignment

- 23.1 The contractor shall not without previous consent in writing of the PURCHASER authority, 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.

24 Time as Essence of Contract

- 24.1 The time and date of delivery/completion of the GOODS/SERVICES as stipulated in the Contract shall be deemed to be the essence of the Contract.

25 Delays in The Seller's Performance

- 25.1 If the specified delivery schedule is not adhered to or the progress of manufacture or supply of the items is not satisfactory or is not in accordance with the progress schedule the PURCHASER has the right to:

- i) hire for period of delay from elsewhere goods which in PURCHASER's opinion will meet the same purpose as the goods which are delayed and SELLER shall be liable without limitation for the hire charges; or
- ii) cancel the CONTRACT in whole or in part without liability for cancellation charges. In that event, PURCHASER may procure from elsewhere goods which PURCHASER's opinion would meet the same purpose as the goods for which CONTRACT is cancelled and SELLER shall be liable without limitations for the difference between the cost of such substitution and the price set forth in the CONTRACT for the goods involved; or
- iii) hire the substitute goods vide (i) above and if the ordered goods continue to remain undelivered thereafter, cancel the order in part or in full vide (ii) above.

- 25.2 Any inexcusable delay by the SELLER or his sub-contractor shall render the SELLER liable, without prejudice to any other terms of the Contract, to any or all of the following sanctions:
forfeiture of Contract performance guarantee, imposition of price reduction for delay in delivery and termination of the contract for default.

26 Price Reduction Schedule for Delayed Delivery

- 26.1 Subject to Article -29, if the SELLER fails to deliver any or all of the GOODS or performance the services within the time period (s) specified in the CONTRACT, the PURCHASER shall, without prejudice to his other remedies under the CONTRACT, deduct from the CONTRACT PRICE, a sum calculated on the basis of the CONTRACT PRICE, including subsequent modifications.

- 26.1.1 Deductions shall apply as per following formula:

In case of delay in delivery of equipment/materials or delay in completion, total contract price shall be reduced by ½% (half percent) of the total contract price per complete week of delay or part thereof subject to a maximum of 5% (five percent) of the total contract price.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

26.2 In case of delay in delivery on the part of Seller, the invoice/document value shall be reduced proportionately for the delay and payment shall be released accordingly.

26.3 In the event the invoice value is not reduced proportionately for the delay, the PURCHASER may deduct the amount so payable by SELLER, from any amount falling due to the SELLER or by recovery against the Performance Guarantee.

Both seller and PURCHASER agree that the above percentages of price reduction are genuine pre estimates of the loss/damage which the PURCHASER would have suffered on account of delay/breach on the part of the SELLER and the said amount will be payable on demand without there being any proof of the actual loss/or damage caused by such breach/delay. A decision of the PURCHASER in the matter of applicability of price reduction shall be final and binding.

27 Rejections, Removal of Rejected Equipment & Replacement

27.1 Preliminary inspection at SELLER's works by INSPECTOR shall not prejudice PURCHASER's claim for rejection of the EQUIPMENT on final inspection at SITE or claims under warranty provisions.

27.2 If the EQUIPMENTS are not of specification or fail to perform specified duties or are otherwise not satisfactory the PURCHASER shall be entitled to reject the EQUIPMENT/MATERIAL or part thereof and ask free replacement within reasonable time failing which obtain his requirements from elsewhere at SELLER's cost and risk.

27.3 Nothing in this clause shall be deemed to deprive the PURCHASER AND/OR AFFECT ANY rights under the Contract which it may otherwise have in respect of such defects or deficiencies or in any way relieve the SELLER of his obligations under the Contract.

27.4 EQUIPMENT rejected by the PURCHASER shall be removed by the Seller at his cost within 14 days of notice after repaying the amounts received against the SUPPLY. The PURCHASER shall in no way be responsible for any deterioration or damage to the EQUIPMENT under any circumstances whatsoever.

27.5 In case of rejection of EQUIPMENT, PURCHASER shall have the right to recover the amounts, if any, from any of CONTRACTOR'S invoices pending with PURCHASER or by alternative method(s).

28 Termination of Contract

28.1 Termination for Default

28.1.1 The PURCHASER may, without prejudice to any other remedy for breach of CONTRACT, by written notice of default sent to the SELLER, terminate the CONTRACT in whole or in part:

- A) If the SELLER fails to deliver any or all of the GOODS within the time period(s) specified in the CONTRACT; or
- B) If the SELLER fails to perform any other obligation(s) under the CONTRACT, and
- C) If the SELLER, in either of the above circumstances, does not cure his failure within a period of 30 days (or such longer period as the PURCHASER may authorize in writing) after receipt of the default notice from the PURCHASER.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

28.1.2 In the event the PURCHASER terminates the CONTRACT in whole or in part, pursuant to Article 28.1.1, the PURCHASER may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered and the SELLER shall be liable to the PURCHASER for any excess costs for such similar GOODS. However, the SELLER shall continue performance of the CONTRACT to the extent not terminated.

28.1.3 In case of termination of CONTRACT herein set forth (under clause 28) except under conditions of Force Majeure and termination after expiry of contract, the VENDOR shall be put under holiday [i.e. neither any enquiry will be issued to the party by MAHARSHRATRA NATURAL GAS LIMITED against any type of tender nor their offer will be considered by MNGL against any ongoing tender (s) where contract between MNGL and that particular VENDOR (as a bidder) has not been finalized] for three years from the date of termination by MAHARSHRATRA NATURAL GAS LIMITED to such VENDOR.

28.2 Termination for Insolvency

The PURCHASER, may at any time, terminate the CONTRACT by giving written notice to the SELLER, without compensation to the SELLER, if the SELLER becomes bankrupt or otherwise insolvent, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the PURCHASER.

28.3 Termination for Convenience

28.3.1 The PURCHASER may, by written notice sent to the SELLER, terminate the CONTRACT, in whole or part, at any time for his convenience. The notice of termination shall specify that termination is for the PURCHASER's convenience, the extent to which performance of work under the CONTRACT is terminated and the date upon which such termination becomes effective.

28.3.2 The GOODS that are complete and ready for shipment within 30 days after the SELLER's receipt of notice of termination shall be purchased by the PURCHASER at the CONTRACT terms and prices. For the remaining GOODS, the PURCHASER may opt:

- a) to have any portion completed and delivered at the CONTRACT terms and prices, and /or
- b) to cancel the remainder and pay to the SELLER an agreed amount for partially completed GOODS and for materials and parts previously procured by the SELLER.

29 Force Majeure

29.1 Shall mean and be limited to the following:

- a) War/hostilities
- b) Riot or Civil commotion
- c) Earthquake, flood, tempest, lightening or other natural physical disaster.
- d) Restrictions imposed by the Government or other Statutory bodies which prevents or delays the execution of the Contract by the SELLER.

The SELLER shall advise PURCHASER/CONSULTANT by a registered letter duly certified by the local Chamber of Commerce or statutory authorities, the beginning and



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

end of the above causes of delay within seven (7) days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting over one month, if arising out of causes of Force Majeure, PURCHASER reserves the right to cancel the Contract and the provisions governing termination stated under Article 28.0 shall apply.

For delays arising out of Force Majeure, the SELLER shall not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither PURCHASER/CONSULTANT nor SELLER shall be liable to pay extra costs provided it is mutually established that Force Majeure Conditions did actually exist.

SELLER shall categorically specify the extent of Force Majeure Conditions prevalent in their works at the time of submitting their bid and whether the same have been taken into consideration or not in their quotations. In the event of any force majeure cause, the SELLER or the PURCHASER shall not be liable for delays in performing their obligations under this order and the delivery dates will be extended to the SELLER without being subject to price reduction for delayed deliveries, as stated elsewhere.

30 Resolution of Disputes/Arbitration

- 30.1 The PURCHASER and the SELLER shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the contract.
- 30.2 If, after thirty days from the commencement of such informal negotiations, the PURCHASER and the SELLER have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred for resolution to the formal mechanism as specified hereunder.
- 30.3 The Contract shall be, in all respects be construed and operated as an Indian Contract and in accordance with Indian Laws as in force for the time being and is subject to and referred to the Court of Law situated at Pune.
- 30.4 Arbitration
All disputes, controversies, or claims between the parties (except in matters where the decision of the Engineer-in-Charge is deemed to be final and binding) which cannot be mutually resolved within a reasonable time shall be referred to Arbitration by a sole arbitrator.

The PURCHASER (MNGL) shall suggest a panel of three independent and distinguished persons to the Seller to select any one among them to act as the sole Arbitrator.

In the event of failure of the Seller to select the Sole Arbitrator within 30 days from the receipt of the communication suggesting the panel of arbitrators, the right of selection of Sole Arbitrator by the other party shall stand forfeited and the PURCHASER shall have discretion to proceed with the appointment of the Sole Arbitrator. The decision of the PURCHASER on the appointment of Sole Arbitrator shall be final and binding on the parties.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

The award of the Sole Arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the Sole Arbitrator, the cost of arbitration proceedings shall be shared equally by the parties. All matters relating to this contract are subject to the exclusive jurisdiction of the courts situated at Pune. Subject to the above, the provisions of (Indian) Arbitration & Conciliation Act, 1996 and the rules framed thereunder shall be applicable. All matters relating to this contract are subject to the exclusive jurisdiction of the Courts situated at **Pune, Maharashtra, India.**

31 Governing Language

- 31.1 The Contract shall be written in English language as specified by the PURCHASER in the Instruction to Bidders. All literature, correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in English language. Printed literature in other language shall only be considered, if it is accompanied by an English translation. For the purposes of interpretation, English translation shall govern and be binding on all parties.

32 Notices

- 32.1 Any notice given by one party to the other pursuant to the Contract shall be sent in writing or by telegram or fax, telex/cable confirmed in writing.
- 32.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

33 Taxes & Duties

- 33.1 A foreign Seller shall be entirely responsible for all taxes, stamp duties, licence fees, and other such levies imposed outside the PURCHASER's country.
- 33.2 A domestic Seller shall be entirely responsible for all taxes, duties, licence fees etc. incurred until the delivery of the contracted goods to the PURCHASER. However, Goods & Service Tax on finished products shall be reimbursed by PURCHASER.
- 33.3 Customs duty payable in India for imported goods ordered by PURCHASER on foreign Seller shall be borne and paid by PURCHASER.
- 33.4 Any income tax payable in respect of supervisory services rendered by foreign Seller under the Contract shall be as per the Indian Income Tax Act and shall be borne by SELLER.

34 Books & Records

- 34.1 SELLER shall maintain adequate books and records in connection with Contract and shall make them available for inspection and audit by PURCHASER/CONSULTANT or their authorized agents or representatives during the terms of Contract until expiry of the performance guarantee. Fixed price (lumpsum or unit price) Contract will not be subject to audit as to cost except for cost reimbursable items, such as escalation and termination claims, transportation and comparable requirements.

35 Permits & Certificates

- 35.1 SELLER shall procure, at his expense, all necessary permits, certificates and licences required by virtue of all applicable laws, regulations, ordinances and other rules in effect at the place where any of the work is to be performed, and SELLER further



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

agrees to hold PURCHASER and/or CONSULTANT harmless from liability or penalty which might be imposed by reason of any asserted or established violation of such laws, regulations, ordinances or other rules. PURCHASER will provide necessary permits for SELLER's personnel to undertake any work in India in connection with Contract.

36 General

- 36.1 In the event that terms and conditions stipulated in the General Conditions of Contract should deviate from terms and conditions stipulated in the Contract, the latter shall prevail.
- 36.2 Losses due to non-compliance of Instructions Losses or damages occurring to the PURCHASER owing to the SELLER's failure to adhere to any of the instructions given by the PURCHASER in connection with the contract execution shall be recoverable from the SELLER.
- 36.3 Recovery of sums due
All costs, damages or expenses which the PURCHASER may have paid, for which under the CONTRACT SELLER is liable, may be recovered by the PURCHASER (he is hereby irrevocably authorized to do so) from any money due to or becoming due to the SELLER under this Contract or other Contracts and/or may be recovered by action at law or otherwise. If the same due to the SELLER be not sufficient to recover the recoverable amount, the SELLER shall pay to the PURCHASER, on demand, the balance amount.
- 36.4 Payments, etc. not to affect rights of the PURCHASER No sum paid on account by the PURCHASER nor any extension of the date for completion granted by the PURCHASER shall affect or prejudice the rights of the PURCHASER against the SELLER or relieve the SELLER of his obligation for the due fulfillment of the CONTRACT.
- 36.5 Cut-off Dates
No claims or correspondence on this Contract shall be entertained by the PURCHASER after 90 days after expiry of the performance guarantee (from the date of final extension, if any)
- 36.6 Paragraph heading
The paragraph heading in these conditions shall not affect the construction thereof.

37 Import License

- 37.1 No import license is required for the imports covered under this document.

38 FALL CLAUSE

- 38.1 The price charged for the materials supplied under the order by the supplier shall in no event exceed the lowest price at which the supplier or his agent/principal/dealer, as the case may be, sells the materials of identical description to any persons/organizations including the Purchaser or any department of the Central Govt. or any Deptt. Of a State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be, during the currency of the order.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- 38.2 If at any time during the said period, the supplier or his agent/principal/dealer, as the case may be, reduces the sale price, sells or offers to sell such materials to any persons/organizations including the Purchaser or any Dept. of Central Govt. or State Govt. as the case may be, at a price lower than the price chargeable under the order, he shall forthwith notify such reduction or sale or offer of sale to the Purchase Authority who has issued this order and the price payable under the order for the materials supplied after the date of coming into force of such reduction or sale or offer of sale shall stand correspondingly reduced.

The above stipulation will, however, not apply to:

- a) Exports by the Contractor/Supplier or
- b) Sale of goods as original equipment at prices lower than the prices charged for normal replacement
- c) sale of goods such as drugs which have expiry dates.

- 38.3 The supplier shall furnish the following certificate to the concerned Paying Authority along with each bill for payment for supplies made against this order:

"I/We certify that there has been no reduction in sale price of the items/goods/materials of description identical to those supplied to the MNGL under the order herein and such items/ goods/materials have not been offered/sold by me/us to any person/organizations including the Purchaser or any Deptt. Of Central Govt. or any Deptt. Of State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be upto the date of bill/during the currency of the order whichever is later, at a price lower than the price charged to the MNGL under the order.

Such a certificate shall be obtained, except for quantity of items/goods/materials categories under sub-clause (a),(b) & (c) of sub-para 38.2 above, of which details shall be furnished by the supplier.

