



**THE INSTITUTE OF COST ACCOUNTANTS OF INDIA
(Statutory Body under an Act of Parliament)**

HEADQUARTERS

CMA BHAWAN, 3 INSTITUTIONAL AREA, LODHI ROAD, NEW DELHI – 110 003.

KOLKATA OFFICE

CMA BHAWAN, 12 SUDDER STREET, KOLKATA -700016.

TENDER FOR

**SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED SILENT
GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301,
DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH.**

To be Submitted to : The Convener, Tender Committee
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road, New Delhi – 110 003.

Tender Submitted by: -

NAME OF THE FIRM/AGENCY/BIDDER: :

ADDRESS :

DATE :

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NOTICE INVITING TENDERS (PRESS)

SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED SILENT GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH.

THE INSTITUTE OF COST ACCOUNTANTS OF INDIA invites sealed tenders from reputed OEM of approved make/ Authorised dealer of OEM in two-bid system for Supply, Installation and Commissioning of Two Numbers Gas Based Silent Generator Sets for its office Building at **CMA BHAWAN, C-42, SECTOR-62, NOIDA-201301, Dist. Gautam Buddha Nagar, Uttar Pradesh.** Interested bidders may download the application and other terms and conditions of the tender from the Institute's website www.icmai.in (Tender Section). Last date of submission of the tender is 20.08.2025.

Place: New Delhi

Date: 31.07.2025

Sd/-
Convener, Tender Committee,
ICMAI, New Delhi

LETTER OF INTENT

Sealed competitive tenders superscripted **“FOR SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED SILENT GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH.”** are invited in two bid system **“TEHNICAL BID “& “PRICE BID”** from OEM companies or Authorised Dealer of OEM of approved make who have successfully completed similar type of work. The Tender document containing application form, the eligibility criteria, the detailed conditions, specifications, time schedule and schedule of quantities for the said purpose can be down loaded from the Institute web site www.icmai.in under tender section.

1. Name of Work : **SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED SILENT GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH.**

2. Estimated Cost : Rs. 84, 00,000.00 Plus Applicable GST for 2 nos. 250 KVA capacity Gas Based Gen Set. (Cost Includes Supply, Erection, Commissioning and the Cost of Foundations)

3. E.M.D./ISD : Rs. 1,68,000.00 (Rupees one lakh sixty eight thousand only)
(To be submitted along with the Technical bid in the form of DD in favour of **“The Institute of Cost Accountants of India”**, payable at Delhi)

Bid Security to be obtained from all the bidders except the bidders, registered with Micro and Small Enterprises (MSEs) and start up entities (Company/Firm). The Bidder shall submit the Udyog Adhar Certificate and the undertaking and certificate issued by the DPIIT for Start-up businesses.

The EMD of unsuccessful bidders shall be refunded to them without any interest after the decision of awarding the work to the L-1 bidder is taken.

Those who are having registered with **MSME are exempted from EMD**. Copy of valid MSME certificate for the relevant work should be enclosed with the technical bid of the tender.

The successful MSME bidder need to deposit the EMD amount of Rs. 1,68,000.00 along with Performance Security within one weeks' time from the receipt of the work order from the Institute.

EMD to be deposited in the form of demand draft payable at **Delhi** in the Name of **“THE INSTITUTE OF COST ACCOUNTANTS OF INDIA”**, drawn on any scheduled bank. No interest shall be paid on the EMD.

The earnest money deposit of Rs. 1,68,000.00 by the successful tenderer, who submitted his tender shall be held by the Institute as part of security deposit. 100% of the security deposit will be released after the defect liability period of 12 Months from the date of completion of the work without any interest.

4. Total Security Deposit : 10% of the contract value, including EMD

5. Period for Completion of Work : 30 days

6. Last Date and Time of receipt of completed Tenders : 20.08.2025, up to 4.00 P.M

7. Place of submission of tender : CMA Bhawan, 3, Institutional Area, Lodhi Road, New Delhi – 110003.

8. Tender address to : The Convener, Tender Committee
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road,
New Delhi – 110 003.

9. Pre-Bid Meeting : At 3:30 P.M. on 12.08.2025 at CMA Bhawan, 3, Institutional Area, Lodhi Road, New Delhi – 110003.

10. Date and Time of opening of Technical Bids : 21.08.2025 at 3.00 PM

11. Date and Time of opening of Price Bids of Eligible Bidder/ Technically Qualified : To be informed in due course through SMS/Email/WhatsApp/ Phone Call etc. to the technically qualified bidders.

Note: The ICMAI, reserves the right to select or reject any or all tenders without assigning any reason whatsoever and not bound to accept the lowest tender.

Date: - 31.07.2025

Sd/-
Convener, Tender Committee,

Place: New Delhi

LETTER SUBMITTING TENDER

Place:

Date:

To,
The Convenor,
Tender Committee,
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road,
New Delhi – 110 003

Dear Sir,

Sub: SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED SILENT GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH.

Having examined the item specifications, requirements, and other details mentioned in the tender reference No. Tender/Noida/DG/01 dated 31.07.2025 relating to works specified in the memorandum and having visited and examined the site of the works specified in the said memorandum and affecting the tender, I/We, hereby offer to execute the works specified in the said memorandum at the rates mentioned in the attached schedule and in accordance in all respects with the specifications and instructions in writing referred to in conditions of tender, special conditions, and conditions of contract by and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

1. Description of the Works : SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH
2. Earnest Money : Rs. 1,68,000.00
3. Time Allowed for completion of the works from fifth day after the date of written order to commence the work : 30 Days
4. Should this tender be accepted, I/We hereby agree to abide by fulfil the terms and provisions of the conditions of contract annexed hereto so far, they may be applicable, or in default thereof to forfeit and pay to the Institute of Cost Accountants of India, Delhi.
5. I/We deposit a sum of Rs. _____ as earnest money in the form of Bank Demand Draft/Banker's Cheque bearing No..... dated..... drawn in favour of **"The Institute of Cost Accountants of India"** payable at **New Delhi**, which amount is not to bear any interest. Should I/We fail to execute the contract when called upon to do so, I/We do hereby agree that this sum shall be forfeited by the Institute of Cost Accountants of India, New Delhi.
6. Lists showing the particular type of works carried out are enclosed.

7. Our Bankers are:

(i)

(ii)

8. The names of partners of our firm are:

(i)

(ii)

9. The name of the partner/authorised signatory of the firm authorized to sign
or the names of persons having Power of Attorney to sign the contract
(Certified true copy of the Power of Attorney should be attached)

Signature and Address of Witnesses:

1.

2.

Yours faithfully,

Name and Signature of the Bidder

TENDER NOTICE

The Institute of Cost Accountants of India, Delhi intends to collect offers from OEM of approved make/authorised dealer of OEM for SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED SILENT GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH.

The eligibility criteria, terms and conditions, application format and other details/requirements are as under:

Sl. No.	Description	Details
1.	Name of Work	SUPPLY, INSTALLATION AND COMMISSIONING OF TWO NUMBERS GAS BASED GENERATOR SETS AT CMA BHAWAN, C- 42, SECTOR 62, NOIDA-201301, DISTT. GOUTAM BUDDHA NAGAR, UTTAR PRADESH
2.	Date of issue of application Documents form Institute's Website	From 31.07.2025 to 20.08.2025 Web Site of the Institute www.icmai.in (under tender section)
3.	Last date & time for submission of Offer/Tender	20.08.2025 up to 4.00 PM
5.	Address at Which Application (Hard Copy) has to be Submitted.	The Convener, Tender Committee The Institute of Cost Accountants of India, CMA Bhawan, 3, Institutional Area, Lodhi Road, New Delhi – 110 003
6.	Place of opening of application	The Institute of Cost Accountants of India, CMA Bhawan, 3, Institutional Area, Lodhi Road, New Delhi – 110 003

7. Application form can be downloaded from the Institute's website www.icmai.in (under the tender section). It shall be the responsibility of the Bidder to arrange and ensure that all pages of the bid are properly bound. Tenders in loose pages may not be considered for further processing/disqualified.
8. The Bidder shall sign and stamp each page of the tender document thereby ensuring the number and sequence of all pages.
9. No conditions other than those mentioned in the tender will be considered.
10. The Institute reserve their rights to accept or reject any or all the tenders, either in whole or in part without assigning any reason(s) for doing so and no claim / correspondence shall be entertained in this regard.
11. Bidder must have full- fledged service setup at New Delhi/Noida. Proof to this effect must be enclosed.
12. For any query regarding this tender, the Bidder/Offerer may contact the official of the Institute. [Contact No.– 033-40364727 (extn. 207) and email id: infrastructure.delhi.addl@icmai.in / infrastructure@icmai.in]

Sd/-

The Convener, Tender Committee
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area,
Lodhi Road, New Delhi – 110 003

PRE-QUALIFICATION OF BIDDER

APPLICATION FORM

(Please strike-off which is not applicable)

Documents, which are to be enclosed with the application should be demarcated as Annexures A, B, C etc. as mentioned below with Flag.