39 Publicity & Advertising

- 39.1 Seller shall not without the written permission of PURCHASER make a reference to PURCHASER or any Company affiliated with PURCHASER or to the destination or the description of goods or services supplied under the contract in any publication, publicity or advertising media.

40 Limitation of Liability

- 40.1 Notwithstanding anything contrary contained herein, the aggregate total liability of Seller under the Agreement or otherwise shall be limited to 100% of Agreement / Order price. However, neither party shall be liable to the other party for any indirect and consequential damages, loss of profits or loss of production.




**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION III

5. FORMS AND FORMATS

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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CONTENTS

SR. NO. DESCRIPTION

1) LIST OF FORMS

- i) F – 1 : Bidder's General Information
- ii) F – 2 : Bid Form
- iii) F – 3 : Bidders Financial Details
- iv) F – 4 : Proforma for Bank Guarantee for EMD / Bid Security
- v) F – 5 : Letter of Authority
- vi) F – 6 : No Deviation Confirmation
- vii) F – 7 : Certificate
- viii) F – 8 : Details of similar work done during past ten years
- ix) F – 9 : Check List for Agreed Terms and Conditions
- x) F – 10 : Proforma of Bank Guarantee for Contract Performance Security
- xi) F – 11 : Packing, Marking and Shipping Instructions
- xii) F – 12A : Process Compliance Form
- xiii) F – 12B : Price Confirm

2) LIST OF FORMATS

- i) Tender Acceptance Letter
- ii) Undertaking for Land Border with India
- iii) Submission of Bid (Covering letter for Bid)
- iv) Declaration
- v) Details of Litigation
- vi) Supply records for meeting BEC
- vii) Bidder's Pre-Bid Queries
- viii) Commercial Questionnaire
- ix) Letter of Credit for Negative Working Capital
- x) Check List for Bidders



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 1 of 2

FORM F-1

BIDDER'S GENERAL INFORMATION

- 1.1 Firm Name : _____
- 1.2 Number of Years in Operation : _____
- 1.3 Registered Address : _____

- 1.4 Operation Address : _____
(if different from above)

- 1.5 Mobile Number : _____
- 1.6 Telephone Number : _____
(Country Code) (Area Code) (Telephone No.)
- 1.7 E-mail address : _____
- 1.8 Website address : _____
- 1.9 Telefax Number : _____
(Country Code) (Area Code) (Telephone No.)
- 1.10 Contact Person Details
- Name : _____
- Mobile No : _____
- Email ID : _____
- 1.11 ISO Certification, if any : _____
{If yes, please furnish details}
- 1.12 Whether Supplier / Manufacturer / Dealer / Trader / Service Provider: _____
- 1.13 Types of material / service provided _____

(Stamp & Signature of Bidder)



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 2 of 2

- 1.14 Bank's Name : _____
- 1.15 Bank's Branch : _____
- 1.16 Bank account Number : _____
- 1.17 Account type : _____
- 1.18 IFSC Code : _____
- 1.20 Type of Firm: Proprietary/
Partnership/ PVT/Public Ltd. : _____
- 1.21 If others, please specify : _____
- 1.22 Details of Directors/
Proprietors/ Partners : _____
- 1.23 PAN No : _____
- 1.24 EPF No : _____
- 1.25 MSME category, if applicable
- (i) Type of Enterprises : _____
(Micro / Small / Medium)
- (ii) MSME / NSIC Reg. No. : _____
- 1.26 GST Registration no. : _____
(If registered)
- 1.27 If GST unregistered (Reason): _____
(Turnover threshold / Providing exemption goods or services / Others, please specify)

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORM F-2

BID FORM

To
M/s Maharashtra Natural Gas Limited
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune - 411045

Dear Sir,

After examining/ reviewing the Bidding Documents for _____,
including technical specifications, drawings, General and Special Conditions of Contract and
schedule of rates etc. The receipt of which is hereby duly acknowledged, we, the undersigned,
pleased to offer to execute the whole of the Job of
_____ and in conformity with, the said Bid Document,
including Addenda Nos. (if any).

We confirm that this bid is valid for a period of four (4) months from the date of opening of
Techno-commercial Bid, and it shall remain binding upon us and may be accepted by any
time before the expiration of that period.

If our bid is accepted, we will provide the performance security equal to 10% (ten percent) of
the Annualized Contract Price / order value, for the due performance with in fifteen days of
such award.

Until a final Agreement is prepared and executed, the bid together with your written
acceptance thereof in your notification of award shall constitute a binding Agreement between
us.

We understand that Bid Document is not exhaustive, and any action and activity not
mentioned in Bid Documents but may be inferred to be included to meet the intend of the Bid
Documents shall be deemed to be mentioned in Bid Documents unless otherwise specifically
excluded and we confirm to perform for fulfillment of Agreement and completeness of the
Work in all respects within the time frame and agreed price.

We understand that you are not bound to accept the lowest priced or any bid that you may
receive.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 1 of 2

FORM F-3

BIDDERS FINANCIAL DETAILS

Date: _____

Bidders Legal Name: _____

i. Annual Turnover data for the last 3 audited financial years.

Year	Currency	Amount	Exchange Rate (*)	Amount (INR) (*)
Year 1: 2024-25				
Year 2: 2023-24				
Year 3: 2022-23				

* Exchange Rate is applicable in case of currency is other than INR.

1. The information supplied should be the Annual Turnover of the Bidder.
2. A brief note should be appended describing thereby details of turnover along with audited balance sheet with profit & loss account statement for the last 3 years.

ii. Annual Net-worth data for the last 3 years


Year	Currency	Amount	Exchange Rate (*)	Amount (INR) (*)
Year 1: 2024-25				
Year 2: 2023-24				
Year 3: 2022-23				

* Exchange Rate is applicable in case of currency is other than INR.

1. Net Worth = Reserves + Capitals – Accumulated Loss

Bidder must submit CA Audited (with UDIN No) Financial Year wise Statements supporting above.

(Stamp & Signature of Bidder)

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL. Bid No.: MNGL/CP/2026-27/32
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Sheet 2 of 2

iii. **Financial Data for last Audited Financial Year**

Sr. No.	Description	Financial Year (2024-25)		
		Amount	Exchange Rate (*)	Amount (INR) (*)
1.	Current Assets			
2.	Current Liabilities			
3.	Working Capital (1-2)			
4.	Net Worth Owners' funds (Paid up share capital and Free Reserves & Surplus)			
5.	Profits before taxes			
6.	Return on Equity (5/4) x 100			

1. Attached are copies of the audited balance sheets, including all related notes, and income statement for the last Audited Financial year, as indicated above, complying with the following conditions.
2. All such documents reflect the financial situation of the bidder, and not sister or parent companies.
3. Historic financial statements must be audited by a certified accountant.
4. Historic financial statements must be complete, including all notes to the financial statements.
5. Historic financial statements must correspond to accounting periods already completed and audited (no statement for partial period shall be requested or accepted).

Bidder must submit CA Audited (with UDIN No) Financial Year wise Statements supporting above.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORM F-4

Sheet 1 of 2

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT/ BID SECURITY

(To be stamped in accordance with the Stamp Act)

Bank Guarantee No. Ref: Date

To
Maharashtra Natural Gas Limited,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune - 411045

Dear Sir(s),

In accordance with Letter Inviting Tender under your reference No. _____
M/s _____ having their Registered/ Head Office at
_____ (hereinafter called the Tenderer) wish to participate in the said tender
for _____

As an irrevocable Bank Guarantee against Earnest Money for the amount of _____
is required to be submitted by the Tenderer as a condition precedent for participation in the
said tender which amount is liable to be forfeited on the happening of any contingencies
mentioned in the Tender Document.

We, the _____ Bank at _____
having our Head Office _____ (Local
Address) guarantee and undertake to pay immediately on demand without any recourse to the
tenderers by Maharashtra Natural Gas Limited the amount _____
without any reservation, protest, demur and recourse. Any such demand made by MNGL,
shall be conclusive and binding on us irrespective of any dispute or difference raised by the
Tenderer.

This guarantee shall be irrevocable and shall remain valid up to _____ [this date
should be 6 months after the date finally set out for closing of tender]. If any further extension
of this guarantee is required, the same shall be extended to such required period on receiving
instructions from M/s _____ whose behalf this guarantee is
issued.

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this
_____ day of _____ 2023 at _____.

WITNESS:

(SIGNATURE)
(NAME)

(OFFICIAL ADDRESS)

(SIGNATURE)
(NAME)

Designation with Bank Stamp

Attorney as per

Power of Attorney No. _____

Date: _____



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 2 of 2

**INSTRUCTIONS FOR FURNISHING BID-GUARANTEE/
BANK GUARANTEE**

1. The Bank Guarantee by bidders will be given on non-judicial stamp paper as per stamp duty applicable. The non-judicial stamp paper should be in the name of the issuing bank. In case of foreign bank, the said banks guarantee to be issued by its correspondent bank in India on requisite non-judicial stamp paper.
2. The expiry date as mentioned in bid document should be arrived at by adding 2 months to the date of expiry of the bid validity unless otherwise specified in the Bid Documents.
3. The bank guarantee by bidders will be given from bank as specified in ITB
4. A letter from the issuing bank of the requisite Bank Guarantee confirming that said bank guarantee/ all future communication relating to the Bank Guarantee shall be forwarded to the Employer at its address as mentioned at ITB.
5. Bidders must indicate the full postal address of the bank along with the bank's E-mail/ Fax. from where the earnest money bond has been issued.

**NOTE: Bidder to Submit Bank Guarantee along
with SWIFT statement and it is mandatory.**



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORM F-5

**LETTER OF AUTHORITY
PROFORMA FOR LETTER OF AUTHORITY FOR ATTENDING AND SUBSEQUENT
NEGOTIATIONS/CONFERENCES**

Date:

To,
Maharashtra Natural Gas Limited,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune - 411045

Dear Sir,

We _____ (Name of Bidder) hereby
authorize following representative(s) to attend un-priced bid opening and price bid opening
and for any other correspondence and communication against above Bidding Document:

1) Name & Designation _____ Signature _____

2) Name & Designation _____ Signature _____

We confirm that we shall be bound by all commitments made by aforementioned authorized
representatives.

(Stamp & Signature of Bidder)


Name:

Designation:

Date:

Note: This letter of authority should be on the letterhead of the bidder and should be signed
by a person competent and having the power of attorney to bind the bidder.

Not more than two persons are permitted to attend techno-commercial un-priced and
price bid opening.

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL. Bid No.: MNGL/CP/2026-27/32
--	--

FORM F-6

NO DEVIATION CONFIRMATION

EXCEPTION AND DEVIATION STATEMENT

Bidder may stipulate exceptions and deviations to Bid Document, if considered unavoidable as per the following format:

SR. NO.	CLAUSE NO.	PAGE NO. OF TENDER DOCUMENT	DEVIATION	REASONS FOR DEVIATION

Any exceptions / deviations brought out by us elsewhere in our Offer shall not be considered as valid and should be ignored by the Owner.

NOTE - In case of no exceptions / deviations, bidder needs to mention "No Deviations" in above table. Blank table with sign and stamp of the bidder to be presumed as "No Deviations" taken by the bidder.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORM F-7

CERTIFICATE

To,
Maharashtra Natural Gas Limited,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune - 411045

Dear Sir,

If, we become a successful bidder and pursuant to the provisions of the Bidding Documents and contract is awarded to us the following certificate shall be automatically enforceable:

‘We agree and acknowledge that the Employer is entering into the Agreement solely on its own behalf and not on behalf of any other person or entity. In particular, it is expressly understood and agreed that the Government of India is not a party to the Agreement and has no liabilities, obligations or rights there under. It is expressly understood and agreed that the Employer is authorized to enter into Agreement, solely on its own behalf under the applicable laws of India. We expressly agree, acknowledge and understand that the Employer is not an agent, representative or delegate of the Government of India. It is further understood and agreed that the Government of India is not and shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the Agreement. Accordingly, we hereby expressly waive, release and forego any and all actions or claims, including cross claims, VIP claims or counterclaims against the Government of India arising out of the Agreement and covenants not to sue to Government of India as to any manner, claim, cause of action or things whatsoever arising of or under the Agreement.’

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORM F-8

DETAILS OF SIMILAR WORK DONE DURING PAST TEN YEARS

Description of the work	Location of the work	Full Post Address and Phone nos. of Client & Name of Officer- in charge	Value of Contract	Date of Commencement of work	Scheduled Completion Time (Months)	Date of Actual Completion	Reasons for delay in project completion, if any

Note: Copies of letter of award and completion certificate for the above works to be enclosed.

The work completed earlier than three years need not be indicated here.

The list of work, not of similar nature need not be indicated here.

Failing to comply aforementioned instructions may lead to rejection of bid.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORM F-9

CHECK LIST FOR AGREED TERMS AND CONDITIONS

Sr. No.	DESCRIPTION	BIDDER'S CONFIRMATION
1.	Price & Delivery Basis	FOT- MNGL Store basis at various Locations
2.	Firm & Fixed Prices (As per Tender document)	Accepted
3.	Supply as per scope defined in the Tender documents	Included
4.	All Taxes, duties, levies, etc. included in price	Included
5.	Packing & Forwarding is Included in unit price	Included
6.	Delivery period (As per Tender document)	Accepted
7.	Guarantee/ Warranty Clause	Accepted
8.	Price Reduction Schedule as per Tender document	Accepted
9.	Term of Payments (As per Tender document)	Accepted
10.	Contract-Cum-Equipment Performance Bank Guarantee to be submitted as per tender document	Accepted
11.	Firm Price - during the entire duration of contract (As per Tender document)	Accepted
12.	Validity of bid & bid security	Accepted
13.	Bid Security (EMD) & Details of EMD	Submitted
14.	Price Quoted as per SOR.	Yes
15.	Deviation / exception Form 5	Yes
16.	Defect Liability Period/ Warranty	Accepted
17.	Goods & Service Tax	Included
18.	General & Special Conditions of Contract & Technical terms and conditions of the Tender	Accepted

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 1 of 2

FORM F-10

**PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE SECURITY
(ON NON-JUDICIAL PAPER OF APPROPRIATE VALUE)**

TO:

M/s Maharashtra Natural Gas Limited
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune - 411045

Dear Sir,

M/s _____ have been awarded the work of
_____ for Maharashtra Natural Gas Limited, PUNE vide
SO No. _____ dated _____.