S. No.	Particulars	To be filled by the Applicant
1	Name of the applicant	
2	Postal Address of the Registered Office (Mandatory)	
	E-mail Id: (Mandatory)	
	Contact telephone/ Mobile No. (Mandatory)	
3	Year of establishment (Mandatory) . Certificate of Incorporation / Memorandum of Association for the proof of establishment (Annexure – “A”) (Please enclose documentary evidence)	
4	(i) Constitution of the firm. (Annexure – “B”) (Enclose certified copies of documents as evidence)	Sole proprietorship/Partnership/ Private Ltd. /Ltd. Co/ Any other (Please specify)
	ii) Name of proprietor / Partners. /Directors. of the organization/firm. (Annexure – “C”) Enclose certified copies of document as evidence	
	iii) Name/s of authorized signatory with designation	
	iii) Mode of Authorization. (Annexure – “D”) Enclose certified copies of document as evidence.	Resolution/Partnership Deed /Registered Power of Attorney/Proprietor/ any other (Please specify)
	iv) Details of registration-whether partnership firm, company, etc. Name of registering authority, date and registration number (Note: Partnership firms not registered with the appropriate authority need not apply) Enclose certified copies of document as evidence. (Annexure – “E”)	
5	Whether registered with Govt. /Semi Govt. / Institutes/ CPWD/Municipal Authorities or any other Public Organization and if so, in which class and since when. Enclose certified copies of document as evidence. (Annexure – “F”) i. Name of organization Category Registration No.& Date ii. Name of organization Category Registration No.& Date	YES/NO
6	No. of years. of experience in the field and details of work in any other field	
7	Yearly turnover of the organization during last 3 years. (Year wise) (Annexure – “G”)	FY - 2021-2022 = FY- 2022- 2023 = <u>FY-2023-2024 =</u> Average:
8	Bank's Details (Annexure – “H”) a) Full Postal Address of the branch b) Account No c) IFSC Code No d) Type of Account	

9	Bank's Solvency Certificate/Limit (Please enclose latest Solvency certificate from the Banker not prior to September 2022) (Mandatory) (Annexure – "I")	
10	Whether registered with `GSTIN, if yes, GST No. (GST registration should have with Uttar Pradesh state) (Mandatory) (Annexure - "J") Please enclose documentary evidence	
11	Whether an assess of Income Tax. If so, mention PAN/TAN No along with copy of Pan/TAN card. (Annexure – "K")	
12	Furnish audited balance sheet and profit& Loss A/c (Audited) for the last 3 years. Whether last 3 years IT returns filed (Pl. enclose certified copies of the IT return of the year: -2021-22; 2022-23; 2023-24 (Annexure – "L")	
13	Detailed description and value of works done during the last 5 years. as per Annexure M	
14	Whether any Civil Suit/litigation arisen in contracts executed during the last 7 years. If yes, please furnish the name of the project, Institute, nature of work, contract value, work order and brief details of litigation. Give name of the Court, place, status of pending litigation	
15	Information relating to whether any litigation is pending before any Arbitrator for adjudication of any litigation or else any litigation was disposed of during the last five years by an arbitrator. If so, the details of such litigation are required to be submitted.	
16	Service set up, Registration and Trade Licenses required (Mandatory) Please enclose documentary evidence. (Annexure – "N")	Having full- fledged service setup at Delhi NCR/Noida. Must have valid licenses for related trades, PAN, GST Registration etc. with respective registering authorities. The Bidder should have valid GSTIN for Uttar Pradesh for processing the bill.
17	The applicant should have possessed valid authorised Dealership certificate from the OEM of approved make Please enclose documentary evidence. (Annexure – "O") (Mandatory).	

NOTE: Photocopies of all self-attested documentary evidences to be enclosed.

Name and Signature of the Bidder
with seal

Declaration

- i) I/We declare that the information given above are true to the best of my/our knowledge. I/we also understand that if at any stage it is found/noticed by the Institute that any information thus provided by me/us is untrue/incorrect partly or fully and in case of receipt of adverse /unsatisfactory report from other clients/Institutors, the Institute may not consider my/ our application and/or may de-list me/ us and /or may take any appropriate action against me/us.
- ii) I/We also understand that partly / wrongly filled applications and/or applications not in prescribed pro-forma and / or applications not accompanying relevant documents / Annexures / annexed documents in sequence wise are liable to be summarily rejected by the Institute without assigning any reason whatsoever. No Correspondence will be made in this regard.
- iii) I/We also declare that I/we will not get myself/ourselves registered as Bidders in the Institute of Cost Accountants of India in more than one name.
- iv) I/ We agree and authorize the Institute to obtain the confidential report from my / our clients, to obtain credit opinion from the Bank and to verify the work executed by us.
- v) I/ We submit all the Certificates and documents as mentioned in the application form/Checklist of the Eligibility Criteria and General Conditions for Pre-qualification.
- vi) I/ We confirm that all the Rules prevailing in the concerned states, State & Central Govt. statutory requirements etc. are complied by me/ us.
- vii) I/We understand that this is merely an application and does not entitle me/us to be necessarily qualified by the Institute for awarding the contract and the Institute reserves the right to reject all and/or any application without assigning any reason whatsoever.
- viii) I/We confirm that I/we do not have any close/near relatives in the Institute.
- ix) I/We have read and understood the Press Notice, pre-qualification & this application form along with Annexure and my/our firm full fill the Eligibility criteria as described in the notice.
- x) I/We am/are authorized to sign and submit these documents for Pre-qualification.
- xi) I/We understand that the Application should be submitted in Spiral Binding maintaining serial of Annexures as asked for in the Application format, with proper flagging for each Annexure. Failing which the application will be liable to be summarily rejected by the Institute without assigning any reason whatsoever. No Correspondence will be made in this regard.

Place:

Date:

Signature of the applicant(s) with seal

No. of documents duly signed and attached [_____]

Eligibility Criteria

Prequalification criteria:

1. The Bidder's firm should have existed for at least five years in the field. Bidders should enclose the Company Registration Certificate.
2. The quote should come only from an Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
3. The price bid/offer price should be in INR only.
4. The bidder should sign and submit the declaration for Acceptance of Terms and Conditions as per -Annexure 1, above.
5. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect has to be given as per - Annexure 3.

The Eligible bidder should satisfy the below-mentioned criteria and should submit valid Documentary evidence for the below-mentioned points:

- a. The bidder should be a company registered under the Companies Act, 2013 /Partnership Firm/Proprietorship entity and should have been in the similar kind business for more than 3 years.
- b. The bidder should have an average turnover of INR 1 crore or above during audited financial year of 2021– 2022; 2022-2023 & 2023-24 and submit the following:
 - i. A copy of the audited annual accounts for these years.
 - ii. Copy of GST Registration Number of UP State.
 - iii. Copy of PAN Card.
 - iv. Copy of Trade License.
8. The tenderers need to be approved make OEM Or authorized dealers and provide the rates with the model details, exact or closest to the specifications mentioned in the tender document, as per the format given in the tender document. **In case of authorized dealers, it is Mandatory to submit OEM Authorization Letter, with details dully filled up by the bidders at the time of Submission of Tender/Bid.**

Scope of Work

1. This specification covers the design, engineering, manufacture, shop testing, supply, erection, testing and commissioning of 415V,3 phase & N, 250 KVA new Gas Generator Set for Office Premises along with all required accessories including integral AVM pads, weather and Sound proof acoustic enclosure.
2. Bidder should submit CPCB (Central Pollution control Board) certificate at the time of third-party inspection & Gas gen set is multi cylinder, naturally aspirated / turbocharged/ after- cooled engine/ having individual coils and ECU controlled.
3. Bidder shall be responsible for providing the AMC services during the Guarantee / Warrantee/ Defect Liability Period on 12 months from the date of commissioning. Bidder shall also be responsible for providing the Comprehensive Annual Maintenance Contract services for 4 years after the Guarantee / Warranty/Defect Liability period & Bidder shall be responsible for attending the complaint call regarding the problem in Gas Genset within 24 hrs. from the date & time of the complaint.
4. Bidder shall provide training to at least 2 persons of the Institute for minimum 3 days for proper operation, maintenance and to adhere to the preventive measures.

Terms and Conditions and Specification

A) Submission of Tender:

1. All documentation in the tender should be in English.
2. Tenders should be submitted in two envelopes (two-bid system).
 - a. **Technical Bid (Part-A)** – Technical bid consisting of all technical details and checklist for conformance to technical specifications. The technical proposal should contain a technical compliance table as mentioned below;
 - I. The first column must list the technical requirements in the order given in the technical requirements below.
 - II. The second column should provide instrument specifications against the requirement. Please provide quantitative responses wherever possible.
 - III. The third column should describe your compliance with a “Yes” or “No” only. Ensure that the entries in column 2 and column 3 are consistent.
 - IV. The fourth column should state the reasons/explanations/context for deviations, if any.
 - V. The fifth column can contain additional remarks from the OEM. You can use this opportunity to highlight technical features, qualify responses of previous columns, provide additional details, compare your solution with your competitors, or provide details as requested in the technical requirements table below.
 - b. **Commercial Bid (Part-B)** – Indicating item-wise price for the items mentioned in the Price bid, **as per the format of Bid provided in the tender** and other commercial terms and conditions.
3. The technical bid and price bid should be placed in **two separate sealed covers**, superscribing the tender description, tender no., and Contact details (Name of the Firm/Agency, Contact Number, Email etc.) on both envelopes. Both the said sealed covers are to be placed in **another sealed cover**,

duly superscripted with the Tender No, Tender Description and Contact details (Name of the Firm/Agency, Contact Number, Email etc.)

4. The SEALED COVER should reach to the Convenor, Tender Committee, The Institute of Cost Accountants of India, CMA Bhawan, 3, Institutional Area, Lodhi Road, New Delhi – 110 003 on or before 20.08.2025 up to 4.00 PM. If the due date is a holiday, the tender will be accepted on the next working day. If the Tender/Offer cover is not sealed and not reached to us within the schedule date and time, the same will be rejected.
5. If the price is not quoted in the Commercial Bid as per the format provided in the tender document, the bid is liable to be rejected.
6. The Institute reserves the right to accept or reject any bid and reject all bids at any time prior to the award of the contract without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.
7. Incomplete bids will be summarily rejected.

B) Cancellation of Tender:

Notwithstanding anything specified in this tender document, the Institute, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

- a. To accept OR reject the lowest tender, any other tender, or all the tenders.
- b. To accept any tender in whole or in part.
- c. To reject the tender, offer not confirming the tender terms.

C) Validity of the Offer:

The offer shall be valid 180 Days from the date of opening of commercial/Price bids.

D) Evaluation of Offer:

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required eligibility criteria mentioned above shall only be considered for Commercial/Price Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Prequalification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during the technical evaluation or commercial evaluation. The decision regarding acceptance and/or rejection of any offer in part or full shall be the sole discretion of the Institute, and the decision in this regard shall be binding on the bidders.
4. The contract award will be subject to acceptance of the terms and conditions stated in this tender.
5. Any offer that deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - a. Non-submission of complete offers.
 - b. Receipt of bids after the due date and time or by email/fax (unless specified otherwise).
 - c. Receipt of bids in open conditions.
6. In case any BIDDER is silent on any clauses mentioned in these tender documents, the Institute shall construe that the BIDDER has accepted the clauses as of the tender, and no further claim will be entertained.