The Contracts conditions provide that the CONTRACTOR shall pay a sum of Rs. _____
(Rupees _____)
as full Contract Performance Guarantee in the form therein mentioned. The form of payment
of Contract Performance Guarantee includes guarantee executed by Nationalized Bank,
undertaking full responsibility to indemnify Maharashtra Natural Gas Limited, in case of
default.

The said _____ has approached us
and at their request and in consideration of the premises we _____ having our office
at _____ have agreed to give such guarantee as
hereinafter mentioned.

1. We _____ hereby undertake and agree
with you that if default shall be made by M/s _____
_____ in performing any of the terms and conditions of the tender or in
payment of any money payable to Maharashtra Natural Gas Limited we shall on
demand pay without any recourse to the contractor to you in such manner as you may
direct the said amount of Rupees _____ only or such
portion thereof not exceeding the said sum as you may from time to time require.
2. You will have the full liberty without reference to us and without affecting this
guarantee, postpone for any time or from time to time the exercise of any of the
powers and rights conferred on you under the contract with the said _____
_____ and to enforce or to forbear from endorsing any
powers or rights or by reason of time being given to the said
_____ which under law relating to the sureties would but for
provision have the effect of releasing us.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 2 of 2

3. Your right to recover the said sum of Rs. _____
(Rupees _____) from us in manner aforesaid will
not be affected or suspended by reason of the fact that any dispute or disputes have
been raised by the said M/s _____ and/ or that any
dispute or disputes are pending before any officer, tribunal or court.
4. The guarantee herein contained shall not be determined or affected by the liquidation
or winding up dissolution or changes of constitution or insolvency of the said but shall
in all respects and for all purposes be binding and operative until payment of all money
due to you in respect of such liabilities is paid.
5. This guarantee shall be irrevocable and shall remain valid up to _____. If
any further extension of this guarantee is required, the same shall be extended to such
required period on receiving instruction from M/s _____
_____ on whose behalf this guarantee is issued.
6. The Bank Guarantee's payment of an amount is payable on demand and in any case
within 48 hours of the presentation of the letter of invocation of Bank Guarantee. Any
dispute arising out of or in relation to the said Bank Guarantee shall be subject to the
jurisdiction of Pune or High Court of Mumbai.
7. We have power to issue this guarantee in your favour under Memorandum and Articles
of Association and the undersigned has full power to do under the Power of Attorney
dated _____ granted to him by the Bank.

Yours faithfully,

_____ Bank

By its Constituted Attorney

Signature of a person duly
authorized to sign on behalf of the
Bank.

**NOTE: Bidder to Submit Bank Guarantee along
with SWIFT statement and it is mandatory.**



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 1 of 4

F – 11

PACKING, MARKING AND SHIPPING INSTRUCTIONS

The Packing, Marking, Shipping and Documentation for Goods shall be as follows:

- a) The SUPPLIER shall provide such Packing of GOODS as is required to prevent their damage or deterioration during transit to their final destination as indicated in the CONTRACT. The Packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the GOODS final destination and the absence of heavy handling facilities at all points in transit.
- b) The packing, markings and documentation within and outside the packages, shall comply strictly with such special requirements as shall be expressly provided for in the documents.
- c) SUPPLIER shall comply with all applicable prescriptions in the specifications. Lack of relevant information and/or documents shall not absolve the SUPPLIER of his responsibilities.
- d) Supplier shall ensure that consignments destined for different project sites as detailed in Purchase Order are packed separately and marked clearly.

1.0 SPECIFICATIONS FOR GOODS BEING PROCURED INDIGENOUSLY

1.1 Packing

- 1.1.1 The packing specifications incorporated herein are supplementary to the internal and external packing methods and standards as per current general rules of IRCA Goods Tariff Part I. All packaging shall be done in such a manner as to reduce volume as much as possible. Fragile articles should be packed with special packing materials depending on the type of materials.
- 1.1.2 Items shipped in bundles must be securely tied with steel wire or strapping. Steel reinforcing rods, bars, pipes, structural members etc. shall be bundled in uniform lengths and the weight shall be within the breaking strength of the securing wire or strapping.
- 1.1.3 All delicate surface on equipment's/materials should be carefully protected and painted with protective paint/compound and wrapped to prevent rusting and damage.
- 1.1.4 All mechanical and electrical equipment and other heavy articles shall be securely fastened to the case bottom and shall be blocked and braced to avoid any displacement/shifting during transit.
- 1.1.5 Attachments and spare parts of equipment and all small pieces shall be packed separately in wooden cases with adequate protection inside the case and wherever possible should be sent along with the main equipment. Each item shall be suitably



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 2 of 4

tagged with identification of main equipment, item denomination and reference number of respective assembly drawing. Each item of steel structure and furnaces shall be identified with two erection markings with minimum lettering height of 15 mm. Such markings will be followed by the connection number in indelible ink/ paint. A copy of the packing list shall accompany the material in each package.

- 1.1.6 All protrusions shall be suitably protected by providing a cover comprising of a tightly bolted wooden disc on the flanges.
- 1.1.7 Wherever required, equipment/materials/instruments shall be enveloped in polythene bags containing silica gel or similar dehydrating compound.
- 1.1.8 All pipes and tubes of stainless steel, copper, etc., shall be packed in wooden case or crates irrespective of their size.
- 1.1.9 Pipes with threaded or flanged ends shall be protected with suitable caps/covers, before packing.
- 1.1.10 Detailed packing list in waterproof envelope shall be inserted in the package together with equipment/material. One copy of the detailed packing list, shall be fastened outside of the package in waterproof envelope and covered by metal cover.
- 1.1.11 The supplier shall be held liable for all damages or breakages to the goods due to the defective or insufficient packing as well as for corrosion due to insufficient protection.
- 1.1.12 Packaged equipment or material showing damage, defects or shortages resulting from improper packaging material or packing procedures or having concealed damage or shortages, at the time of unpacking, shall be to the supplier's account.

1.2 Marking

- 1.2.1 Each package shall be marked on three sides with proper paints/indelible waterproof ink as follows:

**(OWNER)
PROJECT
(DESTINATION)**

Purchase order No. _____
Net Wt. _____ Kgs.
Gross Wt. _____ Kgs.
Dimensions _____ X _____ X _____ CMS.
Package No. (S. No. of total Packages) _____
Supplier's name _____

- 1.2.2 Additional marking such as 'HANDLE WITH CARE' 'THIS SIDE UP' 'FRAGILE' or any other additional indications for protection and safe handling shall be added depending on the type of material.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 3 of 4

1.2.3 Specific marking with white paint for 'SLINGING' and 'CENTRE OF GRAVITY' should be provided for all heavy lifts weighing 5 Tones and above.

1.2.4 In case of bundles/bags or other packages, wherever marking cannot be stenciled, the same shall be embossed on metal or similar tag and wired securely at two convenient points.

1.3 Dispatch

(a) Dispatch of materials shall be made in accordance with the relevant terms of the CONTRACT FORM. Any change in mode of transport shall be resorted to only after prior approval in writing. SUPPLIER shall ensure dispatch of GOODS immediately after they are inspected and released and shall intimate status of dispatch by fax to

- General Manager (C&P), MNGL, Pune
- Respective consignee fax nos. at site (to be indicated in Purchase Order).

(b) Dispatch by Road

(i) The SUPPLIER shall be responsible for dispatch of materials through a reliable Bank approved transport company unless, the Transport Company is named by PURCHASER.

(ii) The SUPPLIER shall ensure with Transport Company the delivery of materials within a reasonable transit period. SUPPLIER shall also obtain from transporter particulars of Lorry Number, transporter's Challan Number, destination of Lorry (if transshipment is involved), Transporter's Agent at destination, if any, etc. and intimate same following: -

- General Manager (C&P), MNGL, Pune
- Respective consignee fax nos. at site (to be indicated in Purchase Order).

(c) Shipment by Air

Whenever SUPPLIER is instructed by the PURCHASER or its representative to airfreight any material, the SUPPLIER shall take prompt action for the same. Immediately after air shipment is effected, the SUPPLIER shall intimate by Fax the details of Airway Bill number and date, Flight number, number of packages etc. to the OWNER'S and PURCHASER'S authorities at destination Airport City. Details of MNGL's agents shall be intimated later.

(d) Advance Information

Immediately after a shipment is made SUPPLIER shall send advance information such as the particulars of materials, value, Purchase Order Number, date of dispatch, Railway receipt Wagon Number/ GOODS Consignment note number, Truck number, name of transport company and their destination Office/ Associate's address etc., by way of Fax to following:

- General Manager (C&P), MNGL, Pune
- Respective consignee fax nos. at site (to be indicated in Purchase Order).



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 4 of 4

- (e) Transmission of Dispatch Documents
SUPPLIER shall, within 48 hours of the dispatch of the GOODS depending upon the payment terms of the CONTRACT FORM either negotiate through PURCHASER'S Bankers or forward direct to PURCHASER at respective consignee address by Registered Post the following Documents in Original.
- (i) Two copies of the SUPPLIER invoice showing descriptions of the GOODS, Quantity, unit price and total amount.
 - (ii) Delivery Note/Railway Receipt/Truck Receipt.
 - (iii) Manufacturer's/Supplier's Guarantee Certificate
 - (iv) Inspection Certificate issued by the PURCHASER/CONSULTANT and/or its representative and the SUPPLIER'S factory inspection report. Copies of the above documents shall be sent to the following addresses:
- A Maharashtra Natural Gas Ltd.,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune – 411045
Ph. No. – 020 25611000
Email – gasaid@mngl.in
- B Office In-charge
Maharashtra Natural Gas Limited,
Respective MNGL Site(s) address. (The Bidder shall request for add. 15 days in advance before dispatch)
- (f) The SUPPLIER shall be responsible for any delay in clearance of the Consignment at destination and consequent wharfage/demurrage, if any, due to delay in transmittal of the Lorry/Railway receipt Consignment Note, etc.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:

*To be stamped and signed on each page



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

**F – 12 (A)
PROCESS COMPLIANCE FORM**

(Bidders are required to print this on their company's letter head and sign, stamp before emailing)

To,
M/s. MAHARASHTRA NATURAL GAS LTD.,
2nd Floor, Pride Purple Coronet,
Baner Road, Baner, Pune – 411045

Tender Title: _____

Tender Reference No: _____

Subject: Acceptance to the process related terms & conditions for the reverse auction for above tender to be conducted on **<Date of Auction>**.

Dear Sir / Ma'am,

1. I / We have downloaded / obtained the tender document(s) and gone through the tender and business rules governing the Reverse Auction for the above mentioned 'Tender/Work'.
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents and will undergo etenders.gov.in website to understand Reverse Auction process and functionality of the same.
3. I / We hereby confirm that MNGL shall not be liable or responsible in any manner whatsoever for Bidder's failure to access & bid on the etenders.gov.in portal due to loss of internet connectivity, electricity failure, virus attack, problems related to PC / laptop or any other unforeseen circumstances etc. before or during the auction event.
4. I / We hereby also confirm that we have a valid digital certificate issued by a valid Certifying Authority and self-attested copy enclosed.
5. I / We do hereby confirm that I / We will fax / e-mail the price confirmation & price break-up of our quoted price as per given format – Price Confirmation after closing of reverse auction event.
6. I / We hereby confirm that I / We will honor the Bids placed by us during auction process.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

**F – 12 (B)
PRICE CONFIRM**

(Bidders are required to print this on their company's letter head and sign, stamp before emailing)

To,
M/s Maharashtra Natural Gas Limited
Pride Purple Coronet, 2nd Floor, Baner Raod
Baner, Pune – 411045

Tender Title: _____

Tender Reference No: _____

Subject: Final price quoted Reverse Auction and price break-up for above tender.

Dear Sir / Ma'am,

I/ We confirm that we have quoted the Final Price as below:

Rs. _____ (In Figures)

Rs. _____
_____ (In Words)

(Price quoted on landed cost to MNGL).

As per our final lump-sum price during reverse auction conducted on **<Date of Auction>**
(Price Breakup attached as per MNGL evaluation sheet (excel format).

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORMAT TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

Date: _____

To,
M/s Maharashtra Natural Gas Limited
Pride Purple Coronet, 2nd Floor,
Baner Raod, Baner,
Pune – 411045

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Tender Title: _____

Dear Sir / Madam,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____ as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department / organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any MNGL/MoP&NG/Oil Public Sector Enterprise(s) undertaking.

6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason thereof summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORMAT FOR UNDERTAKING FOR LAND BORDER WITH INDIA

(To be given on Company Letter Head)

Date: _____

To,
M/s Maharashtra Natural Gas Limited,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner,
Pune – 411045

Sub: Provisions for Procurement from a Bidder which shares a land border with India

Tender No:

Tender Title:

Dear Sir,

We have read the clause regarding Provisions for Procurement from a Bidder which shares a land border with India, we certify that, bidder M/s _____
(Name of Bidder) is:

Bidder to tick (✓) or (x), the appropriate option below :

(i) Not from such a country []

(ii) If from such a country, has been registered []
with the Competent Authority.
(Evidence of valid registration by the
Competent Authority shall be attached)

We hereby certify that, we fulfil all requirements in this regard and is eligible to be considered against the subject tender.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 1 of 2

FORMAT FOR SUBMISSION OF BID (COVERING LETTER FOR BID)

(To be given on Company Letter Head)

Date: _____

To:

M/s Maharashtra Natural Gas Limited

Pride Purple Coronet, 2nd Floor,

Baner Road, Baner,

Pune – 411045

Sub: Submission of Bid

Tender No: _____

Tender Title: _____

1. I/We hereby tender for execution of the SUPPLY / SERVICES / WORKS as per TENDER DOCUMENT within the Time Schedule of completion of work for jobs, as separately signed and accepted by me/us, at the Schedule of Rates quoted by me/us for the whole work in accordance with Notice / Letter Inviting Tender, General Conditions of Contract, Special Conditions of Contract, Schedule of Rates of Completion of Job, and other documents and papers, all as detailed in the Tender documents.
2. It has been explained to me/us that the time stipulated for jobs and completion of SUPPLY / SERVICES / WORKS in all respects and in different stages mentioned in the "Time Schedule" of completion of jobs and signed and accepted by me/us in the essence of the CONTRACT. I/We agree that in the case of failure on my/our part to strictly observe the Time of Completion mentioned for jobs or any of them and to the Final Completion in all respects according to the schedule set out in the said "Time Schedule" of completion of jobs. I/We shall pay compensation to the OWNER as per provisions and stipulations contained in General Conditions of Contract and I/We agree to recovery being made as specified therein. In exceptional circumstances, extension of time which shall always be in writing may, however, be granted by the Engineer-in-Charge at his entire discretion for some items of work, and I/We agree that such extension of time will not be counted for the extension of completion dates stipulated for job and for the Final Completion as stipulated in the said "Time Schedule" of completion of jobs.
3. I/We agree to pay the Earnest Money and Contract Performance Bank Guarantee (CPBG) and accept the terms and conditions laid down in the memorandum below in this respect.