7. No revision of the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
8. The lowest bid will be calculated based on the total price of all items tendered for the basic equipment, accessories selected for installation, operation, preprocessing and post-processing, optional items, recommended spares, warranty, and annual maintenance contract and buy-back offer. The Institute seeks the most cost-effective solution for obtaining a new tool. Bidders are encouraged to propose all avenues, including but not limited to buy back of the existing tool, turnkey upgrade of the existing tool, or purchase of a new tool.

E) Pre-requisites:

The bidder will provide the prerequisite installation requirement of the equipment along with the technical bid.

F) Warranty:

The complete system has to be under warranty for a minimum period of 1 year from the date of commissioning. The Bidder should include the cost of any spares needed during the warranty period, including electronics, subcomponents, and software. If the instrument is defective, it has to be replaced at the bidder's cost within 30 days from receipt of written communications from the Institute. If there is any delay in replacement or rectification, the warranty period should be extended.

G) Comprehensive Annual Maintenance Contract:

- ✓ A Comprehensive Annual Maintenance contract for at least four years post-warranty should be provided as an essential, optional item upon completion of the warranty period.
- ✓ The Bidder shall provide the comprehensive AMC services during the entire Guarantee / Warrantee period and also for next 4 years & the Bidder shall be responsible for attending the complaint call regarding the problem in the Gas Genset within 24 hrs. from the date & time of complaint.
- ✓ The bidder will be responsible for the supply and maintenance & replacement of all Consumables, Spares, Lubricants, oil, grease, cotton, coolant & battery etc. during the AMC period (including the initial fill).
- ✓ The spares, consumables etc. used shall be strictly as recommended by OEM & as mentioned in the technical catalogues / specifications of the equipment etc. or as decided by the Institute.
- ✓ The Institute will provide only the Natural Gas required for operation during the AMC period.
- ✓ Bidder shall be responsible for complete overhauling / Maintenance as recommended in the OEM manual including all type of spares, consumables etc.
- ✓ The manpower for the maintenance will be in the bidder's scope.
- ✓ The Institute will not pay any maintenance charge to the vendor other than the AMC cost during the complete contract tenure.
- ✓ **Bidder shall be responsible for attending the complaint call regarding the problem in Gas Genset within 24 hrs. from the date & time of complaint.**
- ✓ The Bidder shall be responsible for deploying service representative at the site for maintenance work / preventive maintenance and check of proper functioning / operation of the Gas Genset once (1) in every 1 month, even if no service / complaint call is received from the Client / Owner within 1 month duration. Month shall mean the calendar month. If more than one service call is received from client in the 1-month duration, contractor shall be liable for attending the same without any extra cost to client.

- ✓ Contractor shall be responsible for carrying out the maintenance of all items / parts of the Gas Genset.
- ✓ Contractor shall be responsible for doing the Visual check (components are clean and are functioning as they should be etc.), Electronic / Instrumentation Inspection (Check All power and control wire termination points as well as all battery system Components etc.), Functional / Operational Verification, Mechanical Check of all the mechanical items & Civil check for all the civil work, during its visit to site as per the instructions of the Institute.
- ✓ After every maintenance the report shall be submitted by the bidder for proper record and verification by the Institute. All the reports shall be submitted with all relevant data available on the format approved by the Institute.
- ✓ All services shall be performed by the authorized / competent service providers only. Certificate credentials to be submitted by the bidder to the Institute before deputation.
- ✓ All the cost for deputation of representative, as & when required shall be to the Bidder's scope. No extra cost shall be payable for the labour, traveling, lodging, boarding etc.
- ✓ Maintenance shall be done to maintain the parameters of the system and its other accessories according to the OEM manual /requirement, tender document & parameters accepted/recorded during the entire tenor.
- ✓ **Bidder shall be responsible for providing the substitute/standby facility/utility for the equipment with immediate effect as the Gas Generator is removed, for maintenance/repair work during the contract period or if the problem is not rectified within 24 hours from the time of reporting at site by the Bidders's representative.**
- ✓ Bidder shall be responsible for the safety of their service engineers/labours/Electrical safety department/executives deputed at the site for the rectification/maintenance work. All the personal protective equipment shall be provided by the Bidder to their representative deputed at site while performing the maintenance job.
- ✓ Under comprehensive AMC contract of 4 years plus warranty period, Bidder's engineer shall visit on monthly (12 times in a year at site) basis for preventive maintenance and monitoring.
- ✓ Response Time/Penalty clause:
 - a) In case of break down, service provider's engineer shall attend to the complaint within 24 Hrs from complaint logging.
 - b) If Bidder's engineer fails to attend the complaint within mentioned time period, penalty of Rs.100/ per hour will be applicable up to maximum 50% of the Half yearly invoice value of the AMC.

H) Spares:

- a) Bidders must provide a detailed list of spares and a user manual with a detailed Bill of Materials for all Parts. It should include the Spares Column with the Manufacturer part Number, Qty, and availability of stock after 4 Years from date of completion of 1 year warranty.
- b) Vibration Mounting Pads, as recommended shall be supplied with the Gas Genset set.

I) Purchase Order:

The quantity of the items in the tender is only indicative. The Institute reserves the right to increase/decrease the quantity of the items depending on the requirement. If the product and service quality is unsatisfactory, the Institute reserves the right to cancel or amend the contract.

J) Delivery, Installation, and Training:

The bidder shall provide the lead time to delivery, installation, and make functional at CMA Bhawan, Noida, from the date of receipt of the purchase order. The system should be delivered, installed, and functional within 30 days from the date of receipt of the purchase order. The supply of the items will

be considered as effective only on satisfactory installation, commissioning and inspection of the system and the inspection of all the items and features/capabilities tested by the Institute. **For acceptance, the Bidder must demonstrate the technical specifications mentioned in the tender.** After successful installation and inspection, the date of taking over the entire system by the Institute shall be taken as the start of the warranty period. **No partial shipment is allowed.** The bidder should also arrange for technical training for the local facility technologists and users.

K) Payment Terms:

100% payments (except AMC) will be released after completion delivery, satisfactory installation, Commissioning, and qualification, subject to TDS and other statutory deductions as per rules. AMC cost (if ordered after completion of the warranty period) will be released on a half-yearly basis at the end of each six months, subject to satisfactory services. No advance payment can be made to Bidders unless an equal amount of bank guarantee is provided.

L) Statutory Variation:

Any statutory increase in the taxes and duties subsequent to the bidder's offer, if it takes place within the original contractual delivery date, will be borne by the Institute, subject to the claim supported by documentary evidence. However, if any decrease occurs, the advantage will have to be passed on to the Institute.

M) Disputes and Jurisdiction:

Any legal disputes arising from any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction in Delhi NCR, India.

N) General:

1. All amendments, time extensions, clarifications, etc., within the tender's submission period, will be communicated electronically. No extension of the bid due date/time shall be considered due to a delay in receipt of any document(s) by mail.
2. The bidder may furnish any additional information necessary to establish capabilities to complete the envisaged work successfully. It is, however, advised not to furnish superfluous information.
3. With prior intimation, the bidder may visit the installation site before tender submission.
4. Any information furnished by the bidder found to be incorrect, immediately or later, would render the bidder liable to be debarred from tendering/taking up work in the Institute.
5. The Gas Generator Set shall be an outdoor type complete with a suitable acoustic enclosure, to limit noise level to permissible limits of the Central Pollution Control Board. The set shall consist of a Gas Engine coupled to a suitable alternator having self-brushless type / static excitation system and include all necessary accessories and control panel as specified and as required.
6. The engine and generator shall be mounted on an integral robust fabricated steel frame with anti-vibration mountings pads. A common foundation will be provided. Required set of foundation bolts, nuts and washers etc. shall be supplied by the bidder.
7. The generator set supplied must be factory tested as per relevant codes and as mentioned in this technical specification. Bidder shall also submit the Third-Party Inspection test reports for all the tests carried out as per the relevant codes/standards and this technical specification.
8. The generator set shall be capable of taking the block loading in a single step.
9. The generator shall have a vibration isolation arrangement.

10. The generator shall have advanced Digital Controller for the engine and alternator combine with LED display unit for display of system parameters and fault indication of both the engine / alternator.
11. The generator set shall have cooling system rated for 50°C ambient temperature.
12. The generator shall have a test certificate confirming the generator load parameters.
13. The generator shall have auto start feature with programmed cranking cycles.
14. The generator shall have package mounted Line Circuit breaker for protection.
15. Lifting lugs must be provided for safe handling and the gas generator set shall be mounted on the iron base frame which shall be grouted on the concrete foundation. Preparation of foundation shall be to bidder's scope.
16. The generator package shall have a gas detection alarm sensor fitted in flame-proof box with a controller and alarm mounted in a separate compartment in the acoustic enclosure as per guidelines of the statutory agency.
17. The generator set shall have a spark arrester fitted on it.
18. All internal piping and the piping required for the connection of the Gas Generator inlet, auxiliaries, meter etc. with the Client's tap-off provided at a distance as per SOR up-to the foundation shall be to the Bidder's scope.
19. The material used for station piping shall be Mild Steel, for the connection between IGL's tap-off point and Gas Genset inlet / metering device.
20. The laying of earthing strips from the equipment, to ensure safety of equipment, to the earthing pit to be provided by the bidder as per the requirement shall be to bidder's scope. The complete earthing pit arrangement with electrode / plate earthing shall be provided by the bidder. The earthing shall be done by GI strip of 50 X 6 mm. The strip laid shall be made properly covered with insulating material, this shall be in bidder's scope.
21. Supply, installation, testing and commissioning of gas genset electric panel including supply of all electric/control cables and proper fixing of panel on wall. If it is required to change the location of existing panels of electric room, to fix the genset panel, the work will be in the scope of the Bidder.
22. All the tools & tackles, manpower, material required to complete the job till starting of gas genset is in the scope of the Bidder.
23. Gas detector along with suitable alarm system shall be installed in gas genset.