MEMORANDUM

- (a) General Description of Work _____



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 2 of 2

- (b) Earnest Money Rs _____
(Rupees) _____

The Earnest Money is payable in the manner set out in para 5 below.

The Earnest Money, if the tender is accepted, will be adjusted against the Contract Performance Bank Guarantee (CPBG), when Earnest Money is paid by demand draft only.

- (c) Contract Performance Bank Amount as specified in tender document which will be
Guarantee (CPBG) paid in the manner set out in the General Conditions of
Contract.

4. Should this tender be accepted, I/We hereby agree to abide by and fulfill all terms and conditions referred to above and in default thereof, to forfeit and pay to the OWNER or its successors or its authorized nominees such sums of money as are stipulated in conditions contained in General Tender Notice and other Tender Documents.

5. I/We hereby pay the Earnest Money of Rs _____
(Rupees _____)
in Bank Demand Draft/Bank Guarantee No. _____ issued
by _____ (name and office of the State Bank of India or
any Nationalized Bank) in favour of Maharashtra Natural Gas Limited, Pune.

6. If I/We fail to commence the work specified in the Memorandum in Para (3) above, or I/We to deposit the amount of Contract Performance Bank Guarantee (CPBG) specified in the Memorandum in (3) above, I/We agree that the said OWNER or its successors without prejudice to any other right or remedy be at liberty to forfeit the said Earnest Money in full, otherwise the said Earnest Money shall be retained by OWNER towards the Contract Performance Bank Guarantee (CPBG) specified in (3) above. The said OWNER shall also be at liberty to cancel the Notice of Acceptance of Tender if I/We fail to deposit the Contract Performance Bank Guarantee (CPBG) as aforesaid or to execute an Agreement or to start WORK as stipulated in the Tender Documents.


I/We enclose herewith evidence of my/our experiment of execution of works of similar nature and magnitude carried out by me/us in the prescribed proforma and also the Income- Tax Clearance Certificates.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL. Bid No.: MNGL/CP/2026-27/32
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FORMAT FOR DECLARATION

(To be given on Company Letter Head)

To,
M/s. Maharashtra Natural Gas Ltd.,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner, Pune – 411045

Subject:

We confirm that we are not under any liquidation, court receivership or similar proceedings.

I / We do hereby confirm that our Firm has not been put on Black / Holiday list by MNGL / MoP&NG / Oil Public Sector Enterprise(s).

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORMAT FOR DETAILS OF LITIGATION

(To be given on Company Letter Head)

Bidder shall furnish details of litigation cases of the bidder during the last 5 years if any, in this Form.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORMAT FOR SUPPLY RECORDS FOR MEETING BEC

(To be given on Company Letter Head)

Sr. no.	Purchase no.	Order	Purchaser Name	Ordered Quantity	Supplied Quantity	IRN no./ DCN/ Taxable Invoice no.	Sr. No. of pages
(1)	(2)		(3)	(4)	(5)	(6)	(7)

Bidder shall submit this form along with relevant document with proper numbering.

For tenders having various items/ parts, bidder to submit separate format for each item/ part quoted.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

FORMAT FOR BIDDER'S PRE-BID QUERIES

(To be given on Company Letter Head)

To,
M/s. Maharashtra Natural Gas Ltd.,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner, Pune – 411045

Subject:

Sr. no.	Section / Tender page no.	Clause no.	Subject	Bidder's Query

NOTE: The Pre-Bid Queries may be sent by e-mail, before the pre-bid meeting due date, to MNGL. An editable copy of queries may be enclosed while sending signed pre-bid queries.

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 1 of 2

FORMAT FOR COMMERCIAL QUESTIONNAIRE

(To be given on Company Letter Head)

Date: _____

Sub: Bidders confirmation to Commercial Questionnaire

Tender No:

Tender Title:

Note:

- 1) The Bidder shall submit reply to each query.
- 2) The bidder's reply/ confirmation as furnished in the Commercial Questionnaire (CQ) shall supercede the stipulation mentioned elsewhere in the Bid.

Sr. No.	MNGL's Query	Bidder's Reply/ Confirmation
1.	Confirm that your Bid is valid for 4(four) months from the last date of submission of Bid.	
2.	Confirm that the following documents are submitted:	
i)	All documents in relevant sections as per CHECK LIST	
ii)	Schedule of Rates/ Prices without specifying the rates/ prices are submitted in unpriced part, exactly as per the priced portion submitted in Part-II. In case some of items have not been quoted, such items should be identified in blank price format.	
iii)	Addendum duly signed and stamped on each page as a token of acceptance (applicable if issued).	
3.	Rates/ amount must be filled in format for 'Schedule of Rates' enclosed as part of Bidding Document. If quoted in separate typed sheets and any variation in item description, unit or quantity is noticed, the bid is liable to be rejected. In any case, Bidder shall be presumed to have quoted against the tendered description of work and the same shall be binding on the Bidder. Please confirm.	
4.	Confirm that deviation/ terms & conditions are not mentioned in the price part. In case any terms and condition is mentioned in the price part, the same shall be treated as null and void.	
5.	Confirm that you have studied complete Bidding Document including Technical and commercial part and your Bid is in accordance with the requirements of the Bidding Document.	
6.	Confirm your compliance to total Scope of Work mentioned in the Bidding Document.	
7.	Confirm your acceptance for 'Scope of Supply or Scope of Work' as mentioned in Bidding Document.	



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Sheet 2 of 2

Sr. No.	MNGL's Query	Bidder's Reply/ Confirmation
8.	Confirm your compliance to critical stipulations of tender document as mentioned below	
i)	Contract Performance Security	
ii)	Arbitration	
iii)	Termination	
iv)	Terms of Payment – as per tender document	
v)	Price Reduction Schedule – As per SCC & GCC	
9.	Confirm your acceptance for 'Time Schedule' as mentioned in Bidding Document.	
10.	Confirm that your quoted price includes following taxes/ duties, insurance etc.	
i)	All taxes, charges and duties assessed or levied in respect of profits earned or income receivable by the Contractor by reason of this Contract.	
ii)	All taxes, duties as per applicable for this WORK in accordance with the provision of General Conditions of Contract and Special Conditions of Contract.	
iii)	All types of insurance as per the provisions of General Conditions of Contract and Special Conditions of Contract.	
11.	Confirm that you have proposed adequate project/ site organization with qualified supervisory personnel having requisite experience including personnel responsible for safety, planning stores, QA/ QC etc.	
12.	Confirm that all costs resulting from safe execution of WORK, such as safety induction, use of protective clothing, safety glasses and helmet, safety precaution taken during monsoon, or any other safety measures to be undertaken by the Contractor for execution of work are included in the quoted rates.	

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

**FORMAT FOR CERTIFICATE FROM BANK IF BIDDER'S WORKING CAPITAL IS
INADEQUATE/NEGATIVE**

(To be provided on Bank's letterhead)

Date:

To,
M/s. Maharashtra Natural Gas Ltd.,
Pride Purple Coronet, 2nd Floor,
Baner Road, Baner, Pune – 411045

Dear Sir,

This is to certify that M/s (Name of the bidder with address)
(Hereinafter referred to as Customer) is an existing customer of our Bank.

The Customer has informed that they wish to bid for MNGL's Tender no.
..... Dated for (Name
of the supply/work/services/consultancy) and as per the terms of the said Tender they must
furnish a certificate from their Bank confirming the availability of line of credit.

Accordingly, M/s (Name of the Bank with address) confirms availability
of line of credit to M/s (Name of the bidder) for at least an amount of Rs.

It is also confirmed that the net worth of the Bank is more than Rs. 100 Crores (or Equivalent
USD) and the undersigned is authorized to issue this certificate.

Yours truly.

For (Name & address of Bank)

(Authorized signatory)

Name of the signatory:

Designation:

Stamp



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

CHECK LIST FOR BIDDERS

Bidder is requested to fill this check list and ensure that all details/ documents have been furnished as called for in the Bidding Documents.

Sr. No.	Description	Submitted	Not Submitted
1)	EMD/Bid Security payment details	<input type="checkbox"/>	<input type="checkbox"/>
2)	Duly Signed and Stamped Annexure-I to IFB	<input type="checkbox"/>	<input type="checkbox"/>
3)	Submission of Bid	<input type="checkbox"/>	<input type="checkbox"/>
4)	Documents for qualification of BEC - Technical.	<input type="checkbox"/>	<input type="checkbox"/>
5)	Documents for qualification of BEC - Financial.	<input type="checkbox"/>	<input type="checkbox"/>
6)	Line of credit for Negative Working Capital.	<input type="checkbox"/>	<input type="checkbox"/>
7)	Duly filled, signed and stamped Forms and Formats.	<input type="checkbox"/>	<input type="checkbox"/>
8)	Power of Attorney in favour of the person who has signed the bid on stamp paper of appropriate value.	<input type="checkbox"/>	<input type="checkbox"/>
9)	Addendum, Corrigendum and Other Documents if any.	<input type="checkbox"/>	<input type="checkbox"/>
10)	Copy of GST Certificate and PAN Card.	<input type="checkbox"/>	<input type="checkbox"/>
11)	Copy of PF and ESIC Registration Certificates	<input type="checkbox"/>	<input type="checkbox"/>
12)	Cancelled Cheque / Bank Mandate.	<input type="checkbox"/>	<input type="checkbox"/>
13)	Partnership Deed in case of partnership firm and Article of Association in case of limited company.	<input type="checkbox"/>	<input type="checkbox"/>
14)	Duly signed and stamped copy of Unpriced Schedule of Rates (Unpriced SOR).	<input type="checkbox"/>	<input type="checkbox"/>

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION IV

6. SPECIAL CONDITIONS OF CONTRACT (SCC)



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

C O N T E N T

- 1.0 SCOPE OF SUPPLY
- 2.0 QUALITY ASSURANCE / QUALITY CONTROL
- 3.0 QUANTITY VARIATION
- 4.0 DISPATCH INSTRUCTIONS
- 5.0 INSPECTION
- 6.0 REJECTION
- 7.0 DELIVERY SCHEDULE
- 8.0 TERMS OF PAYMENTS
- 9.0 PRICE REDUCTION SCHEDULE
- 10.0 REPEAT ORDER
- 11.0 CONTRACT PERIOD
- 12.0 INDEMNITY BOND
- 13.0 GENERAL INFORMATION – CONSIGNEE ADDRESS, PAYING AUTHORITY ETC.



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following articles shall supplement the Instructions to Bidders and General Conditions of Contract (GCC). In case any conflict between General Conditions of Contract and Special Conditions of Contract, the latter shall prevail to the extent applicable.

1. SCOPE OF SUPPLY:

The scope of work includes design, engineering, manufacturing, assembly, supply, inspection and testing at works and at site, if required, of CNG Type III / IV Mobile Storage Cascade of 9360 (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL) capacity at 15°C, for filling and storing of CNG at 250 bar (g) at 10 to 52°C as specified in Technical Specification.

2. QUALITY ASSURANCE / QUALITY CONTROL:

- 2.1 The supplier shall prepare a detailed Quality Assurance Plan for the execution of Contract for various facilities, which will be mutually discussed and agreed to.
- 2.2 The supplier shall establish document and maintain an effective quality assurance system outlined in recognized code.
- 2.3 The Purchaser, while agreeing to a Quality Assurance Plan shall mark the stages where they would like to witness the tests; review any or all stages of work at shop / site as deemed necessary for quality assurance.

3. QUANTITY VARIATION:

The tendered quantity may vary depending upon the project requirement. MNGL reserves the right to decrease / increase the quantity of any SOR item subject to overall ceiling of contract value depending upon its requirement.

Quantities indicated in the tender / ARC are as per our projected requirement. MNGL cannot assure any firm commitment for procurement of entire quantities in the tender / ARC. After issue of ARC, Delivery Order (DO) shall be placed for each & every requirement.

4. DISPATCH INSTRUCTIONS:

- 4.1 Seller shall obtain dispatch clearance from the Purchaser prior to each dispatch.
- 4.2 Copy of Inspection Release Certificate, Dispatch Clearance and Statement showing the name of the Vessel / Trailers description and weight of the material and shipping marks etc. to be submitted along with the documents.

5. INSPECTION:

Maharashtra Natural Gas Ltd. (MNGL) reserves the right to engage their own personnel and or MNGL's inspection agency. All the charges towards all kinds of tests shall be included in the quoted rates. No additional payment to this effect will be made. The charges towards MNGL's Inspection Agency, if engaged, shall be borne by MNGL.



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

6. REJECTION:

- 6.1 Any materials / goods covered under scope of supply, which during the process of inspection by appointed third party, at any stage of manufacture / fabrication and subsequent stages, prior to dispatch is found not conforming to the requirements / specifications of the Purchase Requisition / Order, shall be liable for immediate rejection.
- 6.2 Supplier shall be responsible and liable for immediate replacement of such material with acceptable material at no extra cost or impact on the delivery schedule to EMPLOYER.

7. DELIVERY SCHEDULE / TIME SCHEDULE:

Schedule for Supply:

Delivery order shall be released by MNGL in quantities required as per our target and plan. The bidder should agree to supply the quantity mentioned in the delivery order as per time schedule as under:

Sl. No.	Item Description	Completion Schedule
1	Type III / IV Cylinder Mobile Cascade of 9360 WL Capacity: Design, Engineering, Manufacturing, Assembly, Supply, Inspection and Testing at works and at site, as required for Type III / IV Composite Cylinder CNG storage cascade of 9360 WL (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL) capacity at 15°C, for filling and storing of CNG at 250 bar(g) at 10 to 52°C including all mandatory spares as specified in Technical Specification inclusive of services as stipulated in the tender document. The cascade packages are to be supplied & installed in various GAs of MNGL across India.	Within 10 (Ten) Weeks from the date of written intimation / Delivery Order by MNGL.

DATE OF DELIVERY:

The date of receipt of material at MNGL Stores shall be taken as the date of delivery.

Note: Delivery locations of the cascades shall be intimated to the supplier at the time of dispatch.


8. PAYMENT TERMS

The terms of payment shall be as follows:

For Supplies:

100% (Hundred percent) payment within 45 days from receipt of goods at site along with following dispatch documents.

- i) Cen-vatable Invoice in triplicate

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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- ii) Inspection Release note by Owner or his appointed or approved agency.
- iii) GR / LR
- iv) Packing List
- v) A certificate from manufacturer that all items/ equipment under supply including its component or raw material used with manufacturing are new and conform to the tender requirement. In case manufacturer is not the contractor, the contractor owning overall responsibility will duly endorse this certificate.
- vi) Performance Bank Guarantee(s) of 10% of Contract/Delivery Order Value. If already submitted, a copy of the same.
- vii) Document related to CENVAT credit to be claimed by Owner, if applicable.
- viii) Documents as specified in the Technical Specifications / Material Requisitions of the Bid Document.
- ix) Indemnity Bond as per Annexure-I to Special Conditions of Contract

9. PRICE REDUCTION SCHEDULE:

The supplier agrees that time of supply of Stores / Works shall be of the essence of the Contract. If the supplier fails to supply Stores / Works within the respective scheduled / fixed date for supply, Company may without prejudice to any other right or remedy available to the Company:

- a. Recover from the supplier as certain and agreed, genuine pre-estimate price reduction and not by way of penalty, a sum equivalent to ½% per week or part thereof for each week's delay, prorated for part thereof beyond the scheduled supply date each subject to maximum of 10% of Delivery Order value, even though the Company may accept delay in supply after the expiry of the scheduled supply date.
- b. Arrange to get supply from elsewhere on account and at the risk of the Supplier, such decision of the company being final and binding on the supplier.

OR

- c. Terminate the contract or a portion of the supply work thereof, and if so desired, arrange for the supply in default by the supplier to be attained from elsewhere at the risk and cost of the supplier.

10. REPEAT ORDER:

In case of Annual Rate Contract (ARC), MNGL reserves the right to place a repeat order within 6 months from the date of purchase order up to 50% of purchase order value on same rates, terms, and conditions.

11. CONTRACT PERIOD:

The period of contract will be for 01 (One) year from the date of Purchase Order which is further extendable for another 06 (Six) Months on same terms and conditions of tender document at the sole discretion of MNGL depending on the performance of the Supplier.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

12. INDEMNITY BOND:

After award of work, bidder has to furnish legal indemnity bond to the owner as per format attached hereinafter as Annexure – I to SCC and bidder shall be binding till the period specified in the indemnity bond.

13. GENERAL INFORMATION relating to Consignee address, Banker's Name, Paying Authority, Insurance Agent etc.:

- Location & Address of project Consignee:

M/s. Maharashtra Natural Gas Ltd.,
Pride Purple Coronet, 2nd Floor,
Baner Raod, Baner, Pune – 411045

Address of Store at Pune:

M/s. Maharashtra Natural Gas Ltd.,
Gate No. 1377A Village Wadki,
Tal Haveli, Dist. Pune - 412308

Address of Stores at Nashik:

M/s. Maharashtra Natural Gas Ltd.,
C/o. Parth Warehousing,
9th Mail, Mumbai Agra Highway,
At Jaulake, Tal. Dindori,
Dist. Nashik – 422206

Address of Store at Sindhudurg:

M/s. Maharashtra Natural Gas Ltd.,
C/o. site at At Post Madhyachiwadi (Raiwadi),
Pat Parule Road, Pinguli,
Tal. Kudal, Dist. Sindhudurg 416520

Address of Stores at Ramanagara:

M/s. Maharashtra Natural Gas Ltd.,
C/o. LTG-BRV e City,
Kodiyalakarenhalli Village,
Bidadi Hobli, Taluk & Dist. Ramanagara – 562109

Address of Stores at Nanded:

M/s. Maharashtra Natural Gas Ltd.,
C/o. site at Survey no 123 NH 361
Nanded Latur Road Near Sai Baba Mandir
Dhangharwadi District Nanded - 431606

Address of Stores at Nizamabad:

M/s. Maharashtra Natural Gas Ltd.,
C/o. site at Survey No. 238/1,
Nizam Sagar Road,
Devanpally, Kamareddy,
Telangana – 503111



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- **Name & Address of the Bankers:**
State Bank of India,
Industrial Finance Branch,
Tara Chambers, Pune Mumbai Road,
Wakdewadi, Shivajinagar, Pune-411003
- **GST Number for Maharashtra:** 27AAECM5536G1ZF
GST Number for Karnataka: 29AAECM5536G1ZB
GST Number for Telangana: 36AAECM5536G1ZG
- **Paying Authority:**
Chief Financial Officer,
M/s. Maharashtra Natural Gas Ltd.
Pride Purple Coronet, 2nd Floor,
Baner Raod, Baner,
Pune – 411045
- **Whether Certificate for availing concessional project rate of custom duty
will be given:** No
- **Name of Address of insurance agency:**
To be intimated at the time of placement of PO.
- **Mode of Payment:** A/C Payee Cheque
- **Preferred mode of dispatch:**
Imports: Sea
Domestic: By Road
- **Inspection agency for indigenous and imported items:** MNGL / Third party
inspection agency appointed by MNGL.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

Annexure I to SCC

INDEMNITY BOND / DEED OF INDEMNITY

(To be executed on non-judicial stamped paper of appropriate value)

THIS DEED OF INDEMNITY ("Indemnity Deed") is made and executed at _____ on this
____ day of _____, 20

BY

M/s. _____, a company incorporated under the provisions of the
Companies Act, 2013 and having its registered office at _____
(hereinafter referred to as the "Bidder", which expression shall, unless repugnant to the
context or meaning thereof, include its successors-in-interest, legal representatives,
administrators and permitted assigns);

IN FAVOUR OF

M/s. _____, having its registered office
at _____ (hereinafter referred to as the "Company", which
expression shall, unless repugnant to the context or meaning thereof, include its successors
and assigns).

WHEREAS:

- A. The Company has floated Tender No. _____ dated _____ for procurement, supply, testing, inspection, commissioning and performance of Type-3 and Type-4 Mobile Storage Cascade of 9360 (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL) capacity at 15°C, for filling and storing of CNG at 250 bar (g) at 10 to 52°C as specified in Technical Specification. and all allied accessories, components and systems connected therewith (hereinafter collectively referred to as the "Cascades").
- B. The Bidder has participated in the aforesaid tender and has represented and warranted that the cascades supplied by it shall strictly conform to all technical specifications, approved drawings, contractual requirements, applicable statutes, codes, standards, guidelines and regulatory requirements including those prescribed by PESO, ISO, BIS, OISD and any other competent statutory authority.
- C. As a condition precedent to award and/or continuation of the contract, the Company has required the Bidder to execute this Indemnity Deed in order to secure the Company against any and all losses, liabilities, damages and consequences arising out of or in connection with the Cascades during its entire useful life and, in any event, for a period of Twelve (12) years from the date of supply.

NOW THEREFORE, THIS DEED WITNESSETH AND IT IS HEREBY IRREVOCABLY AGREED, DECLARED AND UNDERTAKEN BY THE BIDDER AS UNDER:

1. The Bidder hereby irrevocably, absolutely and unconditionally agrees and undertakes to indemnify, defend and keep indemnified at all times the Company, its holding/subsidiary




**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

companies, affiliates, directors, officers, employees, agents, contractors, representatives and customers (collectively, the "Indemnified Persons") from and against any and all losses, damages, liabilities, claims, proceedings, demands, actions, penalties, costs, charges, compensation, fines and expenses whatsoever, including without limitation litigation costs, advocate's fees, expert fees and incidental and consequential losses, suffered or incurred by the Company or any Indemnified Person, directly or indirectly, arising out of, in relation to, or attributable to:

- (a) any defect, deficiency, fault or failure in the design, engineering, manufacture, fabrication, assembly, material, workmanship, performance, installation, operation, transportation, storage, testing, inspection, commissioning, repair or maintenance of the Cascades;
 - (b) any patent defect, latent defect, hidden defect, deterioration, corrosion, fatigue, rupture, leakage, bursting, explosion, malfunction, non-performance, degradation, reduction in capacity or premature failure of the Cascades or any part thereof;
 - (c) any failure of the Cascades to meet or continue to meet the prescribed technical specifications, approved drawings, guaranteed performance parameters, design life, safety requirements, refilling cycle requirements, operating pressures, environmental conditions or contractual obligations;
 - (d) breach of any representation, warranty, covenant or undertaking furnished by the Bidder under the tender, contract or otherwise;
 - (e) non-compliance with or violation of any applicable law, rule, regulation, code, statutory requirement, licence condition or standard, including but not limited to requirements of PESO, ISO, BIS, OISD or any other governmental or regulatory authority;
 - (f) injury, grievous hurt, illness or death of any person, including employees, contractors, agents or third parties;
 - (g) loss of, or damage to, any movable or immovable property, machinery, plant, cascades, infrastructure, vehicle or installation of the Company or any third party;
 - (h) environmental contamination, pollution, fire, explosion, gas leakage, hazardous occurrence or any accident arising from or connected with the Cascades;
 - (i) any claim, action or proceeding instituted by any third party, customer, insurer, statutory authority or governmental agency arising out of the use, operation, storage, transportation or failure of the Cascades;
 - (j) any recall, replacement, rectification, repair, re-certification, re-testing, withdrawal, retrofitting or modification of the Cascades, whether directed by the Company or by any competent authority.
2. The Bidder hereby irrevocably undertakes and agrees to indemnify, defend and keep indemnified the Company from and against any and all losses, claims, demands, damages, costs, charges and expenses, including the differential transportation cost of CNG, arising out of or attributable to any underperformance, shortfall, delay, non-availability, malfunction or inadequate deployment of cascades by the Bidder, and shall

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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forthwith reimburse and make good to the Company, upon demand, all amounts so incurred or suffered by the Company on such account.

3. The Bidder expressly acknowledges and agrees that the aforesaid indemnity shall remain valid, continuing and enforceable for a period of Twelve (12) years from the later of:
 - (i) the date of supply/delivery of the Cascades; or
 - (ii) the date of commissioning, installation or first use of the Cascades by the Company.
4. Without prejudice to the foregoing, the Bidder shall, at its sole risk, cost and expense, immediately upon receipt of written notice from the Company:
 - (a) investigate and rectify any defect, deficiency or malfunction in the Cascades;
 - (b) replace the defective Cascades with new Cascades conforming to contractual specifications;
 - (c) reimburse the Company for all losses, expenses and liabilities incurred by it; and
 - (d) take all necessary corrective, preventive and mitigation measures to ensure safe and uninterrupted operation of the Cascades.
5. The Bidder further represents, warrants and undertakes that throughout the aforesaid period of Twelve (12) years:
 - (a) the Cascades shall retain its structural integrity, mechanical strength, safety and performance characteristics;
 - (b) the Cascades shall remain fit and suitable for its intended purpose and usage;
 - (c) the Cascades shall be free from any latent or patent defects and shall comply with all applicable technical and statutory requirements; and
 - (d) the Bidder shall remain fully responsible for the design life, lifecycle performance and all refill/recharge cycles of the Cascades.
6. The liability of the Bidder under this Indemnity Deed shall be absolute, unconditional and unlimited in amount and shall not be restricted, discharged or diminished by reason of:
 - (a) any inspection, approval, certification, testing or acceptance of the Cascades by the Company or any third party;
 - (b) any omission, delay, waiver, concession or forbearance on the part of the Company;
 - (c) expiry, termination, novation, suspension or completion of the underlying contract;
 - (d) any insurance obtained or maintained by the Bidder or by the Company; or



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

(e) any act or omission of the Company, save and except where the loss is solely and directly caused by the wilful misconduct of the Company.

7. The Bidder shall maintain, at its own cost, adequate and valid insurance coverage including, inter alia, product liability insurance, public liability insurance and such other insurance as may be required under law or directed by the Company, during the entire indemnity period. However, the existence or non-existence of such insurance shall not in any manner limit, reduce or affect the liability of the Bidder under this Indemnity Deed.
8. Upon receipt of any claim, notice, demand or proceeding falling within the scope of this Indemnity Deed, the Company shall be entitled to recover from the Bidder, forthwith upon demand and without demur, the entire amount of loss, damage, compensation, cost or expense incurred or likely to be incurred by the Company. In the event of failure of the Bidder to make payment within Seven (7) days from the date of demand, the Company shall be entitled to recover the same from any monies due or becoming due to the Bidder under any contract, bank guarantee, security deposit or otherwise, without prejudice to any other right or remedy available in law or equity.
9. The obligations contained herein shall survive and continue notwithstanding expiry, cancellation, termination, rescission or discharge of the contract and shall constitute an independent and continuing obligation of the Bidder.
10. This Indemnity Deed shall be governed by and construed in accordance with the laws of India. The courts at _____ alone shall have exclusive jurisdiction in respect of all matters arising out of or relating to this Indemnity Deed.

IN WITNESS WHEREOF, the Bidder has executed this Indemnity Deed on the day, month and year first hereinabove written.

For and on behalf of the Bidder

Signature: _____

Name: _____

Designation: _____

Seal of the Bidder: _____

Witnesses:

1. Name: _____

Address: _____

2. Name: _____

Address: _____



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION - V

7. SCHEDULE OF RATES (SOR) – INSTRUCTIONS



MAHARASHTRA NATURAL
GAS LIMITED

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

SCHEDULE OF RATES (SOR) – INSTRUCTIONS

“Schedule of Rates (SOR) / BOQ is enclosed on e-tendering portal <https://etenders.gov.in>”

Note:

- a. Bidder is cautioned that rates are to be quoted in financial bid only i.e., in SOR excel sheet and to be uploaded on above mentioned portal, revealing the rates elsewhere i.e., other than financial bid will result in rejection of the bid.
- b. Evaluation and award of contract shall be done as specified in Annexure I to IFB.
- c. Bidder must quote the price in the Schedule of Rates format only. Bid submitted with changed format / description is liable to be rejected.
- d. Bidder to quote price for each SOR line item.
- e. Quoted unit rates shall be inclusive of all other charges except GST.
- f. Allowed decimal points in unit rate shall be up to 2 (two) decimal points. Unit rate quoted in negative shall lead to rejection of the bid.
- g. Purchaser reserves the right to decrease/increase the Scope of Work as per provision of Bid document before & after the award of contract.
- h. Bidder must quote for complete scope as detailed in the bid document, bids submitted for part scope shall be considered as non-responsive and liable to be rejected.
- i. "Prices quoted shall be inclusive of all taxes / duties and nothing extra shall be payable by the owner except for statutory variation in Goods & service tax rate during the contractual period. Bidder shall note that any error in estimating these taxes & Duties (GST) will be to Bidder's Account".