(O) Gas Engine: -

(1) The generator set shall be powered by proven field tested 4 strokes, 6-cylinder, water cooled Gas Engine suitable for operating on CNG with a power output of at-least 5% more than the max. power required by the alternator along with all standard engine components and shall have following features:

- a) Internal Exhaust System with approved Spark Arrestor.
- b) The Gas Engine shall be suitable for block loading in one step and supplied with Electronic Isochronous Governor for optimum fuel, spark performance and frequency regulation of ± 0.5 %.
- c) Residential grade silencer.
- d) Battery Charging Alternator of suitable rating.
- e) 12 V starter motor.
- f) High engine temperature safety & shutdown.
- g) Low Lube Oil Pressure safety & shutdown.
- h) Dry type air filter.

- i) Cartridge type lubrication oil filter
- j) The Generator supplier shall submit list of successfully completed SITC work of at least 2 no. of similar specification and capacity Gas Gensets in the last Five (5) year with one year completed AMC/warranty period.
- k) The generator set shall have a gas train to operate at a range of gas pressure @4.0 KG/Sq. Cm. Any facility required for reduction or increase in the pr. from the average pr. range mentioned in SOR for the operation of Gas Generator shall be to the contractor scope.
- l) The Bidder shall provide a metering device at the inlet of Gas Genset for metering the Gas used for operation.
- m) The Gas Engine shall be supplied with high silicone content or other improved material pistons for durability/long life. Expected engine life without any major maintenance shall be indicated by the bidders.

(2) LUBE OIL SYSTEM: - Automatic pressure lubrication system shall be provided. Bidder shall also indicate the specific lube oil consumption and capacity of the lube oil tank.

(3) ENGINE STARTING SYSTEM: - Starting of the gas engine shall be by electrical starting system. Electrical Starting System shall comprise of a starter motor, batteries, battery charger and all the necessary instruments and accessories. Batteries and battery charger and associated panel, cabling, supporting structure etc shall be supplied by the bidder.

(4) Battery Make shall be **AMCO, EXIDE, HBLNIFE**, or any other REKNOWNED ISI marked Battery.

(5) AIR INTAKE AND EXHAUST SYSTEM; - Air intake filter and silencer shall be provided. The exhaust system shall consist of an exhaust gas silencer, necessary piping, adapters, accessories etc.

(6) GOVERNING SYSTEM: - The Gas engine should have Electronic Isochronous governing.

The governor shall be provided for keeping constant speed within permissible limits with variable load. The governor shall be electronic type. It shall be capable of operating on isochronous mode i.e. the speed of the engine (frequency of the generator set) shall remain constant irrespective of the load on the Gas Generator set up to 100% capacity. RPM indicator and tachogenerator to trip the Gas Generator set during overspeed shall also be provided.

(P) Foundation:

The preparation of a complete foundation for erecting the equipment shall be to bidder's scope. The foundation prepared must have sufficient strength to sustain all types of the load / stresses developed during the running of machine at 100% rated load and rated speed. Bidder shall submit the foundation drawing along with the bid.

(Q) Bidder shall submit 4 sets in hard print and 1 set in soft storage device, of the following drawings:

- a. Outline dimensional drawings with general arrangement.
- b. Piping flow sheets and piping layout.
- c. Electrical wiring and schematic diagram along with cable schedule and general arrangement drawing for control panel.
- d. Foundation drawings.
- e. Fuel oil system with instrumentation and control with write-up.
- f. Lube oil system with instrumentation and control with write-up.
- g. Governor system and voltage regulator write-up.
- h. G.G. set instrumentation and control system with write-up.
- i. The bidder shall also provide 4 sets in hard print and 1 set in soft storage device, of installation, operation, maintenance and major overhauling instruction manuals before Field Performance test and acceptance of material at site.

(R) Tests

Following tests shall be carried out for the Gas Generator set.

- ✓ Routine tests for engine like fuel consumption test at 100% & 50% load for 12 hrs. each, 24 hours running test at 75% load, etc. as per relevant Indian /International Standards.
- ✓ The load requirement for carrying out the tests or any other requirement at site for carrying out the inspection / tests shall be provided by bidder on its own cost & risk.
- ✓ Routine tests for alternator, as per latest IS-4722 or other applicable Indian Standards, like Insulation Resistance and High Voltage Test etc.
- ✓ 8 hours run test with the set completely assembled at the bidder's test bed / foundation at site with full load. All parameters must be recorded in presence of owner's representative.
- ✓ Bidder shall perform the following tests at site to the satisfaction of owner, if required:
 - a. Automatic starting up and interlock
 - b. Governor response
 - c. Voltage regulator response
 - d. Speed/voltage droop setting for parallel operation as specified.
- ✓ Bidder shall submit copies of routine and type test certificates for approval in required sets before dispatch.

(S) Wiring

All control wiring inside the controller shall be carried out with 2.5 sq.mm 1100/650 V grade PVC insulated copper wires.

(T) Performance Requirements

- ✓ The unit shall be capable of starting from cold condition.
- ✓ The unit shall be capable of a peak output of 100% of the rated output without exceeding permissible temperature limits and with a fairly clear visible exhaust.
- ✓ The unit shall operate up to 100% of the rated speed over the entire range of output without undue vibration and noise.
- ✓ The unit shall be in accordance with Standby Rating as per ISO-3046/1, BS and any other relevant codes/standards.
- ✓ Slam shut off valve or an alternate arrangement should be provided to shut off the supply of gas in case gas pressure exceeds the specified limits.
- ✓ The bidder shall provide gas meter of reputed make to monitor the gas consumption in SCM / Kg.
- ✓ Proper Filter shall be provided before Gas Metering unit to ensure protection against any foreign material.
- ✓ 1 no. ball valve shall be provided for isolating the gas supply from gas genset as and when required.
- ✓ The bidder may study the requirement at site and quote accordingly as per site conditions.
- ✓ Any item not mentioned and required for proper functioning of the Gas Genset/ gas train shall be provided free of cost by bidder.
- ✓ The Noida Authorities' gas pipeline pressure at tap-off point shall be 4.0 KG/CM². Bidder is required to arrange suitable gas train for pressure reduction (as per gen set requirement), gas filtering, slam shut/regulation, isolation valves, pressure gauges etc.
- ✓ The bidder would be required to submit test certificate of all the equipment in Gas Gensets / gas train.
- ✓ The filter should be hydro tested up-to 1.5 times of the line pressure at its installation point.

- ✓ The bidder would be required to submit calibration certificates of gas meter and pressure gauges and other installed instruments as applicable and submit the detailed P&ID & GAD.

(U) Make: Kirloskar/Cummins/TATA

(V) Digital Controller:

- ✓ The Digital Controller shall be integrally mounted on generator set and shall have automatic start function with provision for manual Start / Stop / Reset and Auto options as per technical specs / features listed below:
 - a. The Digital Controller shall have self-diagnostics and test function.
 - b. Digital Controller shall have LED to display Engine Parameters like Running Hours, Crank Cycle status, Diagnostics.
 - c. There must be a provision of indicating the below listed parameters either via gauges or on LED display.
 - i) Lubricating Oil, Coolant & inlet Gas pressure gauge
 - ii) Lubricating Oil, Coolant & Gas temperature gauge
 - iii) Digital tachometer and hour meter
 - iv) Ammeter
 - v) Circuit Breaker
 - d. LED shall also display communication or there must be alarm system for faults like:
 - i) Filter Choke indicator
 - ii) High Engine Temperature,
 - iii) Low Oil Pressure
 - iv) Over Crank Safety
 - v) Over Speed
 - vi) Over Frequency
 - vii) Over Voltage
 - viii) Under Frequency
 - ix) Under Voltage
 - x) High Battery Voltage
 - xi) Low Battery Voltage
 - xii) Auxiliary Fault.
 - e. Digital Controller shall preferably have a MMI membrane keypad for configuration and adjustment of features like:
 - i. Password protection for Menu access
 - ii. Voltage, Gain and Speed adjustments
 - iii. System configurations like System Voltage, Phase and
 - vi. Frequency settings etc.

(W) Alternator: (Power output @ 0.8 Power Factor)

(X) Technical Specifications of 250 kVA Gas Based Silent Generator

Water Cooled Engine and Generator Rating Offered -

EQUIPMENT: Kirloskar/Cummins/TATA SILENT GENSET, ENGINE; MODEL: AS PER MANUFACTURE'S MODEL NO. CYLINDERS: 8, COOLING: Water/AIR, ENGINE RATING: HP@1500RPM, PG OR IND: PG, KVA RATING: 250, VOLTAGE: 415, FREQUENCY: 50, PHASE: 3, POWER FACTOR: 0.8

At Standard Conditions as per ISO 8528 & ISO 3046 -

Generator Make	Engine Model	No. of Cylinders	Prime Rating		Stand-by Rating	
			Generator kVA- 50 Hz, 3 Ph., 415 V, 3p.f. as per ISO8528	Engine bhp at 1500 rpm as per ISO3046	Generator kVA- 50 Hz, 3 Ph., 415 V, 3 p.f. as per ISO8528	Engine bhp at 1500 rpm as per ISO3046
Kirloskar/ Cummins/ TATA	As per manufacture's Model No.	8	250 kVA	310bhp	275 kVA	341 bhp

Notes:

1. Engine ratings: Gross rated continuous output according to BS 5514, DIN 6271, ISO 3046/1 standards as appropriate.
2. Generating set ratings: Prime rating according to ISO 8528 standard.
3. For PRIME rating 10% overload permitted for 1 hour in every 12 hours consecutive run.
4. For stand-by ratings no further overload is permitted.
5. Ratings applicable at standard NTP conditions as mentioned above. For any further deterioration of site conditions, appropriate de-rating factor to be applied for output at site conditions.