(Stamp & Signature of Bidder)

Name:

Designation:

Date:



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION - V

8. REVERSE AUCTION PROCESS



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

REVERSE AUCTION:

Tenderers shall submit techno commercial bid for the work subject to their meeting the criteria for evaluation specified in Clause No. 4 in Annexure – I to IFB (Bidders Eligibility Criteria and Bid Evaluation Criteria).

Bidders are advised to submit techno commercial bid strictly as per terms and conditions of the Bidding Document and not to stipulate any deviation / exception as it is “NO DEVIATION” tender. Offers with any Exception / deviation shall be liable for rejection.

Tenders shall be based strictly on the terms, conditions and specifications contained in the Tender document. Any deviation and exceptions taken to terms and conditions of the tender documents must be clearly listed out and submitted along with Techno-Commercial part of the offer as per proforma in F-6.

The Tender will be a 2 – level bidding. In level 1 Bidders must submit “RFQ” comprising of technical evaluation document as mentioned in this tender. Based on that Bidders will be accessed and qualified for Level 2.

Level 2 will be “Reverse Auction”, which shall be conducted by MNGL.

Process of E-bidding shall be as follows:

Bidders must fill rates for SOR activity wise and submit their offer online. (Bidder can refer SOR activity list provided along with form and can keep rates offline too for putting rates in RFQ (online)).

After closing date of RFQ, MNGL will evaluate activity wise rates and base rate will be finalized and same shall be informed to Reverse Auction Eligible bidders (qualified at Level 1) via etender platform.

MNGL will communicate dates of opening and closing for Reverse Auction to eligible bidders. Reverse auction date and time will be communicated to all eligible bidders by MNGL.

In reverse auction, bidder must compete only on single figure which can be less than base figure. This given figure will be for overall evaluated price. On negative side there will be a ceiling of 50% below which bidder cannot put their single figure. Bidder will be able to see their rank in live reverse auction; Rank 1 will be lowest bidder.

Bidders need to compete to get Rank 1. Prior to 5 min of closing time of Reverse Auction there will be extension of another 5 minutes if any Bidder changes their figures in auction. Auction shall continue / extend till there is no change in rates for 5 minutes.

L1 vendor will be declared winner of reverse auction. However, MNGL reserves the right to negotiate, if required. L2, L3, L4 & so on bidders shall be contacted for matching of L1 rates. Contract will be awarded as per evaluation criteria after due formalities at MNGL end. Vendor must be in position to execute task as per project time frame given in form or separately communicated to them.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG
and CGD Network of all GASs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

SECTION - VI

9. MATERIAL REQUISITION & TECHNICAL SPECIFICATION



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

MATERIAL REQUISITION

Items : CNG CASCADE (TYPE-III/IV)

Item Sr No.	Description of Items	UOM	QTY
1.0	TYPE III/IV - CNG Storage Mobile Cascade		
1.1	<p>Design, Engineering, Manufacturing, Assembly, Supply, Inspection and Testing at works and at site (if required), transportation and unloading at site of CNG Mobile Cascade (Type III/ IV Cylinder) of 9360 WL (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL) capacity (Single Bank) at filling temperature of 15°C, for filling and storing of CNG at 250 bar (g) and suitable for 10 to 55°C ambient temperature (Indian weather condition).</p> <p>Note:</p> <ol style="list-style-type: none">1) Mobile cascade shall be suitably mounted / accommodated for transportation on CNG/ LNG run Heavy Commercial vehicles of TATA /Ashok Leyland /Eicher/ equivalent make truck (HCV) having deck length of 20 ft.2) Total Cascade weight (including cylinders, frame, Compressed Gas, container, tubes & fittings etc.) shall not exceed 9 Tons.3) Mobile Cascades are to be supplied in various GA/ sites as following: MNGL Stores/sites (Tentative Location): Pune, Nashik, Sindhudurg, Ramanagara, Nanded & Nizamabad GA.	Nos	168



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and
CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

**TECHNICAL
SPECIFICATION OF
TYPE- III/IV COMPOSITE
CYLINDERS CNG CASCADE**




**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and
CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

CONTENTS

	Description
1.0	BRIEF PROJECT DETAILS
2.0	SCOPE OF SUPPLY & WORK
3.0	SITE ENVIRONMENT
4.0	INSTRUCTIONS TO BIDDERS
5.0	GAS COMPOSITION
6.0	CODES AND STANDARDS TO BE FOLLOWED
7.0	EXTENT OF SUPPLY AND SERVICES
8.0	TECHNICAL SPECIFICATIONS
9.0	STORAGE CYLINDERS
10.0	INSPECTION AND TESTING
11.0	DOCUMENTATION
12.0	PROTECTION DURING SHIPPING
13.0	CYLINDER SPECIFICATIONS

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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1. **BRIEF PROJECT DETAILS**

Maharashtra Natural Gas Limited (MNGL) is a Joint Venture Company of GAIL (India) Limited, Bharat Petroleum Corporation Limited and equity participation from Government of Maharashtra thru' MIDC & IGL Delhi. It is a City Gas Distribution company, incorporated in January, 2006 as per directives of MoPNG for the Geographical Areas of Pune, Pimpri-Chinchwad, Chakan, Talegaon and Hinjewadi.

MNGL has successfully secured following three new Geographical Areas in the 9th round CGD bidding invited by Petroleum and Natural Gas Regulatory Board (PNGRB) as a part of Cariness expansion plan:

- 1) Nashik, Dhule & Valsad (except area already authorized) Districts, Maharashtra & Gujarat
- 2) Sindhudurg District, Maharashtra
- 3) Ramanagara District, Karnataka

Also, MNGL has successfully secured following two new Geographical Areas in the 11th round CGD bidding invited by Petroleum and Natural Gas Regulatory Board (PNGRB)

- 1) Nanded GA (Buldana-Parbhani-Nanded Districts)
- 2) Nizamabad GA (Nizamabad-Adilabad-Nirmal-Mancherial-Kumuram Bheem Asifabad-Kamareddy Districts)


2. **SCOPE OF SUPPLY & WORK:**

Design, Engineering, Manufacturing, Assembly, Supply, Inspection and Testing at works and at site (if required), transportation and unloading at site of CNG Mobile Cascade (Type III/ IV Cylinder) of 9360 WL (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL) capacity (Single Bank) at filling temperature of 15°C, for filling and storing of CNG at 250 bar (g) and suitable for 10 to 55°C ambient temperature (Indian weather condition).

Notes: Delivery locations of the cascades shall be intimated to the supplier at the time of dispatch.

3. **SITE ENVIRONMENT**

- a. Ambient temp min/max °C: 6°C / 55 °C
- b. Design relative humidity: 90 %
- c. Design Temp: 60 °C
- d. Maximum Wind Velocity: 160 Km/hr
- e. Altitude, M above MSL: As per location mentioned
- f. The equipment offered shall be suitable for smooth, efficient, and trouble-free service in the tropical climate prevailing at site as indicated above.
- g. The equipment shall be designed to give efficient and reliable performance under

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL. Bid No.: MNGL/CP/2026-27/32
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industrial conditions and shall be rendered proof against rats, lizards and other vermin.

4.0 INSTRUCTIONS TO BIDDERS:

1. This specification describes the technical specification of the equipment to be supplied at various locations as per material requisition (MR).
2. Various parts of the specification shall be read in conjunction with each other. In case where requirements given in different parts differ, the most stringent shall govern.
3. The specification states the scope and requirements as completely and clearly as possible. Any additional work / equipment or technical requirement not mentioned in the specification but required to make the offered system complete in accordance with the specification or required for safe operation shall be deemed to be included in the offer.
4. The drawings and reference information mentioned elsewhere in this specification shall be considered as part of this document. Anything specified in this specification but not clearly shown in the drawings, or vice versa shall be treated as indicated in both specification and drawings and hence binding.
5. The Bidder shall confirm clause by clause acceptance of technical specification. Comments and / or deviation if any, of the Bidder on Owner's document (including technical specification) shall be given clause wise. Clauses, on which no specific comment or deviation will be indicated in the offer, shall be treated as accepted by the Bidder.
6. It will be the responsibility of the Bidder to comply fully with relevant National/ International standards, Indian Explosives Act, Regulations of Insurance association of India and Factories Act, while supplying materials and/ or carrying out work as per this specification.
7. It shall also be the responsibility of the Bidder to prepare and submit all necessary drawings, calculations, test certificate etc. as required by concerned inspectorate.
8. The Bidder, free of cost and without affecting agreed milestones, shall carry out modifications suggested by the statutory bodies.
9. The Bidder shall be deemed to have inspected the site area and access and ascertained all conditions affecting the contract. The Bidder shall be deemed to be fully conversant with the complete requirements of the work.
10. All work shall be carried out to the satisfaction of the Owner. Any work found to be carried out without the approval of Owner or work which is considered to be unsatisfactory and of poor quality of workmanship shall be rectified by the Bidder without any additional cost.
11. The Bidder shall not vary the scope of work as detailed in the approved drawings and specification, without written permission of the Owner. The work shall be done as per approved prints of the drawings only.



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

12. The Bidder shall complete and fulfill all formalities with the statutory authorities having jurisdiction in the area. Bidder shall also arrange for inspection and approval of installation.
13. The Bidder shall attend weekly progress meetings and all other meetings called by the Owner. The Bidder's representative shall have the authority to make all decisions related to the Contract.
14. The Bidder shall provide the weekly progress report in duplicate. The reports shall clearly define all major activities completed during the previous week and identify manning levels, programs etc. The report format shall be provided by/ finalized after discussion with the consultant for adherence by the Bidder.
15. The Bidder shall correct all project original drawings with "As Built" information and shall on completion of erection of the equipment submit originals of all finalized drawings to the Owner.
16. All pages of the offer shall be numbered and contents with page numbers shall be given at the beginning. All pages of the offer shall be submitted in bound volume.
17. Loading, Unloading & transportation of equipment's and supply up to sites/stores shall be in the scope of bidder.
18. A Test and Inspection certificate issued by the manufacturer of the cylinder duly countersigned by an Inspector that the Cylinder meets the requirements of the standard or code referred above submitted to Chief Controller of Explosives shall be provided to the Purchaser.


5. GAS COMPOSITION (For reference)

The expected Gas composition of the feed Gas to the CNG Cascade is given below:

Component	%Mole
Methane	88 to 98
Ethane	2 to 8
Propane	0.39
i-butane	0.08
n-butane	0.06
i-pentane	0.00
n-pentane	0.00
Hexane	0.00
N ₂	0.08
Co ₂	0.00
Sulphur content	<5 ppm
Odorant	10 PPM
Moisture dew point	-15 Deg. C

Oxygen: Not more than 0.5 mole%

Total Non-Hydrocarbon: Not more than 2.0 mole%

 MAHARASHTRA NATURAL GAS LIMITED	Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL. Bid No.: MNGL/CP/2026-27/32
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Total Sulphur including H₂S: about 24 ppm by weight,

Water Content :< dry

Specific Gravity (SG): 0.55 - 0.63

6. Codes & Standards to be followed: -

The design, construction, manufacture, supply, testing and other general requirements of the Storage Cascades should be strictly in accordance with the latest Applicable Standards and Codes and shall comply fully with relevant Indian or International standards, Gas Cylinder Rule 2016, Indian Explosives Act- 1884, Stationary and Mobile Pressure Vessels (Unfired) Rules (SMPV) 1981, CNG Cylinder Design Code, IS:7285,2004(part-2), CNG Cylinder Valves, IS:3224 1979 (Amendments 1983,84,85,86,89,92,98) Hydrostatic Stretch Test, IS: 5844-1970, Safety Devices of Gas Cylinders, IS : 5903 -1970, Regulations of Insurance Association of India and Factories Act while carrying out work as per this specification.

The bidder without any additional cost and delivery implications should carry out any modification suggested by the statutory bodies either during drawing approval or during inspection, if any.

The following codes and standards (versions, revisions valid on the date of order) are referenced to & made part of specification:

- The Gas Cylinders rules-2016
- CCOE (PESO India), Petroleum & Explosives Safety Organisation
- NFPA 52 Standards for CNG vehicular fuel systems and CNG cylinder code "IS: 7285-2004(PART-2).
- ASME/ ANSI B31.3, Piping Process Code
- ASTM A269, Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
- EN 12245: Transportable gas cylinders- Fully wrapped composite cylinders
- OISD 179 Safety requirements for compression, storage, handling and refueling of CNG for use in automotive sector.
- ISO 11439 Gas cylinders -- High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles,
- ISO 19078 Gas cylinders -- Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles,
- ISO 11623, Gas cylinders -- Composite construction -- Periodic inspection and testing
- ECE R110 "High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles"
- NFPA 52: Vehicular Natural Gas Fuel Systems Code.



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and
CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

- STATIC AND MOBILE PRESSURE VESSELS (UNFIRED) RULES (SMPV) (Latest Edition).
- CNG CYLINDER DESIGN CODE IS: 7285 2004 (Part-2).
- CNG CYLINDER VALVES, IS: 3224 (Latest Edition).
- HYDROSTATIC STRETCH TEST IS: 5844 (Latest Edition)
- SAFETY DEVICES OF GAS CYLINDERS IS: 5903 (Latest Edition)- Regulations of Insurance Association
- INDIAN EXPLOSIVES ACT
- ANSI, ASTM, NEC, NEMA, ASNZ
- ANSI NGV-2 : Compressed Natural Gas Vehicle Fuel Containers
- ISO 11119-1: Gas cylinders of composite construction - Specification and test methods - Part 1: Hoop wrapped composite gas cylinders.
- ISO 11119-2 : Gas cylinders of composite construction.
- ISO 11119-3: Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners


All the applicable statutory codes, national laws and local regulation for safety and environment protection shall be followed by the vendor for design, engineering, fabrication etc. The vendor shall obtain from concerned authorities all necessary approvals.

7. EXTENT OF SUPPLY AND SERVICES

7.1 SUPPLY

Supply of CNG storage cascades along with Interconnecting tubing / piping, fitting, valves of waterliter capacity as specified in Schedule of rates (SOR) with following minimum details:

- 7.1.1 Cylinders
- 7.1.2 Each cylinder equipped with cylinder shut –off valve and fusible burst disc.
- 7.1.3 Cascade frame shall be MS welded; shot blasted and epoxy painted instead of Galvanized.
- 7.1.4 Non return valves (NRVs) as required.
- 7.1.5 Pressure gauge on bank.
- 7.1.6 Supply of anchor bolts and nuts.
- 7.1.7 Canopy
- 7.1.8 Safety Relief Valve and Pressure Relief Valve.
- 7.1.9 Any other item required for completing the cascade assembly.
- 7.1.10 Proper tagging on all instruments i.e. PG, TG, PSV etc. to be provided along with calibration tags.

 <p>MAHARASHTRA NATURAL GAS LIMITED</p>	<p>Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.</p> <p>Bid No.: MNGL/CP/2026-27/32</p>
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7.2 SERVICES

The services to be rendered by vendor shall include but not limited to the following:

- 7.2.1 Preparation and submission of documents/drawings as per schedule.
- 7.2.2 Obtaining approvals from concerned departments/agencies/statutory authorities.
- 7.2.3 Procurement of raw materials, bought out components, fabrication of cylinders and shop assembly.
- 7.2.4 Shop inspection and testing including third party inspection and statutory approvals.
- 7.2.5 Testing at site, if required.
- 7.2.6 Supervision during trial runs, if required.
- 7.2.7 Packaging, crating, dispatch of cascades.

8.0 TECHNICAL SPECIFICATIONS

The following specification is intended to give the vendor the technical and operating conditions the cascades must fulfill. Features other than those indicated herein but which call for a better design, increase in efficiency, enhance reliability, optimization may be accepted subject to approval from owner / consultant. The vendor shall bid in their main offer items according to the technical specifications outlined below:

8.1 CNG CASCADE (Type-III/IV)

- 8.1.1 Each CNG cascade module (cascade enclosed in a container module) shall have storage capacity as per SOR / MR. The number of cylinders in the cascade shall be clubbed to single bank with minimum 3/4" OD SS Tube with common isolation valve additional to cylinder valves.
- 8.1.2 All cylinder pigmenting shall be as per directions of Chief Controller of Explosives (CCOE), PESO, Government of India and assembled into a free standing, galvanized steel welded frame enclosed in a container module. MEGC (Multiple-element gas container) / cascade module shall have provision for lifting by crane from top of frame with full weight of cylinders filled with compressed natural gas (at 255 kg/cm² pressure or 250 bar(g)) and shall have tie down clamps at the top and bottom. Bottom and top of frame shall be reinforced to prevent any twisting or stress to cylinder connection during lifting by crane. Frame painting specification shall be indicated in the GA drawing, and successful bidder to submit the same for client's / consultant's approval.
- 8.1.3 Maximum height of the MEGC/cascade module offered, for transportation of CNG through Heavy Commercial vehicles, shall be as per the rules governed by Regional Transport Office (RTO) India.
- 8.1.4 The overall design of MEGC / cascade module (like height, width & weight of MEGC / cascade module) shall be in such a way that the vehicle carrying MEGC/cascade module shall not pose threat of unbalance, toppling considering the road conditions.
- 8.1.5 MEGC / cascade module shall be painted all side with Client logo of adequate size. Each cylindershall have proper accessibility to operate cylinder valves in



case of gas venting due to any cause. MEGC / Cascade module shall be provided with standard container locking type arrangement and also there shall be provision for bolting of MEGC/Cascade module to the mounting vehicle.

- 8.1.6 The frame structure shall not allow lateral and rotational movement of cylinders during regular road transport under any circumstances. Suppliers shall consider the rough patches / bumps on roads. Bidder shall take into account of rough road conditions. All items used in the frame shall be weather-proof suitable for outdoor installations.
- 8.1.7 The cascade frame shall meet all the requirements of OISD-STD-179- Rev for CNG storage system.
- 8.1.8 The frame structural members must be designed for a vertical load of 2 times the maximum gross weight of the bundle. Design stress levels shall not exceed as per IS 800.
- 8.1.9 The frame design must prevent collection of water or other debris that would increase the tare weight of bundles filled by weight.
- 8.1.10 The cascade dimensions shall be such that it should not violate any RTO/PESO norms for transportation when mounted on vehicle load body. Refer ISO 6346 for the dimensions of ISO framework for transportation.
- 8.1.11 The manufacturer shall obtain approval of a new design along with the Copies of all engineering drawings, calculations, and test data necessary to ensure that the design meets the relevant specification from PESO/CCOE.
- 8.1.12 Each MEGC / cascade module shall be provided with identification plate of stainless steel material and of adequate size. The identification plate shall carry the name and logo of Client's including MEGC / cascade serial no., name of manufacturer, year of supply & manufacturing, cylinder serial nos. Last hydro test date, maximum working pressure, total water capacity of the MEGC / cascade, and next hydro test due date if applicable and Client's serial no. The Information on the identification plate shall be of suitable size and shall be engraved.
- 8.1.13 The MEGC / Cascade module shall have 3 no. 4" liquid filled pressure gauge (0-400 kg/cm²g) connected in the tubing with a 3-valve manifold (isolation and vent) at refilling point and decanting point. One common Temperature gauge of the range 0-200 deg C with isolation valve shall also be provided.
- 8.1.14 Construction, licensing & inspection, markings, fitment, handling, storage and all other relevant aspects of cylinders and fittings shall be governed under latest edition of 'The Gas Cylinders Rules-2016' and all cylinders and valves shall be approved by Chief Controller of Explosives (CCOE) PESO, Government of India. In case any factor, parameter or requirement given in the tender or offered by the vendor is changed or modified by CCOE (PESO) or any other Indian Statutory Authority for delivery of MEGC / cascades to site, same shall be carried out without any extra cost implication to Client and to the satisfaction of CCOE or statutory authority, as the case may be.
- 8.1.15 Cylinders in the cascade shall be horizontally placed. In case of horizontal configuration, a minimum gap of 30 mm or as per the statutory requirements & subjected to Client approval between cylinders to cylinder shall be provided and maintained. The material used to separate the cylinders shall be sufficiently strong enough, and shall not absorb moisture. The separation material shall



be antistatic in nature. Special precautions shall be taken to avoid corrosion at the point of contact. Individual Cylinder valves must be accessible for routine operation and emergency operation.

- 8.1.16 Each cylinder shall be provided with a shutoff valve. The cylinder shut-off valve shall be with combination Bursting Disc OR pressure activated pressure release device (PPRD) and Fusible Plug OR Thermally activated pressure release device (TPRD) conforming to requirements of IS-3224 or equivalent standard approved by Petroleum and Explosive Safety Organization (PESO), Govt of India.
- 8.1.17 The individual valve shall have the provision to close/isolate the connected individual cylinder in cascade module so that venting of all cylinders shall be avoided in case of burst disc/ fusible plug failure. The burst disc/ fusible plug discharge (vent) shall be manifold to a common header with SS316 fittings at a single location for safe venting in vertical direction facing sky. The valve & bursting disc shall have provision for fitment of tubing to ensure manifolding to common header. Vendor shall provide the burst pressure and temperature details to MNGL.
- 8.1.18 Neck threads of the cylinders shall conform to the requirements of IS: 3224 or equivalent standard approved.
- 8.1.19 Each cylinder shall be marked clearly and permanently as per the provisions of the requirements of rule 6 of the Gas cylinder Rules, 2016, Service expiry date
- 8.1.20 Every batch of cylinders shall be inspected and certified, these certificates should have particulars set forth in schedule II of the Gas Cylinder Rule, 2016.
- 8.1.21 Bidder shall ensure that there are no mis-punch, double punch, etc. on the cylinders which are used in the cascade. In case particular cylinder rejected due to mis-punch or double punching during hydro testing then bidder will replace the same cylinder at free of cost.
- 8.1.22 The individual valve shall have provision to close/ isolate the connected individual cylinder in MEGC/ Cascade module so that venting of all cylinders shall be avoided in the case of valve failure. The fusible plug and burst disc discharge shall be manifold to a common header with SS 316 fittings at single location for safe venting in vertical direction facing sky. Valves shall be approved by CCOE (PESO) Government of India.
- 8.1.23 All cylinder valve fittings and pipe fittings shall be rated for the full range of design temperatures and pressures and the valve/fittings shall show stamp or otherwise permanently mark on the body to indicate the service ratings.
- 8.1.24 Ball valves for isolation shall be provided on each inlet /outlet connection along with separate bleed valve. End terminations for connection shall be minimum 3/4" OD tube fitting.
- 8.1.25 The MEGC/cascade cylinders shall have single bank configuration and all inter-connection tubing(including tubing between main-header to individual cylinders) of minimum 3/4" O.D size. Sizing shall be according to requirements of code ANSI B31.3, looped for contraction, expansion and stress relief. Piping/tubing shall be suitably clamped. Materials used for the tubing shall be stainless steel 316 - high quality fully annealed seamless confirming to ASTM A269 with maximum hardness Rb80 or less and suitable for bending and



flaring. O.D tolerance shall not exceed ± 0.005 ". The piping/ tubing material shall be of Sandvik / Ratnamani / Tubacex /Jindal make & tubes shall be manufactured through Hot Extrusion process.

- 8.1.26 MEGC / cascade module shall be provided for protection from sun and rain & to protect the cylinder valves and other fittings against any damage. The MEGC / cascade module shall be designed to take care of the wind load, thrust, vibration etc. The MEGC / cascade module shall be designed to provide adequate ventilation / dispersion of gas in the event of any leakage.
- 8.1.27 Bidder shall transport the Type-III/IV cascade from their store yard to the designated location of Client and install and commission at their own cost.
- 8.1.28 MNGL shall provide details of connection between Compressor & type III/IV cascade, type III/IV cascade & Dispenser
- 8.1.29 Bidder shall supply and keep min. inventory of all the consumables, spares at their store for Maintenance of MEGC/ cascade.
- 8.1.30 Bidder shall provide all drawings (construction, GA, P&ID etc.) related to type III/IV Cascade.
- 8.1.31 Bidder shall arrange all required statutory authority documents from the country of origin and CCOE (PESO) India approval of all cylinders in original to the third party inspector and / or Client's representative during inspection and testing.
- 8.1.32 Each MEGC / cascade module with all tubing, fittings, and valves shall be pressure tested with air/nitrogen at required pressure 1.5 times of MAWP to ensure no leakage prior to dispatch and the same will be witnessed by TPI/Client's representatives.
- 8.1.33 MEGC/Cascade assembly shall be purged with Nitrogen at required pressure prior to dispatch at min 2 bar.
- 8.1.34 Priority panel location in the MEGC/cascade shall be confirmed by Client if applicable.
- 8.1.35 Once MEGC/ cascades module have been received and connected to client sites, Bidder shall depute his representative to demonstrate satisfactory operability of the system within specified parameters for a period of two (2) days after commissioning.
- 8.1.36 All fittings including ball valves shall be of material SS316 confirming to ASTM A269. MEGC/Cascade isolating ball valves shall be full bore ball valves.
- 8.1.37 Cascade shall be protected from the effects of the weather by a canopy designed to facilitate the dispersion of free or escaped gas and shall not permit gas to be trapped.
- 8.1.38 The service provider shall provide door arrangement from the side of cylinder valves (in case of enclosed cascades). The doors shall have proper hinges and locking arrangement. This will enable closing of cylinder valve in case of safety/bursting disc failure.
- 8.1.39 The container frame is built according to ISO 668 which establishes a classification of series 1 freight containers based on external dimensions also specifying the associated ratings. These containers are intended for intermodal traffic. The containers are equipped with 4 bottom corner castings



to connect with an ISO standard chassis and 4 top corner castings for lifting with a container crane or reach-stacker. The safe and rapid connection with the ISO standard chassis is made through the container corner castings and the chassis twist locks.

9 Cascade storage dimension:

The cascade dimension shall be such that it should not violate any RTO/PESO norms for transportation. The overall design of the mobile cascade (like height, width, Length and weight shall be in such away that vehicle carrying mobile cascade shall be free from the unbalance, toppling while transportation of CNG and while installation. The type III/IV 9360 WL mobile cascade module shall be designed in such a way that it shall be suitably mounted / accommodated for transportation on the vehicle model of TATA /Ashok Leyland /Eicher/ equivalent make truck (HCV) having deck length of 20 ft. Total Cascade weight (including cylinders, frame, Compressed Gas, container, tubes & fittings etc.) shall not exceed 9 Tons.

- 9.0.1 The cylinder shall be designed as per applicable standards stated by PESO approved by Chief Controller of Explosive (CCOE) / IS: 7285 Part II and/Petroleum and Explosives Safety Organization (PESO), Government of India for use in India for specified conditions.
- 9.0.2 Working Pressure of cascade cylinder shall be maximum 255 Kg/cm² (g) at 15°C.
- 9.0.3 All cylinders shall be new and unused. Re-certified cylinders are not acceptable. All cylinders in a cascade shall be of same capacity.
- 9.0.4 Cylinder shall be as per design approval by Chief Controller of Explosive (CCOE)/Petroleum and Explosives Safety Organization (PESO) Government of India.
- 9.0.5 The cylinder shut-off valve orifice shall be designed for high flow. To permit the combined flow of 100 kg/min from each bank at pressure of 255 Kg/cm² (g). Vendor to furnish necessary calculation indicating overall pressure drop for bank, Coefficient of flow (Cv) values, valve orifice size etc.
- 9.0.6 ¾" Full bore ball valves for isolation shall be provided at inlet & outlet of each fill line and at bank outlet line. It shall be also provided with 2 no quick release coupling + nipple of size ½" (Parker-SSH4-62 & SSH4-63) for hooking up for the purpose of filling and decanting at CNG station.
- 9.0.7 Cascade shall have the valves fitted on the same side within the cascade opposite to there fueling point and arranged in a manner that any gas leakage is discharged upwards.
- 9.0.8 All cylinders shall be arranged to face one direction in each unit.
- 9.0.9 The interconnecting tube work of cylinder manifold shall have configuration suitable for priority filling and sequential dispensing system by the electronic CNG dispensers.
- 9.0.10 The cylinders shall be permanently and clearly marked for "CNG only" and also labeled as "CNG ONLY" in letter at least 25 mm high in contrasting color in a location which shall be visible after installation. Stickers are not accepted.
- 9.0.11 All cylinder valves and fittings must be rated for the full range of temperature and pressure and the manufacturer shall stamp or permanently mark the valve



body to indicate the service rating.

- 9.0.12 All cylinders are to be hydrostatically tested and approved by third party certification body approved PESO / Bureau of Indian Standards (BIS). Test certificates shall be duly endorsed by approving body and issued before delivery.
- 9.0.13 Approval of third party certification body i.e. Bureau of Indian Standards (BIS)/PESO for all the cylinders to be submitted. Certificates shall be duly endorsed by approving body and issued before delivery.
- 9.0.14 Canopy for the cascades shall be provided and its height shall be as per Industrial practice.
- 9.0.15 Cascades shall be in the single bank configuration.
- 9.0.16 The cascade having horizontal cylinders and sited parallel to other cascade shall be arranged so that cylinder fittings do not face each other.
- 9.0.17 The composite Cylinders shall be Type III/IV fully wrapped composite cylinder as per design/drawings approval by Petroleum and Explosive Safety Organization (PESO), Govt of India.
- 9.0.18 Cascade venting tubes shall not be with welded connection. It shall be with nut ferrule connection. All vents should be connected to common header i. e vent from pressure gauge, tubing manifold. SRV /PSV vent shall be separately connected to header it should not be merged with PG/tubing manifold vent lines. The size of vent header should be min 2" and shall be protected with rain ingress cap. Vent from cylinder safety disc should be connected to common header with separateline.
- 9.0.19 Frame shall be free standing and have facility for lifting by crane and forklift the complete assembled cascade. Bottom and top of frame shall be reinforced to prevent any twisting or strain to inter connections among cascade cylinders during lifting by crane, forklift and during thetransport.
- 9.0.20 Supplier to submit structural drawing of the frame.
- 9.0.21 Gas storage facility shall be protected from the effects of the weather by a canopy designed to facilitate the dispersion of free or escaped gas and shall not permit gas to be trapped.
- 9.0.22 Materials and Surface Treatment: The container frame and structural parts are made of steel & the metal frame and the cylinder supports are pickled and fully galvanized.
- All side walls are covered to protect the cylinders, piping and other attached parts from UV/ dust/ chemical/ oil/ rain etc. Any leakage of gas (methane) from mobile cascade should not get trapped.
 - The walls are made of fully galvanized steel. The cylinders and piping are protected by galvanized steel sheet with necessary arrangements for allowing access to all cylinder valves and periodic inspection and maintenance. Each cylinder is equipped with one manual shut-off valve.
 - All Valves, gauges shall be terminated at a common Junction box, same shall be provided with a shatterproof glass window. Location shall be finalized during detailed engineering.



- The frame shall be given with Legs for keeping gap between frame and base where it is to be placed.
- 9.0.23 Drainage : If liquids accumulate at the bottom of the cylinders, this will lead to an increase of total weight and a loss of gas transport capacity. To empty the liquid, the cylinders must be drained. The system must be designed to have periodic drainage so that the accumulated liquids can be drained easily.
- 9.0.24 High Flow Piping: For high flow rates during filling and emptying larger diameter piping can be installed.
- 9.0.25 **Frame Painting:** Surface preparation by Short Blasting as per grade SA 2 ½ as per IS 9954/ISO 8501-1, shall be carried out. Three coats of paint shall be applied with minimum thickness of 300 micron. (Permissible thickness in each coat shall be within 80 to 120 microns.)
- 9.0.26 Materials used for the piping shall be stainless steel 316 fully annealed seamless confirming to ASTM A269 with maximum hardness of Rb80 or less and suitable for bending and flaring. All fittings including valves shall be of Swagelok/Parker/DKLOK/HYLOK make. Material shall be SS 316 conforming to ASTM A 182 / A 479 / A 276/ A 269. Open ends on fittings and vents shall be provided with caps.
- 9.0.27 Piping / Tubing shall be suitably clamped to the frame structure.
- 9.0.28 The location of inlet/outlet tube manifold and pressure / temperature gauges shall be towards the length side of cascade for Mobile and width side of cascade for stationary.
- 9.0.29 Material of vent tubing shall be SS 316 conforming to ASTM A 269 and vent height shall be minimum 2.6 meter from working level i.e. base of cascade.
- 9.0.30 The cascade cylinder shall be purged with N2 and maintained at 2 bar (g) pressure before dispatch.

9.1 Pressure Relief Valve

- 9.1.1 Single independent SRV for venting of the cascade in case of a run away pressure is accepted. Suitable isolating valve which shall be readily accessible when installed in the storage bank. The isolating valve shall not be capable of closing off the pressure relieving device.
- 9.1.2 Relief devices shall be positioned in such away as to avoid discharge of high pressure gas to the operator or persons in close vicinity and suitably extended.
- 9.1.3 SRV Pressure shall not exceed 20% above MAWP of the system.
- 9.1.4 Vent of the SRV shall be left outside canopy for direct venting into the atmosphere in case of functioning.

9.2 Painting

Painting of Cylinder shall as per CCOE Approval.

9.3 The MEGC/cascade module shall be suitable for mounting and transportation in the vehicle models as



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

Water Liter Capacity	Vehicle Type
9360 WL (Min. 8800 WL & Max. WL capacity of Cascade shall not exceed 10000 WL) capacity Note: Total Cascade weight (including cylinders, frame, Compressed Gas, container, tubes & fittings etc.) shall not exceed 9 Tons.	TATA / Ashok Leyland /Eicher/ equivalent make truck (HCV) having deck length of 20 ft.

9.0 STORAGE CYLINDERS

- 9.1** All the Cylinder Specifications, valves, safety relief devices, pressure gauges, pressure Relief devices etc. shall remain same as mentioned above.
- 9.2** All cylinders used for the transport of compressed gas shall be type approved, in writing, by the Chief Controller of Explosives / Petroleum & Explosives Safety Organization

The design stress shall include an allowance to include an allowance to enable the cylinder to withstand shocks normally encountered by the movements on road, such as acceleration and deceleration for a minimum of 4g (4 times gravity).

- 9.3** All the attachments to the cylinders shall be protected against accidental damage which may result from collision, overturning or other operational cause.
- 9.4** All the cylinders shall be designed to withstand the most severe combined stresses to which they may be subjected to by the pressure of the gas, the pumping pressures and shock loading caused by transport conditions.
- 9.5** All end connections for quick release coupling, pressure gauges, valves and fittings of cascade shall be within tamper proof, wire cage enclosure. These shall be on one side of cascade for ease of operation. After opening the doors only flexible hose quick release coupling connections to the cascade are authorized.

10.0 INSPECTION AND TESTING

- 10.1** Frame structure of each cascade shall be capable of withstanding 4G impact (four times gravity) from any direction without any distortion. Supplier to submit 4-G static test Calculation of one complete assembled cascade with all the cylinders mounted. If 4G calculation is not applicable in any case (same shall be justified) then, Cascade must confirm to ADR 2019, clause 6.7.5.2.8.



- 10.2** Frame structure of mobile cascade and its fastening under the maximum permissible load shall be capable of absorbing the applied static forces in all the given directions as per ADR rules (The European Agreement concerning the International Carriage of Dangerous Goods by Roads).
- 10.3** The supplier shall carryout Finite element analysis (FEA) of cascade frame structure to check stress concentrations at various points & to ensure failsafe structure. The service provider shall carryout the analysis at his own cost and submit the reports to Owner/Owner's representative.
- 10.4** Vendor shall carry out cylinder burst test of one cylinder from the entire batch produced for supply to owner in case offered cylinders are of new design. Vendor shall inform the schedule of the test well in advance to enable Owner or their authorized representative to depute technical personnel for witnessing the test.
- 10.5** Vendor shall carry out all standard shop tests / QA / QC as per recommendation of manufacturer / Chief Controller of Explosives or Petroleum and Explosives Safety Organization (PESO). Copies of the testing /inspection carried shall be furnished to owner.
- 10.6** Vendor shall furnish record of storage capacity check of each cylinder in a cascade and the same need to be demonstrated to Owner / Consultant or their authorized representative.
- 10.7** Each assembled storage cascade with all tubing, valves shall be pressure tested to ensure existence of no leakage prior to dispatch.
- 10.8** All tests / checks described above or recommended by manufacturer / Chief Controller of Explosives or Petroleum and Explosives Safety Organization (PESO) shall be witnessed by Third Party Inspection Agency.
- 10.9** In case any problem or abnormality found / occurs in cascade during commissioning or warranty period, bidder has to get it solved within 24 hours of lodging of complaint by owner.
- 10.10** Owner / Consultant or its representative / third party or both shall have access for stage-wise and final inspection to those parts or areas of the plant where work or testing of the equipment is being performed, including packaging items.
- 11.0 DOCUMENTATION**
- 11.1 Following documents shall be submitted with the offer (Technical Bid):**
- 11.1.1 Drawing of cylinder of specified parameters and proposed to be used in offered cascades, approved from Chief Controller of Explosives / Petroleum and Explosives Safety Organization (PESO), Government of India, Nagpur.
- 11.1.2 Schematic of cascade piping
- 11.1.3 Drawing of cascade frame and assembly.



- 11.1.4 Bill of quantities with weight of each component
- 11.1.5 Make of bought out items.
- 11.1.6 Detailed time schedule for supply indicating time period required for cylinder manufacturing, cascade frame fabrication, shop testing, dispatch of material from works and delivery at site.
- 11.1.7 Dimensions & schematic drawings of cascades offered.

11.2 Following documents shall be submitted after release of order:

- 11.2.1 Schematic of cascade piping, drawing of cascade frame and bill of quantities with weight of each component and make for Owner / Consultant's review and approval.
- 11.2.2 The supplied cylinders shall have the certification from CCOE, Government of India, Nagpur for suitability of each cylinder for filling and storage of CNG upto 255 Kg/cm² (g)/ 250 bar (g) at 15 deg C in India.
- 11.2.3 Vendor shall furnish the material test certificates for all bought out items like cylinder raw material, tubing / piping, valves, check valves and fittings with the shipment.
- 11.2.4 QA / QC report for manufacture of cylinder and testing shall be furnished.
- 11.2.5 Bidder shall furnish "As built" drawing of each CNG cascade with serial number indicating schematic, structural dimensions and bill of material with shipment.
- 11.2.6 Test/calibration certificates of gauges, isolation valves and mounting blocks used in distribution line of cascade, Structural analysis & finite element analysis (FEA) reports of cascade frame (duly certified by authorized inspection agencies like TUV, SGS & Bureau VERITAS or equivalent)

12.0 PROTECTION DURING SHIPPING:

The cascade shall be packaged to with stand rough handling during ocean shipment and in land journey. It shall be vendor's responsibility to rectify any deterioration / damage that occurs during shipment. Sling points shall be clearly indicated on crates.



**MAHARASHTRA NATURAL
GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

13. CYLINDER SPECIFICATION:

Sr. No	Category	Specification
1	Design code	All relevant codes given in clause <u>Codes & Standards</u> of this specification
2	Working pressure	250 bar g at 15°C
3	Material	Fully wrapped Type-III/IV composite cylinder
4	Painting of cylinders	All cylinder pigmenting should be as per directions of Chief Controller of Explosives (CCOE), PESO, Govt. of India & relevant Manufacturing standard.
5	Capacity of cylinder	*
6	No. Of cylinders	*
7	Manufacturing process	*
8	Neck threads	*
9	Design Temperature of Cylinder in deg C	*
10	Design Pressure of Cylinder in bar	*
11	Maximum allowable working pressure in bar	*
12	SRV set Pressure	*
13	Test pressure of cylinder	*
14	Burst Test Pressure	*
15	Burst disc material	*
16	Burst disc set pressure	*
17	Cylinder Valve Type	*
18	Valve Make and model, material	*
19	Type approval number	*
20	Valve design temperature	*
21	Valve design pressure	*
22	Valve design pressure Valve	*
23	Temperature range fusible plug	*
24	Valve end connection size	*
25	Valve thread type	*
26	Weight of cylinder	*
27	Weight of frame	*
28	Dimension of frame Lx W xH in mm	*
29	Weight Overall assembly with empty cylinder	*
30	Gas mass per cylinder at 250 bar at 15deg C	*
31	Gas mass per cylinder at 250 bar at 15deg C	*
32	Gas mass in cascade at 40bar	*



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GAS LIMITED**

Tender for Annual Rate Contract for Procurement of Type III / IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and CGD Network of all GAs of MNGL.

Bid No.: MNGL/CP/2026-27/32

33	QRC coupling size	*
34	Gap between cylinder in frame	*
35	Cylinder clamping material and details	*
36	Cascade cylinder stacking arrangement (row & column)	*
37	Common vent header material land size.	*
38	Height of common vent line	*

*To be filled by bidder.

14. **EXPERIENCE RECORD PROFORMA FOR CASCADE:**

	PARAMETER	Information on offered mode	Information on Existing Cascade (Location)	
			1	2
1	No. of Units Supplied			
2	Service	CNG		
3	Working Pressure of Cascade in bar (g)			
4	Site min. /max. Temp.			
5	Normal flow from each bank Kg/hr.			
6	Cascades water capacity- Litres.			
7	Water capacity of single cylinder used in cascade – Litres.			
8	Material of Cylinder			
9	Thickness of cylinder wall and disc end in mm			
10	Size of the Cascades			
11	Type of Cascades (Stationary / mobile)			
12	Valve make			
13	Valve type and Dia.			
14	Nos. of banks in cascade			
15	Nos. of cylinders in low bank			
16	Nos. of cylinders in medium bank			
17	Nos. of cylinders in high bank			
18	Water capacity of cylinders individual banks – litres.			
19	4-G Stationary calculation for one complete assembled package			
20	Cylinder burst test for one cylinder			
21	Design standard code used			
22	Total weight of cascade in – Tons			
23	Burst pressure and temperature for burst disc in bar (g)			
24	Hydrostatic or Hydrostatic Stretch test			
25	Pressure test for Leakage			



**MAHARASHTRA NATURAL
GAS LIMITED**

**Tender for Annual Rate Contract for Procurement of Type III /
IV Cylinder Mobile Cascades of 9360 WL Capacity for CNG and
CGD Network of all GAs of MNGL.**

Bid No.: MNGL/CP/2026-27/32

26	Design case gas composition			
27	Approved Manufacturer License certificate from CCOE Nagpur			
28	Dimensions of the Total package			
29	Warranty certificates			
30	Dimension of package max.			
31	Calibration certificates for all instrument gauges etc of package			
32	Test certificates of all instruments with cylinder, tubing's, fittings of total package			
33	Date of commissioning of cascade			
34	Where cascades are supplied: Address and Fax/Telephone no. of Contact person			
35	Major problems encountered if any			