Generator Specifications

Voltage	415V
No. of Phases	3
Frequency	50 Hz
Speed	1500 RPM
Power Factor	0.8 power factor
Construction	Generator Set - Steel base skid mounted with anti-vibration mounts between Engine-Alternator set and base frame. Panel - A control panel equipped with safety features and provision for automatic operation of the generating set.
Gas Based Gen Set	<ul style="list-style-type: none">• Make: - Kirloskar/Cummins / TATA• 1500 rpm• 4 strokes• Cooled Natural Gas engine.• Electronic governor.• Dry type Air cleaner• Pressurized lubrication through gear pump• Fuel filter, Pressure gauge mounting arrangement, Pressure reducing valve, Flow control valve, Temp. sensor, Pressure sensors• Ignition System with Electronic coil and spark plug• Engine has fuel kit comprising Regulator, Mixer and valves available to give optimum fuel efficiency

	<ul style="list-style-type: none"> • Spin on type lube oil filter • 24 V electrical start • 24 V battery charging alternator • The engine is capable to take 10% overload for 1 hour in every 12 hours when operated for PRIME duty application.
Alternator	<ul style="list-style-type: none"> • Kirloskar/Cummins/TATA/ (Or alternate equivalent) make • 3 phase, 415V, 50Hz, 0.8 Power Factor • Brushless design • IP 23 protection • Class H insulation • Self-excited, AVR (Automatic voltage regulator) controlled and screen protected. • Alternator capable to take 10% overload for 1 hour in every 12 hours • Direct coupled to the engine
Frame & Mounting Arrangement	<ul style="list-style-type: none"> • The complete Generating set is mounted on a Heavy duty "Skid Type frame. The frame incorporates lifting points for lifting by crane. • Engine and alternator are flange connected and directly coupled through a disc coupling and mounted on base frame. Anti-vibration mounts are provided for mounting of engine alternator assembly on base frame.
Control Panel	<p>Rating set control panel is supplied with a sophisticated suitable SEDEMAC KG- 645 make module generator PLC controller</p> <p>This PLC controller is manufactured by SEDEMAC and is a sophisticated PLC controller for Gas generating sets.</p> <p>The DSE module monitors the engine, indicating the operational status and fault conditions, automatically shutting down the engine and giving a true first up fault condition of an engine failure. The LCD display indicates the fault.</p>
	<p>A Powerful microprocessor contained within the module allows for incorporation of a range of enhanced features -</p> <ul style="list-style-type: none"> • based LCD display • True RMS voltage, current and power monitoring • Engine parameter monitoring • Fully configurable inputs for use as alarms or a range of different functions <p>Using a PC and the configuration software allows alteration of selected operational sequences, timers and alarm trips. Additionally, the module's integral facia configuration editor allows adjustment of this information.</p> <p>The Deep-Sea module has the ability to monitor under/over voltage, over current, under / over generator frequency, under speed, over speed, charge fail, emergency stop, low oil pressure, high engine temperature, fail to start, ` low / high DC battery volts, reverse power, earth fault protection, out of synch amongst other features.</p> <p>Engine shutdown with indication for following is available –</p> <ul style="list-style-type: none"> • Low lube oil pressure • High Water Temperature • Over speed • Under speed • Over frequency • Under frequency

	<ul style="list-style-type: none"> • Over voltage • Under voltage • Other Instrumentation (digital) - • Voltmeter • Ammeter • Frequency meter • Hours run counter • Lube oil Pressure • kW-hr meter • DC voltmeter • Other hardware - • Control ON/OFF switch • Emergency Stop Switch – Mushroom Type 	
Manuals & Electrical Drawings	The following will be supplied with each set (in English language) -	
Engine Make		Kirloskar/Cummins /TATA
Genset Type		KG1-250WSNG1
Prime Power	<i>kVA</i>	250
	<i>kWe</i>	200
Engine Model		DV8
Type	-	V type
Cooling Type	<i>Air/Water</i>	Water Cooled
Combustion System	-	Spark Ignition
Aspiration	-	Turbo charged and after cooled
Speed Governing	-	ECU Governing
Emission Compliance	-	CPCBII
Firing Order	<i>(Starting From Fly Wheel End)</i>	1-5 -7 -2-6 -3-4-8
No of Cylinders	<i>No</i>	8
Bore	mm	130
Stroke	mm	150
Engine Volume	CC	15928
	<i>dm³</i>	15.928
Compression Ratio		10.5 ± 1
Power Gross	<i>HP & (No Over load)</i>	310
	<i>kW</i>	228.0
Speed	<i>RPM</i>	1500
Maximum Torque	<i>Nm</i>	1452
BMEP @ Rated Power	<i>Bar</i>	11.7
U.F.C @ 50% Load	<i>Kg/Hr.</i>	27.2
	<i>SCM</i>	35.7
F.C @ 75% Load	<i>Kg/Hr.</i>	35.9
	<i>SCM</i>	47.2
F.C @100% Load	<i>Kg/Hr.</i>	44.7
	<i>SCM</i>	58.8
Sump-Lube Oil Capacity	<i>Liters</i>	46
Lube Oil Change Period	<i>Hours</i>	500
Starting system	-	24VDC
Inlet Gas Pressure Requirement	Min (Bar)	1
	Max (Bar)	4
Dimensions(mm)	Length x Width x	As per Manufacturer's specification

	Height	
Weight (Dry)	~Kg	As per Manufacturer's specification

1. The maximum power of engines is declared at NTP conditions and appropriate deration factor will be applicable with respect to Natural Gas genset site altitude and ambient air conditions. The effect of the fuel quality should also take into account on performance i.e. Methane %: Min 88% & Calorific Value of Fuel: Min 8500Kcal/m³
2. F.C: Fuel Consumption; A tolerance of +/- 5% will applicable as per IS8528. Updated on 20-05-2022.
3. Dimensions are approximate and vary with options.;

Above specifications are subject to change without prior notice due to continuous technical development.

SALIENT FEATURES OF ACOUSTIC ENCLOSURE

The acoustic enclosure is made of 16-gauge CRCA sheet. The salient features of the acoustic enclosure are:-

- ♦ The enclosure is of modular construction with the provision to assemble and dismantle easily at site.
- ♦ The sheet metal components are to be pretreated before powder coating.
- ♦ The enclosure is powder coated (inside as well outside) with a special pure polyester-based powder. All nuts and bolts internal are made of MS / all nuts and bolt external are made of SS.
- ♦ The doors are gasketed with high quality EPDM gaskets to prevent leakage of sound
- ♦ The door handles are lockable type.
- ♦ Sound proofing of the enclosure is done with high quality PU foam with superior lattice structure for effective sound absorption, fire retardant grade of suitable thickness, die cut and pasted with special adhesive for long durability.
- ♦ Specially designed attenuators are provided to control sound at air entry and exit points.
- ♦ Adequate ventilation is provided to meet total air requirement. If required, a blower is provided to meet total air requirement.
- ♦ Temperature of enclosure does not exceed beyond 5-7 C of ambient temperature.
- ♦ There is a provision of emergency shutdown from outside the enclosure.
- ♦ Noise Level is <75 dB(A) at 1 mtr distance under free field conditions, i.e. as per CPCB norms.
- ♦ Door hinges are made of anti-corrosive special alloy.
- ♦ Viewing window is fitted with toughened glass instead of acrylic sheet.

The specifications have to be demonstrated during system installation and acceptance.

SI No.	Natural Gas Based Silent Generator Set Specifications for CMA Bhawan, Noida office Premises	
	Natural Gas Based Generator	The generator should have inbuilt air compressor and no external compressor is required to operate
1	Maximum Flow Rate	Up to 24LPM of ultra- dry, non-methane hydrocarbon free nitrogen at up to 99.9% purity and 116 psi
2	Max Pressure	100-116 psi (6.8-8 bar)
3	Purity	up to 99.9%
4	Gas Outlets	1 x ¼" BSPP
5	Max Relative Humidity	80% RH
6	Max Altitude	3000m
7	Particles	< 0.01 µm
8	Phthalates	Phthalate & BHT Free
9	Suspended Liquids	None
10	Non-Methane Hydrocarbon Content	< 1 ppm NMHC
11	Start-Up Time for Purity	5 minutes

12	Operating Temperature	5°C (41°F) to 35°C (95°F)
13	Electrical Requirements	100 - 240V ±10%, 50/60Hz, 6.4 - 2.9A
14	Air Compressor	Built-in air compressor to maximize space in lab
15	Power Consumption	max 559W
16	Generator Weight	59 kg / 130 lbs (approx.)
17	Generator Dimensions (H x W x D)	524 x 450 x 719 mm (20.6 x 17.7 x 28.3 ")
18	Heat Output (Max measured @100 psi)	230V - 1907 BTU/hr
19	Noise Level	59dB(A) @1m
20	Install base	The company should have at least 50 installations with Waters MS 3100 Mass Detector instruments to ensure the service quality and availability.
21	Service support	The company should have direct service operation India and maintain enough inventory to provide prompt services
22	OEM Recommendation	The gas generators should be tested and approved by MS-OEMs, a certificate is required for suitability and compatibility.

SITE VISIT

The Bidder is advised to visit and examine the site of works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a Contract for the required job. The costs of visiting the site shall be borne by the Bidder.

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

Before quoting the buy-back rates of the existing Gen sets, the Bidder should inspect the conditions and location from where the same is to be lifted.

The Bidder shall not be entitled to hold any claim against the Institute for non- compliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

Technical Bid

The technical bid should furnish all requirements of the tender along with all annexures in this section and be submitted to:

To
The Convenor,
Tender Committee,
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road,
New Delhi – 110 003

Declaration regarding experience

Dated:

To,
The Convenor,
Tender Committee,
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road,
New Delhi – 110 003

Ref: Tender No: Tender/Noida/DG/01_

Sub: Supply of Two Numbers of 250 KVA Capacity Each Natural Gas based Generator for the office Premises of the Institute at Noida

Dear Sir/Madam

I have carefully reviewed the Terms & Conditions in the above-referred tender. I hereby declare that my company/firm has years of experience in supplying and installing the proposed equipment.

(Authorised Signature of the Bidder)

Name & Designation, with Seal

Date:

Declaration regarding track record

Dated:-

To,
The Convenor,
Tender Committee,
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road,
New Delhi – 110 003

Ref: Tender No: Tender/Noida/DG/01 Date: 31.07.2025

Supply of Two Numbers of 250 KVA Capacity Each Natural Gas Generator for the office Premises of the Institute at Noida.

Dear Sir/Madam,

I have carefully reviewed the Terms & Conditions in the above-referred tender. I hereby declare that my company/ firm is not currently debarred/blacklisted by any Government / Semi-Government organizations/institutions in India or abroad. I further certify that I am a competent officer in my company/firm to make this declaration.

Or

I declare the following

Sl.No	Country in which the company is Debarred /blacklisted / case is Pending	Blacklisted/debarred by Government / Semi-Government/Organizations /Institutions	Reason	Since when and for how long
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(NOTE: In case the company/firm was blacklisted previously, please provide the details regarding the period for which the company/firm was blacklisted and the reason/s for the same).

Yours faithfully

(Authorised Signature of the Bidder)

Name & Designation, with Seal

Date:

Declaration for acceptance of terms and conditions

Date :-

To,
The Convenor,
Tender Committee,
The Institute of Cost Accountants of India,
CMA Bhawan, 3, Institutional Area, Lodhi Road,
New Delhi – 110 003

Ref: Tender No: Tender/Noida/DG/01 Dated: 31.07.2025

Dear Sir/Madam,

I have carefully reviewed the Terms & Conditions mentioned in the above-referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

Yours faithfully

(Authorised Signature of the Bidder)

Name & Designation, with Seal

Date:

Details of items quoted:

- a. Company Name
- b. Product Name
- c. Part/Catalogue number
- d. Product Description/main features
- e. Detailed technical specifications
- f. Remarks

Instructions to bidders:

1. Bidder should provide technical specifications of the quoted product/s in detail.
2. Bidder should attach product brochures along with the technical bid.
3. Bidders should clearly indicate compliance or non-compliance with the technical specifications provided in the tender document.

SPECIMEN COPY OF THE AGREEMENT

This Agreement is made on this the _____ day of _____ 2025 at Delhi

BETWEEN

THE INSTITUTE OF COST ACCOUNTANTS OF INDIA, a statutory body set up by an Act of Parliament namely, The Cost Accountants of India Act, 1959, having its Head Office at CMA Bhawan', 3, Institutional Area, Lodhi road, New Delhi – 110 003, (HEREINAFTER referred to as "The INSTITUTE") which expression shall, wherever the context so admits, mean and include its successors, assignees, etc. of the **ONE PART**

AND

M/S. _____, having its Registered Office at _____ (hereinafter referred to as 'Supplier"/Service Provider'), which expressions shall, unless repugnant to the context or meaning, include its successors and assignees) of the **OTHER PART**;

The INSTITUTE and the Supplier are hereinafter collectively referred to as "Parties" and individually as "Party".

WHEREAS

1. The INSTITUTE is seized and possessed a building at **C- 42, Sector 62, Noida (UP)** (hereinafter referred to as 'The Building').
2. The Supplier is an individual/ a Company/ an agency. In case of an individual/ a Company/ an agency which is in existence for a long time and having good experience in Providing, Installation & commissioning of 250KVA and above and providing After sales & services.
3. The INSTITUTE is willing to **Purchase two numbers 250KVA capacity Gas Based Genset** (hereinafter called 'Work') for Noida building.
5. The INSTITUTE accepted the offer of the Supplier for executing the said work and conveyed its acceptance vide letter nos. _____ dated _____, at the rate(s) stated in the Work Order upon the terms and subject to the conditions hereinafter appearing.
6. The offer letter, Time Schedule for supplying the Generator sets Letter of Intent, Letter of Acceptance, Annexures, Appendices and instructions as may be issued from time to time by the INSTITUTE along with the Proposal of Agency shall form part of the contract though separately set out and are included in the expression 'Contract' wherever herein used.
7. The Parties hereto agree that this Agreement shall supersede all previous writing/s and document/s exchanged/executed between the parties hereto in respect of this transaction unless expressly mentioned herein and is finally agreed understanding between the Parties hereto.
8. Based on the above declaration and assurances, the Parties hereto have decided to reduce the terms and conditions of the agreement into writing as hereinafter appearing.

NOW THEREFORE THIS AGREEMENT WITNESSTH AND IT IS HEREBY AGREED AND DECLARED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. REPRESENTATIONS AND WARRANTIES

The Service Provider represents and warrants to the INSTITUTE that:

- a) It is duly organized and validly existing under the laws of India, and has full power and authority to execute and perform its obligations under this Agreement and to carry out the transactions/ activities contemplated hereby;
- b) It has taken all necessary corporate and other approvals, permits and licenses and actions under laws applicable to its business/ services to authorize the execution and delivery of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- c) It has the financial standing and capacity to undertake the Project in accordance with the terms of this Agreement;
- d) In providing the Services, it shall not cause any disruption to THE INSTITUTE'S normal operations
- e) This Agreement has been duly executed by it and constitutes a legal, valid and binding obligation, enforceable against it in accordance with the terms hereof, and its obligations under this Agreement shall be legally valid, binding and enforceable against it in accordance with the terms hereof;
- f) The information furnished in the tender documents and as updated on or before the date of this Agreement is true and nothing is concealed or suppressed;
- g) The execution, delivery and performance of this Agreement shall not conflict with, result in the breach of, constitute a default by any of the terms of its Memorandum and Articles of Association or any Applicable Laws or any covenant, contract, agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;
- h) There are no material actions, suits, proceedings, or investigations pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform any of its material obligations under this Agreement;
- i) It has neither violated nor defaulted with respect to any order, writ, injunction or decree of any court or any legally binding order of any Government Instrumentality which may result in any Adverse Effect on its ability to perform its obligations under this Agreement and no fact or circumstance free exists which may give rise to such proceedings that WOULD adversely affect the performance of its obligations under this Agreement;
- j) It has complied with Applicable Laws and has not been subjected to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have an Adverse Effect on its ability to perform its obligations under this Agreement;
- k) It and its personnel, have the necessary experience, skill, knowledge and competence to perform the Services contemplated under the Tender and this Agreement;
- l) No representation or warranty by it contained herein or in any other document furnished by it to the INSTITUTE or its Employee or its nominated agencies in relation to the Required Consents contains or shall contain any untrue or misleading statement of material fact or omits or shall omit to state a material fact necessary to make such representation or warranty not misleading.
- m) No sums, in cash or kind, have been paid or shall be paid, by it or on its behalf, to any person associated with the INSTITUTE in any manner whatsoever by way of fees, commission or otherwise for award of the tender and/ or entering into this Agreement or for influencing or attempting to influence any person associated with the INSTITUTE in any manner whatsoever in connection therewith.

1. Scope of Work

- 1.1 This specification covers the design, engineering, manufacture, shop testing, supply, erection, testing and commissioning of 415V, 3 phase & N, 250 KVA new Gas Generator Set for Office Premises along with all required accessories including integral AVM pads, weather and Sound proof acoustic enclosure.
- 1.2 Supplier should submit CPCB (Central Pollution control Board) certificate at the time of third-party inspection & Gas gen set is multi cylinder, naturally aspirated / turbocharged/ after- cooled engine/ having individual coils and ECU controlled.
- 1.3 Supplier shall be responsible for providing the AMC services during the Guarantee / Warrantee/ Defect Liability Period on 12 months from the date of commissioning. Supplier shall also be responsible for providing the Comprehensive Annual Maintenance Contract services for 4 years after the Guarantee / Warranty/Defect Liability period & Supplier shall be responsible for attending the complaint call regarding the problem in Gas Genset within 24 hrs. from the date & time of the complaint.
- 1.4 Supplier shall provide training to at least 2 persons of the Institute for minimum 3 days for proper operation, maintenance and to adhere to the preventive measures.

2. Contact Value

The Contact value of the Work shall be Rs. _____/- including GST @18%.

3. Warranty:

The complete system has to be under warranty for a minimum period of 1 year from the date of commissioning. The Supplier should include the cost of any spares needed during the warranty period, including electronics, subcomponents, and software. If the instrument is defective, it has to be replaced at the Supplier's cost within 30 days from receipt of written communications from the Institute. If there is any delay in replacement or rectification, the warranty period should be extended.

4. Comprehensive Annual Maintenance Contract:

- I. A Comprehensive Annual Maintenance contract for at least four years post-warranty should be provided as an essential, optional item upon completion of the warranty period.
- II. The Supplier shall provide the comprehensive AMC services during the entire Guarantee / Warrantee period and also for next 4 years & the Supplier shall be responsible for attending the complaint call regarding the problem in the Gas Genset within 24 hrs. from the date & time of complaint.
- III. The Supplier will be responsible for the supply and maintenance & replacement of all Consumables, Spares, Lubricants, oil, grease, cotton, coolant & battery etc. during the AMC period (including the initial fill).
- IV. The spares, consumables etc. used shall be strictly as recommended by OEM & as mentioned in the technical catalogues / specifications of the equipment etc. or as decided by the Institute.
- V. The Institute will provide only the Natural Gas required for operation during the AMC period.

- VI. Supplier shall be responsible for complete overhauling / Maintenance as recommended in the OEM manual including all type of spares, consumables etc.
- VII. The manpower for the maintenance will be in the Supplier's scope.
- VIII. The Institute will not pay any maintenance charge to the vendor other than the AMC cost during the complete contract tenure.
- IX. **Supplier shall be responsible for attending the complaint call regarding the problem in Gas Genset within 24 hrs. from the date & time of complaint.**
- X. The Supplier shall be responsible for deploying service representative at the site for maintenance work / preventive maintenance and check of proper functioning / operation of the Gas Genset once (1) in every 1 month, even if no service / complaint call is received from the Client / Owner within 1 month duration. Month shall mean the calendar month. If more than one service call is received from client in the 1-month duration, contractor shall be liable for attending the same without any extra cost to client.
- XI. Contractor shall be responsible for carrying out the maintenance of all items / parts of the Gas Genset.
- XII. Contractor shall be responsible for doing the Visual check (components are clean and are functioning as they should be etc.), Electronic / Instrumentation Inspection (Check All power and control wire termination points as well as all battery system Components etc.), Functional / Operational Verification, Mechanical Check of all the mechanical items & Civil check for all the civil work, during its visit to site as per the instructions of the Institute.
- XIII. After every maintenance the report shall be submitted by the Supplier for proper record and verification by the Institute. All the reports shall be submitted with all relevant data available on the format approved by the Institute.
- XIV. All services shall be performed by the authorized / competent service providers only. Certificate credentials to be submitted by the Supplier to the Institute before deputation.
- XV. All the cost for deputation of representative, as & when required shall be to the Supplier's scope. No extra cost shall be payable for the labour, traveling, lodging, boarding etc.
- XVI. Maintenance shall be done to maintain the parameters of the system and its other accessories according to the OEM manual /requirement, tender document & parameters accepted/recorded during the entire tenor.
- XVII. **Supplier shall be responsible for providing the substitute/standby facility/utility for the equipment with immediate effect as the Gas Generator is removed, for maintenance/repair work during the contract period or if the problem is not rectified within 24 hours from the time of reporting at site by the Suppliers' representative.**
- XVIII. Supplier shall be responsible for the safety of their service engineers/labours/Electrical safety department/executives deputed at the site for the rectification/maintenance work. All the personal protective equipment shall be provided by the Supplier to their representative deputed at site while performing the maintenance job.
- XIX. Under comprehensive AMC contract of 4 years plus warranty period, Supplier's engineer shall visit on monthly (12 times in a year at site) basis for preventive maintenance and monitoring.
- XX. Response Time/Penalty clause:
 - c) In case of break down, service provider's engineer shall attend to the complaint within 24 Hrs from complaint logging.

- d) If Supplier's engineer fails to attend the complaint within mentioned time period, penalty of Rs.100/ per hour will be applicable up to maximum 50% of the Half yearly invoice value of the AMC.

5. Spares:

- a) Suppliers must provide a detailed list of spares and a user manual with a detailed Bill of Materials for all Parts. It should include the Spares Column with the Manufacturer part Number, Qty, and availability of stock after 4 Years from date of completion of 1 year warranty.
- b) Vibration Mounting Pads, as recommended shall be supplied with the Gas Genset set.

6. Purchase Order:

The quantity of the items in the tender is only indicative. The Institute reserves the right to increase /decrease the quantity of the items depending on the requirement. If the product and service quality is unsatisfactory, the Institute reserves the right to cancel or amend the contract.

7. Delivery, Installation, Training and Liquidated Damages:

The bidder shall provide the lead time to delivery, installation, and make functional at CMA Bhawan, Noida, from the date of receipt of the purchase order. The system should be delivered, installed, commissioning and functional within 30 days from the date of receipt of the purchase order. The supply of the items will be considered as effective only on satisfactory installation, commissioning and inspection of the system and the inspection of all the items and features/capabilities tested by the Institute. **For acceptance, the Bidder must demonstrate the technical specifications mentioned in the tender.** After successful installation and inspection, the date of taking over the entire system by the Institute shall be taken as the start of the warranty period. **No partial shipment is allowed.** The bidder should also arrange for technical training for the local facility technologists and users.

If the Suppliers fails to delivered, installed, commissioning and functional within 30 days from the date of receipt of the purchase order, Liquidated Damages @ 1% of the Contract value per week or part there of subject to a maximum of 10% of contract value/final bill amount. This is without prejudice to any other remedy available to the INSTITUTE under the agreement.

8. Payment Terms:

100% payments (except AMC) will be released after completion delivery, satisfactory installation, Commissioning, and qualification, subject to TDS and other statutory deductions as per rules. AMC cost (if ordered after completion of the warranty period) will be released on a half-yearly basis at the end of each six months, subject to satisfactory services. No advance payment can be made to Suppliers unless an equal amount of bank guarantee is provided.

9. Statutory Variation:

Any statutory increase in the taxes and duties subsequent to the Supplier's offer, if it takes place within the original contractual delivery date, will be borne by the Institute, subject to the claim supported by documentary evidence. However, if any decrease occurs, the advantage will have to be passed on to the Institute.

10. Disputes and Jurisdiction:

Any legal disputes arising from any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction in Delhi.

11. General:

1. All amendments, time extensions, clarifications, etc., within the tender's submission period, will be communicated electronically. No extension of the bid due date/time shall be considered due to a delay in receipt of any document(s) by mail.
2. The Supplier may furnish any additional information necessary to establish capabilities to complete the envisaged work successfully. It is, however, advised not to furnish superfluous information.
3. With prior intimation, the Supplier may visit the installation site before tender submission.
4. Any information furnished by the Supplier found to be incorrect, immediately or later, would render the Supplier liable to be debarred from tendering/taking up work in the Institute.
5. The Gas Generator Set shall be an outdoor type complete with a suitable acoustic enclosure, to limit noise level to permissible limits of the Central Pollution Control Board. The set shall consist of a Gas Engine coupled to a suitable alternator having self-brushless type / static excitation system and include all necessary accessories and control panel as specified and as required.
6. The engine and generator shall be mounted on an integral robust fabricated steel frame with anti-vibration mountings pads. A common foundation will be provided. Required set of foundation bolts, nuts and washers etc. shall be supplied by the Supplier.
7. The generator set supplied must be factory tested as per relevant codes and as mentioned in this technical specification. Supplier shall also submit the Third-Party Inspection test reports for all the tests carried out as per the relevant codes/standards and this technical specification.
8. The generator set shall be capable of taking the block loading in a single step.
9. The generator shall have a vibration isolation arrangement.
10. The generator shall have advanced Digital Controller for the engine and alternator combine with LED display unit for display of system parameters and fault indication of both the engine / alternator.
11. The generator set shall have cooling system rated for 50°C ambient temperature.
12. The generator shall have a test certificate confirming the generator load parameters.
13. The generator shall have auto start feature with programmed cranking cycles.
14. The generator shall have package mounted Line Circuit breaker for protection.
15. Lifting lugs must be provided for safe handling and the gas generator set shall be mounted on the iron base frame which shall be grouted on the concrete foundation. Preparation of foundation shall be to Supplier's scope.
16. The generator package shall have a gas detection alarm sensor fitted in flame-proof box with a controller and alarm mounted in a separate compartment in the acoustic enclosure as per guidelines of the statutory agency.
17. The generator set shall have a spark arrester fitted on it.

18. All internal piping and the piping required for the connection of the Gas Generator inlet, auxiliaries, meter etc. with the Client's tap- off provided at a distance as per SOR up-to the foundation shall be to the Supplier's scope.
19. The material used for station piping shall be Mild Steel, for the connection between IGL's tap-off point and Gas Genset inlet /metering device.
20. The laying of earthing strips from the equipment, to ensure safety of equipment, to the earthing pit to be provided by the Supplier as per the requirement shall be to Supplier's scope. The complete earthing pit arrangement with electrode / plate earthing shall be provided by the Supplier. The earthing shall be done by GI strip of 50 X 6 mm. The strip laid shall be made properly covered with insulating material, this shall be in Supplier's scope.
21. Supply, installation, testing and commissioning of gas genset electric panel including supply of all electric/control cables and proper fixing of panel on wall. If it is required to change the location of existing panels of electric room, to fix the genset panel, the work will be in the scope of the Supplier.
22. All the tools & tackles, manpower, material required to complete the job till starting of gas genset is in the scope of the Supplier.
23. Gas detector along with suitable alarm system shall be installed in gas genset.

12. INDEMNITY

That the Supplier shall keep the INSTITUTE indemnified against all actions, suits and proceedings and all and any costs, charges, expenses, loss or damage incurred, suffered, caused to/sustained by the INSTITUTE by reason of any default or breach or lapse or negligence or non-observance of any rules, regulations, laws, bye-laws etc. or non-performance or any non-payment by / on behalf of the Supplier.

13. RESERVATION CLAUSE:

That the INSTITUTE reserves the right to add or omit any item(s) of the contract work or restrict/decrease the scope of work. The decision of the INSTITUTE shall be final and binding in regard thereto and the Supplier shall not be entitled to claim any compensation other than the admissible rates provided for in the contract or otherwise mutually agreed upon for such additions, alternations, modifications, variation omissions etc.

14. TERMINATION:

The Service Provider shall provide the services as per the Scope of Work and adhere to the delivery schedule as per the Tender document.

Without prejudice to any other rights or remedy available to the INSTITUTE, the INSTITUTE may terminate the contract, at its option in whole or in part in case of any of the following violations by the Service Provider and entrust the work to some other Supplier/Service Provider.

- a) The Supplier/ Service Provider refuses to provide services which the Service Provider is required to render under the Tender documents and contract or refuse to render the same within the time or in the manner or otherwise according to the Contract.
- b) The Supplier/Service Provider provides the services which are of sub-standard quality and /or not as per the original contract; unsatisfactory service or failure on the part of the Service Provider to meet the delivery schedules or variation in the quality of services.
- c) The Supplier/ service provider closes its business or no longer exists or becomes incapable of or unable to perform the services; dissolution of firm or commencement of liquidation

- or winding up proceedings or appointment of a Receiver or insolvency of the service provider;
- d) The Supplier/ Service provider assigns or sub-lets the work under the contract without the prior written permission of the INSTITUTE;
 - e) If at any time, it is found that any of the information/document provided by the service provider is false;
 - f) If the Supplier fails to adhere to the time Schedule stipulated in the Tender documents and contract or the extended time which may be granted by the INSTITUTE in its sole discretion.
 - g) in case there is any change in the constitution of the firm of the Supplier for any reason whatsoever

In all the above cases, the contract may be terminated by giving 30 days' advance written notice to the service provider and Performance Security Deposit submitted by the service provider shall be forfeited. However, the termination notice may be revoked provided the service provider rectifies the drawbacks/defaults within notice period to the satisfaction of the INSTITUTE. No consequential damages shall be payable to the service provider in the event of such termination.

Either party may terminate the contract by giving 30 days' advance written notice without assigning reason subject to completion of awarded dispatch orders.

Even after the termination of its engagement, the Supplier shall remain liable for any acts of negligence, omissions and commissions and be responsible for due certification/approval of any bills submitted by the Contractors at any time, in respect of the work, executed before the termination of the Supplier's appointment; but shall not be entitled to additional remuneration therefor.

15. ARBITRATION:

That in the event of any question, dispute or differences arising out or in connection with any of the terms and conditions of the Agreement, in the first instance, the parties hereto shall try to resolve the same by mutual consultation, failing which the same shall be referred to the sole arbitrator to be appointed mutually by the parties. The Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment thereof, shall apply to these arbitration proceedings. The Seat of Arbitration shall be held at Delhi and the language of the arbitration proceeding shall be in English. The arbitral award shall be final and binding upon both the parties. All arbitration awards shall be in writing and shall state the reasons therefor.

16. JURISDICTION:

Subject to the arbitration Agreement contained herein, any dispute between the parties arising out of this Agreement shall be subject to the jurisdiction of the Courts at Delhi.

17. FORCE MAJEURE:

Notwithstanding anything contained in the Agreement and Tender document, the Service Provider shall not be liable for liquidated damages or termination for default, if and to the extent that the delay in performance or other failures to perform its obligations under the Agreement and Tender document is the result of an event of *Force Majeure*. For purposes of this clause "*Force Majeure*" means an event beyond the control of the parties and not involving the fault or negligence of the parties and which was not foreseeable. Such events may include wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargos.

Force Majeure inter alia shall not include.

- a) Any event which is caused by the negligence or intentional action of a Party or such Party's Sub Agency or agents or employees.
- b) Any event which a diligent Party could reasonably have been expected to both
 - Take into account at the time of the conclusion of this Agreement, and
 - Avoid or overcome in the carrying out of its obligations hereunder.
- c) *Force Majeure* shall not include insufficiency of funds or failure to make any payment required hereunder.

The decision of the INSTITUTE, regarding *Force Majeure* shall be final and binding on the Service Provider. If a *Force Majeure* situation arises the Service Provider shall promptly notify to the INSTITUTE in writing of such conditions and the causes thereof. Unless otherwise directed by the INSTITUTE in writing, the Service Provider shall continue to perform its obligations under the agreement as far as reasonably practical and shall seek all reasonable alternative means for performance not prevented by the *Force Majeure* event. In case a *Force Majeure* conditions exists for a period more than 15 days, the INSTITUTE may terminate the Contract.

18. Following Documents are part of this Agreement

i. Tender Document.

ii. Work Order.

19. Notices:

Any notice to be given by a Party regarding this agreement shall be in writing and shall be deemed duly served if delivered personally or sent by post to the addressee at the address mentioned in the agreement or at the e-mail of that Party as set out below the authorized e-mail IDs for correspondence shall be:

The Institute of Cost Accountants of India ("The INSTITUTE")

And

..... (other party)

20. ASSIGNMENT:

The Supplier shall not assign, sublet or transfer its obligations under this agreement to third party, without the written consent of the INSTITUTE.

SIGNED AND DELIVERED BY THE WITHIN NAMED OFFICIAL

THE INSTITUTE OF COST ACCOUNTANTS OF INDIA

(CMA Dr. Debaprosanna Nandy)

Secretary (Officiating)

IN THE PRESENCE OF

1)

2)

M/S. _____
IT'S & DULY AUTHORISED
Supplier

IN THE PRESENCE OF

1)

2)

Checklist

(This should be enclosed with a technical bid- Part A)

The following items must be checked before the Bid is submitted:

Sealed Envelope “A”: Technical Bid

1. Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:
 - a. Application Form: Bidders details
 - b. Annexure – 1: Declaration Form duly signed by the authorized signatory.
 - c. Annexure 2: Declaration regarding experience.
 - d. Annexure 3: Declaration regarding clean track record.
 - e. Annexure 4: Declaration for acceptance of terms and conditions
 - f. Annexure 5: Details of items quoted
2. Copy of this tender document duly signed by the authorized signatory on every page and sealed.

Note: - *Your Offer/Bid must be submitted in two envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B), superscribing on both the envelopes with, Tender description, Tender No. and due date and both of these in sealed covers and put in a bigger cover which should also be sealed and duly super scribed with Tender No., Tender description & Due Date.*

Sealed Envelope "B": Commercial/Price Bid

Following is the format of the SOR. The bidders are supposed to fill in the details of the SOR in the prescribed format to be submitted in hard copy.

SCHEDULE OF RATES (SOR) - Supply Part (A)								
Sr. No.	Item Description	Unit	Qty	Unit Price including P&F, Freight including & unloading at CMA Bhawan, Noida) (Rs.)	Per unit GST		Total Unit Price including P&F, Freight including insurance & Loading, unloading at CMA Bhawan Noida including GST	Total for two units price at CMA Bhawan inclusive of GST
					%	Amount	Amount	Amount
	SUPPLY PART							
1	Design, Engineering, Manufacturing, Testing, Nameplate marking, Painting, Internal Inspection, Packaging, Forwarding, Transportation, Transit Insurances, Shipment, Unloading at CMA Bhawan Noida, Consumables, Compulsory Spares and Commissioning Spares required for 250 KVA Gas Based Generator Set capable of operating at gas inlet pr. of 4 kg/cm ² (range 2 to 4 kg/cm ²) for Noida area at 48-degree Cent. site temp. with suitable acoustic enclosure. 250 KVA GEG set powered with alternator suitable to develop 250 KVA at 1500 RPM, 415 Volts, 50 Hz, 0.8pf with standard AMF Controller in sound attenuated enclosure complete with pads & battery.	Nos.	2					
	Sub-total (Supply) Part - (A)							Rs.

Note:

- The bidder shall read these SOR (s) in conjunction with the Scope of Work detailed in this Bid Document and quote accordingly
- Bidder to mandatory quote the GST applicable above, the evaluation of the price bid shall be done accordingly (inclusive of GST)
- In case the bidder does not indicate/quote the rate & amount of applicable taxes in the SOR or makes any other statement (e.g., "NIL" "Inclusive", Kept as Blank", "Extra at actual" etc.), their quoted price shall be considered inclusive of all applicable GST.

Authorized Signatory

Name:

Designation:

Date:

Seal

Following is the format of the SOR for reference. The bidders are supposed to fill in the details of the SOR on the in the prescribed format to be submitted in hard copy.

SCHEDULE OF RATES (SOR)- PART- (B) & (C)								
Sr. No.	Item Description	Unit	Qty.	Unit Price Including All Taxes & Duties but Excluding GST (Rs.)	Per unit GST		Unit Price Inclusive of all Taxes and Duties including GST	Total Price of two units including of all Taxes and Duties including GST
					%	Amount (Rs.)		
B	Erection & Commissioning							
1.1	Foundation, Earthing, Installation, Testing and Commissioning of Gas Genset at site, consisting of Filtration, Pressure reduction, Metering, Changeover electric panel etc. facilities. The price shall be inclusive of Airfare, Boarding, Lodging, Local Transport, Incidental, traveling etc. & all other expenses Gas piping with Gas Supply line with Metering (providing input pressure -2 to 4 Kg/cm ² .)	Nos.	2					
	Sub-total (Erection & Commissioning) (B) Rs.							
C	Comprehensive AMC							
2.1	Lump sum Annual, Repair & maintenance charges for Gas Generator Set for a period of one year after warranty period of one year inclusive of all consumables, manpower, all spares (Overhauling/maintenance/br eakdown), lubricants etc.	Nos.	2					
2.2	Lump sum Annual, Repair & maintenance charges for Gas Generator Set for a period of second year after warranty period of one year inclusive of all consumables, manpower, all spares (Overhauling/maintenance/br eakdown), lubricants etc.	Nos.	2					
2.3	Lump sum Annual, Repair & maintenance charges for Gas Generator Set for a period of Third year after warranty period of one year inclusive of all consumables, manpower, all spares	Nos.	2					

	(Overhauling/maintenance/breakdown), lubricants etc.							
2.4	Lump sum Annual, Repair & maintenance charges for Gas Generator Set for a period of fourth year after warranty period of one year inclusive of all consumables, manpower, all spares (Overhauling/ maintenance/breakdown), lubricants etc.	Nos.	2					
	Sub Total (Repair & Maintenance for comprehensive AMC) (C)							Rs.

SCHEDULE OF RATES (SOR) – Buy-Back Part (D)

Sr. No.	Item Description	Unit	Qty.	Unit Price including P&F, Freight including & unloading at CMA Bhawan, Noida) (Rs.)	Per unit GST		Total Unit Price including P&F, Freight including insurance & unloading at CMA Bhawan Noida including GST	Total price at CMA Bhawan inclusive of GST
					%	Amount	Amount	Amount
	BUY-BACK PART							
1	Buy-Back offer of the existing Sound proof Diesel Generator Sets of "Cummins" Make of the following capacity.							
	a. Diesel Silent Generator of 380 KVA Capacity	Nos.	1					
	b. Diesel Silent Generator of 63.00 KVA Capacity	Nos.	1					
	Sub-total (Buy-Back) Part - (D)							Rs.
	GRAND TOTAL (A+B+C-D) Rs.							

Note:

- The bidder shall read these SOR (s) in conjunction with the Scope of Work detailed in this Bid Document and quote accordingly.
- Bidder to mandatory quote the taxes applicable above, the evaluation of the price bid shall be done accordingly (inclusive of GST).
- In case the bidder does not indicate/quote the rate & amount of applicable taxes in the SOR or makes any other statement (e.g., "NIL" "Inclusive", Kept as Blank", "Extra at actual" etc.), their quoted price shall be considered inclusive of all applicable GST.
- Special tool kit, if any, for the Gas Generator Set shall be supplied by bidder within the quoted rates.
- Evaluation of offer shall be on overall Package Basis i.e. Complete SOR Basis i.e. A+B+C-D**

Authorized Signatory

Name:

Designation:

Seal

Date:

Place: