




INDRAPRASTHA GAS LIMITED

NEW DELHI

Request For Inviting Expression Of Interest (Eoi) For Empanelment Of Execution Partners For Setting Up CBG Plants In Various Geographical Areas (GA) Of Operation of IGL.

EOI Document No: IGL/BD/CBG/2023-24/01

Dated : 15.12.2023

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DISCLAIMER

This Expression of Interest (Eoi) document is issued by IGL Indraprastha Gas Limited, (hereinafter mentioned as “IGL”) for general information purposes only, without regard to specific suitability, financial situations and needs of any particular person and does not constitute any recommendation and should not be construed as an offer to sell or solicitation of an offer to buy, purchase or subscribe to any securities or commitment to release orders or sign agreements but is merely an invitation of offer from interested parties for the purpose of empaneling execution partners for setting up of tentatively 09 nos. CBG plants. At present IGL envisages setting up of CBG plants on different/multiple feedstock with different capacity of CBG and FOM/LFOM yield across various states as indicated in TABLE 1.


Neither this Eoi document nor anything contained herein shall form the basis of or be relied upon in connection with any contract or commitment, whatsoever from IGL. However depending upon the individual requirement of the project, in terms of type and quantity of feedstock available, size of land parcel and tie-up/mandate from concerned Government Authority, IGL is free to select party and project proposal for execution/collaboration from the batch which shall be empaneled through this EOI or may consider more parties for empanelment or initiate new process for floating EOI altogether.

This EOI document constitutes no form of commitment on the part of IGL or any of their group companies. Furthermore, this Eoi document confers neither the right nor expectation on any interested parties to be selected to participate in the proposed EOI Process and nothing in this Eoi Document or subsequent submission of Eoi document by an Applicant constitutes a contract between IGL or any other entity and the interested parties.


IGL reserves the right to accept or reject any Eoi. IGL also reserves the right to suspend and/ or cancel the Eoi or the contemplated EOI process and/ or amend and/ or supplement the Eoi/ EOI Process or modify the dates or other terms and conditions relating there to, without assigning any reason and without any liability whatsoever. Applicants are advised to regularly visit IGL’s website [**www.iglonline.net \(Expression of Interest section\)**](http://www.iglonline.net) to keep themselves updated regarding clarifications/ amendments/addendum and time-extensions, if any. No financial obligation will accrue to IGL in such an event.

IGL shall not be responsible for non-receipt of correspondence sent by any Applicants through any mode. IGL shall in no circumstances be responsible to bear or reimburse any expenditure or costs incurred by any Applicants in respect of the submission of the Eoi. This Eoi Document and information contained herein or any part of it does not constitute or purport to constitute investment advice in publicly accessible media and should not be printed, reproduced, transmitted, sold, distributed, or published by the recipient without the prior written approval from IGL.

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their affiliates, nor their directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of this Eoi document. Further, no representation or warranty, expressed or implied, is made or given by or on behalf of the Company or its affiliates, nor any person who controls it or any director, officer, employee, advisor or agent of it, or affiliate of any such person or such persons as to the accuracy, authenticity, completeness or fairness of the information contained in this Eoi document and IGL or their affiliates or such persons do not accept any responsibility or liability for any such information and therefore, any liability or responsibility is expressly disclaimed.

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NOTICE INVITING EXPRESSION OF INTEREST (IN Eoi)

1.0	Eoi document No.	EOI No: IGL/BD/CBG/2023-24/01
2.0	DESCRIPTION	Expression of Interest (Eoi) for empanelment of execution partner for setting up of tentatively 09 nos. CBG plants in various Geographical Areas of Operation of IGL.
3.0	EOI FEE	Nil
4.0	EMD AMOUNT	Nil
5.0	MODE OF SUBMISSION	Both Online and By Post
6.0	LANGUAGE OF SUBMISSION	English
7.0	<i>Starts on</i>	15/12/2023 (Friday) @ 18:00 hrs IST.
	<i>Ends on</i>	29/12/2023 (Friday) @ 18:00 hrs IST.
8.0	PRE-EOI MEETING SUBMISSION	<p>20/12/2023 @ 11:00 HRS at IGL Bhawan, New Delhi</p> <p>AND</p> <p>Details of virtual meeting platform link: Microsoft Teams meeting Join on your computer, mobile app or room device :</p> <p>Click here to join the meeting</p> <p>Meeting ID: 447 194 796 715 Passcode: f3S7YF</p>
9.0	Eoi VALIDITY	14 days from the date of hosting of Eoi. If Suitable Responses are not received, the EOI and its content may be re-floated or validity extended for wider participation.

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- 1) Interested Parties are requested to submit their EOI documents complete in all respect and must be submitted in the prescribed manner on email id iglbdcnp@igl.co.in; [and ashish.rajani@igl.co.in](mailto:ashish.rajani@igl.co.in). In case size of file is greater than 25 MB, a google link to be created for the entire file/document/folder and shared on the above-mentioned email id only (with complete access rights).
- 2) Interested Parties to please note that **Pre-EOI submission VC Meeting** shall be held as per the details given in the above table, wherein all the clarifications with regard to Technical/ Commercial conditions, etc. shall be given. Interested Parties are advised to ensure that the queries must reach IGL **latest by 24 hours in advance** from the scheduled pre-EOI meeting time for this purpose. The queries in editable form may be sent on **email-id** iglbdcnp@igl.co.in; [and ashish.rajani@igl.co.in](mailto:ashish.rajani@igl.co.in).
- 3) Interested Parties also may note that after the clarifications are given in Pre- EOI submission EOI meeting, no further clarifications/deviation shall be entertained in general. All decisions taken by EOI Inviting Authority in the pre- EOI submission conference/meeting & thereafter (on need basis) shall be binding on all Applicants. All interested parties are requested to attend the Pre- EOI submission VC meeting.

NOTE:


- a) *Applicants are advised to visit www.iglonline.net (**Expression of Interest section**) regularly for all updates w.r.t. this Eoi. In case of any corrigendum, addendum or validity extension, the same shall be issued on the www.iglonline.net website only. No separate publication shall be done in newspapers/print media.*
- b) *All parties are requested to start the submission process of EOI at least 4-6 hours prior to the due date & time of EOI submission to avoid last minute rush.*

DEFINITIONS

- 1) The term "INTERESTED PARTY(IES)/ PARTY(IES) / APPLICANTS / APPLICANT" means an entity which is a Public Limited or Private Limited or Limited Liability Company as per Companies Act, 2013 or a registered partnership firm under Indian Partnership Act, 1932, or a Limited Liability Partnership under Limited Liability Partnership Act, 2008 or proprietorship firm or a Joint Venture. Entities registered in a foreign jurisdiction (i.e., outside India) and have executed / constructed CBG projects in India shall also be allowed to submit teEOIs. EOI is allowed from/ by JV/Consortium.
- 2) "BOT" shall mean Build-Operate-Transfer.
- 3) "DBFOT" shall mean Design-Build-Finance-Operate-Transfer.
- 4) "CBG" means Compressed Bio Gas with composition as defined in Annexure AA.
- 5) "CBG PLANT" means the CBG production unit that interested party(ies) shall construct at the indicative locations proposed in this Eoi.
- 6) "CONTROL" means the right to exercise majority of the voting rights on any resolution for the appointment of Directors of the entity either directly or through a Holding Company aforesaid.
- 7) "DESIGNED CAPACITY": Designed capacity shall mean the maximum capacity of CBG that plant is designed to achieve.

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- 8) "DIGITAL OPERATIONAL / MONITORING MECHANISM" shall mean software / computer programme(s) that is/are used to monitor / control the operations of CBG plant.
- 9) "EOI: EXPRESSION OF INTEREST"- An Expression of Interest (Eoi) is one of the initial documents shared the interested party (ies) with IGL. The Eoi indicates interest from interested party(ies) for empanelment to execute future projects on setting up CBG plant under various modes of execution such as EPC/ LSTK contractors /EPCO (with operations)/DBOO/ DBFOOT operators along with SPV partner etc. through a formal offer, subject to necessary approvals. IGL reserves the right to adopt any mode of execution (EPC/LSTK/ DBOO/ DBFOOT/ Open Book/PPP (Public-Private Partnership/ etc. in isolation or in combination for the proposed CBG plants/project. The CBG projects may include setting up CBG plants through joint collaboration in the capacity of a SPV/consortium partner, for projects which will be co-owned by IGL and the empaneled party, basis various deciding factors. (Described in the EOI under "Process for Selection").
- 10) "EPC": means Engineering, Procurement & Construction on Turnkey basis.
- 11) "EPCO": means Engineering, Procurement & Construction on Turnkey basis followed by operations and maintenance of the plant for a specific duration.
- 12) "FEEDSTOCK" shall mean organic material or biomass that is used as the raw material that undergoes anaerobic digestion or fermentation to produce biogas.
- 13) "FEEDSTOCK AGGREGATOR" shall mean an entity or organization that collects, consolidates, and supplies various types of feedstock to a particular industry or facility.
- 14) "FOM" shall mean Fermented Organic Manure
- 15) "FUEL STATION" means facility where CBG shall be dispensed to vehicles, with option to co-mingle or sell CNG as well. The facility shall be setup as per provisions in Change of Land Use policy of concerned Development Authority for setting up a fuel station.
- 16) "LFOM" shall mean Liquid Fermented Organic Manure.
- 17) "LOCATION" refers to the specific physical site or area typically in the vicinity from the source of feedstock, where the project envisaged in this Eoi document is intended to be executed. Such location should be at the optimum distances from both the demand market and input feedstock sourcing.
- 18) "OWNERSHIP" means the legal and beneficial OWNERSHIP of more than 50% of the issued and subscribed equity shareholding of the entity directly by a Holding Company, which owns the majority of the issued and subscribed equity.
- 19) "PPP" means Public-Private-Partnership
- 20) "PLANT LOCATION" means the exact location and land parcel where the CBG plant shall be setup by IGL.
- 21) "SLIP FORM" shall mean a civil construction technique which is an alternative to conventional formwork system, which helps in continuous vertical and horizontal construction of civil structures, namely digesters.
- 22) "TPD" means Tones per day.
- 23) "TECHNICAL EXPERTS" shall mean individuals who possess specialized knowledge,skills, and experience in a particular technical field or domain.

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OVERALL SELECTION PROCESS

1.0 INTRODUCTION:

Indraprastha Gas Limited (“IGL” or “Company”), having market capitalization of Rs 32,081 Crore (as on 01-Oct-2023), incorporated in 1998, is promoted by GAIL (India) Limited and Bharat Petroleum Corporation Limited (BPCL), each holding 22.5% equity share in the Company. The Govt. of NCT of Delhi also holds 5% equity in the company. The company is engaged in the business of City Gas Distribution (CGD) supplying Natural Gas to transport, domestic, commercial and industrial customers and has operations in NCT of Delhi, Uttar Pradesh (Noida, Gr. Noida, Ghaziabad, Kanpur, Hamirpur, Fatehpur, Meerut, Muzaffarnagar, Shamli, Banda, Chitrakoot, Mahoba), Rajasthan (Ajmer, Pali, Rajsamand) and Haryana (Gurugram(part), Faridabad(part), Rewari, Dharuhera, Kaithal, Bawal, Karnal and Kaithal). IGL is operating over 790 CNG stations and catering to 24+ lakhs domestic customers, 9200+ commercial and industrial customers, as on 09th June 2023.

IGL's aims to expand its portfolio in the green energy sector, encompassing a diverse range of businesses such as setting up of Compressed Biogas (CBG) plants, among other ventures.

2.0 BRIEF ABOUT Eoi:


2.1 IGL is exploring opportunities in the CBG sector to setup CBG plants tentatively and preferably at various locations in City Gas Distribution Geographic Areas (CGD GAs) covered by IGL (tabulated below) spread across various states within India on various/multiple feedstock (Any-such as cowdung, MSW, pressmud, paddy straw, napier grass, etc.) of varied plant capacity, which is techno-commercially viable.

TABLE 1: LIST OF PREFERRED AREAS FOR SETTING UP CBG PLANTS BY IGL

S.No.	Location	State	Feedstock
1.	Meerut(rural), Muzaffarnagar and Shamli	Uttar Pradesh	Any
2.	Banda, Chitrakoot and Mahoba	Uttar Pradesh	Any
3.	Kanpur(part), Hamirpur & Fatehpur	Uttar Pradesh	Any
4.	Karnal, Kaithal, Rewari	Haryana	Any
5.	NCT of Delhi and NCR region	Delhi-NCR	MSW/Cowdung
6.	Ajmer, Pali and Rajsamand	Rajasthan	Any

MARKETING OF CBG: IGL shall prefer to setup an integrated CBG plant (fuel station model) and/or pipeline injection. **The preferred list may also include any other GA which is awarded or stakes are acquired by IGL in future course.**

Above locations are tentative, and subject to feasibility assessment, & IGL's acceptance & statutory approvals. In case of any requirement to consider locations beyond the above listed locations, IGL's

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decision shall be final on the matter and at its sole discretion.

2.2 SEQUENCE/STEPS OF SETTING UP CBG PLANTS THORUGH EMPANELMENT PROCESS:

2.2.1 SUBMISSION OF EOI: To be submitted before the expiry of EOI validity by post and email both:

- (i) Duly signed and verified EOI document with annexures and supporting documents for qualification under EQC (Stage 1 only) to be submitted by post and addressed to:

Sr. VP (BD and Gas Sourcing)

IGL Bhawan, Plot No.4,
Sector 9, R.K. Puram, New Delhi-110022

- (ii) Additionally, soft copy/google link (with access rights) of the EOI, supporting documents to be submitted on email:

iglbndncp@igl.co.in and ashish.rajani@igl.co.in

2.2.2 STAGE 1: EVALUATION OF EOI BASIS QUALIFICATION/EMPANELMENT CRITERIA & EMPANELMENT OF PARTY FOR A PERIOD OF 1 YEAR.

All parties which qualify as per the criteria under Empanelment Qualification Criteria (EQC) defined in this document, shall be entitled to take part in the subsequent stages, as described below:

2.2.3 STAGE 2: SELECTION OF PROJECTS FOR EXECUTION WHICH ARE SUBMITTED BY EMPANELED PARTIES THROUGH PP (PROJECT PROPOSAL) TO IGL.


Parties empaneled under STAGE 1 shall be entitled to collaborate with IGL for Setting up tentatively 9 nos. of CBG plants through the following options:

Empaneled parties are open to submit project proposal-PP (project and site specific) with IGL for joint partnership/execution/collaboration/consortium at SPV/JV level for setting up CBG projects with minimum CBG production of 2 TPD with assurance of feedstock and land.

Additionally, IGL is willing to be a member of consortium/SPV to participate in any such Request for Proposal (RfP) floated/requirement by Municipal Corporation/Govt. Body in areas enlisted under TABLE 1. If more than one proposal or request to participate under RfP/requirement is received for a common site and corporation, the proposal which ranks higher in the (Stage 1 and Stage 2) evaluation combined shall be selected/considered for collaboration. IGL shall access and decide at its sole discretion, the capabilities of empaneled entities interested to participate jointly with IGL.

The acceptance of the project proposal (PP) by IGL for collaboration/investment purpose will be *subject to various factors such as techno-commercial feasibility of the project, availability of adequate and suitable land parcel, feedstock guarantee/agreement, CBG marketing plan and compliances to statutory approvals, etc.*

Tentative Time Duration For this Exercise under STAGE 2: initially, PP (Project Proposals) shall be solicited within a period of **2 month post empanelment of a party**. All proposals received during this duration shall be evaluated and assessed for investment/collaboration by IGL.

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IMPORTANT NOTE FOR STAGE 2:

- (i) It is desired that the proposals submitted by Empaneled Parties within the period of 2 months' post empanelment should be for setting up CBG plants in IGL GA as defined in TABLE 1. In case no/insufficient proposals are received for preferred areas indicated in TABLE 1 during Stage 2 of EOI, IGL may/may also consider proposals to setup CBG plant outside its authorized GAs, opting for other feedstock to setup a CBG plant, and may include re-floating of Eol.
- (ii) Proposals shall be invited in the form of **PP(project proposals)** from empaneled parties only and decision to collaborate by IGL on a specific PP shall be based on evaluation done by Internal Committee at IGL on certain **project parameters (but not limited to)** as per TABLE 3 and subject to approval from stakeholders at both the organizations i.e. IGL and empaneled party.

3.0 BROAD SELECTION CRITERIA

3.1 FOR STAGE 1: EMPANELMENT OF PARTIES FOR EXECUTION OF CBG PROJECTS:

Interested party(ies) will be evaluated based on Empanelment Qualification Criteria(EQC) comprising of Technical and Financial Parameters, credentials of constructing and operating CBG plant(s), initial discussions, etc.


- 3.2 After the due date of this Eol, applications received within the time frame tabulated in NIEol, from interested party(ies) shall be evaluated in two stages deliberated below.

Stage 1 –For Empanelment Qualification Criteria (EQC):

STAGE 1: TABLE 2 SCORING MATRIX FOR EMPANELMENT OF PARTY

S.NO.	PARAMETER	DESCRIPTION	MARKS (OUT OF 100)
1	TECHNICAL EQC	10 Nos. marks will be awarded against each Commissioned Plant as per Criteria Defined (If Running On 100% Plant Feedstock Processing Capacity)*	Maximum 40 marks
2	FINANCIAL EQC	10 Nos. marks will be awarded for Turnover in multiple of INR 30 Crore	Maximum 40 marks
3	MSW HANDLING CAPABILITIES	Whether Party Has Capability to Setup and Run MSW based CBG Plant-Feedstock Processing Qty.	(i) Zero-No Capability (ii)5 Marks= Plant \geq 100TPD (iii)10 Marks= Plant \geq 150TPD (iv)15 Marks=Plant \geq 200 TPD (v)Maximum 20 Marks =Plant \geq 250 TPD

***Example: A plant running on 80% plant designed capacity will be given 8/10 score for that plant.**

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3.3.1 Technical EQC (Empanelment Qualification Criteria): The Applicant should have either:

(i) Constructed and commissioned as an EPCO, at least one CBG/electricity producing facility on any feedstock for minimum **4 (four) Tones per day (TPD) CBG** yield capacity or **installed/useful electricity (minimum 10 MW-hr/day of electricity)** plant in India in a single work order.

OR

(ii) Constructed and commissioned as an EPCO/Developer/Executioner, at least one MSW (as a primary feedstock) based CBG/electricity producing facility for minimum **100 Tonnes per day (TPD) feedstock processing capacity or 4 (TPD) CBG** yield or **installed/useful electricity (minimum 10 MW-hr/day of electricity)** plant in India in a single work order.

IMPORTANT NOTE FOR TECHNICAL EQC:

- EOI from JV/consortium are acceptable.
- Only those parties which have prior technical experience for setting up MSW based plant as per point no. (ii) of 3.3.1, shall be considered for empanelment towards executing MSW as well as for alternate feedstock based projects. However, parties which don't have such prior experience for setting up MSW based plant, shall be considered for empanelment with IGL for setting up CBG plant on alternate feedstock, i.e. other than MSW only.
- **Definition of CBG Facility:** Facility converting Organic waste to Biogas/CBG producing plant.
- For point no. (i) and (ii) of 3.3.1, plant of minimum mentioned capacity commissioned by the applicant should be **operational** at the time of EOI submission due date.
- Applicant to submit work order/concession agreement and work completion certificate/commissioning certificate / PGTR/gas sale invoice/agreement etc. in support of its qualification for **Technical EQC** for EPC as a developer/executioner and operations maintenance activities, clearly depicting the scope of work, delivery timelines and work order value.
- All the activities related to EPC work executed for Subsidiary/Fellow subsidiary/Holding company/JV/consortium or under PPP (Public private Partnership Model) will be considered as experience for the purpose of meeting the Technical Evaluation Criteria only.

3.3.2 Financial EQC (Empanelment Qualification Criteria):

(i) Annual Turnover Criteria


The minimum annual turnover of the Applicant as per their audited financial statement in any one of the three immediate preceding financial years should be **INR 30 Crores**

(ii) Net Worth Criteria

Net worth of the Applicant in any one of the three immediate preceding financial years **should be positive**.

(iii) Working Capital Criteria

The minimum working capital of the Applicant as per the audited balance sheets in any one of the three immediate preceding financial years should be **INR 3 Crores**.

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IMPORTANT NOTE FOR FINANCIAL EQC:

- a. The Financial EQC of EOI is to be met by Applicant on their own.
- b. **If the applicant's working capital is inadequate**, the Applicant should supplement this with a letter from the applicant's Bank, having net worth not less than **Rs.30 Crores**, confirming the availability of line of credit to cover the inadequacy of working capital required as above.
- c. Since the closing date of the EOI is after 09th September of the relevant financial year, Applicant has to compulsorily submit the summary of audited financial results for the immediate 3 preceding financial years.
- d. Details of financial capability in prescribed form should be submitted by applicant duly signed and stamped by Statutory Auditor/Chartered Accountant with UDIN only.


PARTICIPATION UNDER JV (JOINT VENTURE)/CONSORTIUM:

- **Technical requirement: The lead partner must have minimum 51% stake in the participating Consortium / Joint Venture (JV), whereas other partner(s) shall have minimum 10% stake.** The number of partners in case of Consortium / Joint Venture (JV) including lead partner shall not be more than Three (3). With regard to the Technical EQC, the lead partner should compulsorily meet the technical requirement of core job covered under the EOI.
- **Financial Requirement: All members of Consortium / Joint Venture (JV) to jointly achieve 100% of Financial EQC requirement.**
- All the members of Consortium / Joint Venture (JV) shall be jointly and severally responsible for execution and performance of Project.
- **Change in the constitution of Consortium / Joint Venture (JV) after the submission of EOI until the empanelment of party is not allowed. Beyond that period, IGL to decide upon receipt of such a request, on case-to-case basis.**
- In the event of empanelment of JV/consortium, a power of attorney to the above effect, in the favor of authorized representative of lead partner, signed by legally authorized signatories of all the Consortium / Joint Venture (JV) partners in this regard shall be furnished.

3.3 STAGE 2 – SELECTION OF PROJECT PROPOSAL FOR EXECUTION OF INDIVIDUAL PROJECT BY IGL:

3.3.1 In case an Interested Party is empaneled through the Eoi as per Stage 1 process, the empaneled party shall be:

- (i) Entitled to submit individual MSW based **CBG plant** project proposals (PP) with IGL within a period of **2 months' post empanelment** (initial window for soliciting PP) with requisite documents to assess project feasibility, viability and financials under PP (Project Proposal) process STAGE 2 of the Eoi process. PP along with all the supporting documents shall be considered as part of the Definitive Agreements/ Contract documents that may be executed between IGL & such parties at a later stage. IGL shall evaluate these individual proposals submitted as defined in Brief about EOI, may decide to invest/collaborate or not to invest/collaborate with Empaneled party at SPV level for individual PPs.
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(ii) Once the project proposal is submitted with IGL, the empaneled party shall not be allowed to discuss the project proposal with any other investor/partner for collaboration for an initial period of 2 months from the date of submission of PP, which may be extended further by IGL upon providing intimation to the empaneled party in writing.

3.3.2 In relation to this, the following possible execution modes may be considered viz DBOT/Open Book/LSTK or EPC/EPCO through Conventional Contracts or holding equity stakes/formation of SPV(Special Purpose Vehicle) entity for execution of individual projects. The CBG plants are initially proposed to be based on MSW as the primary feedstock along with cattle dung, any other organic waste, etc. that is available in the vicinity of 25 kms preferably from the proposed CBG plant locations (as per TABLE 1).


Also, the CBG plants are contemplated in the vicinity of 5-10 kms(existing/planned) from the injection point in the nearest gas grid/ CGD network of IGL or located at site which qualifies norms for setting up a fuel station(such as Right of Way, etc.).

3.3.3 IGL shall be considering setting up tentatively 09 nos of CBG plants along with Selected party(ies) (could be different for all 9 projects), out of the empaneled parties. Empaneled parties shall be given a time period of 2 months post empanelment to submit proposals for evaluation and selection for investment, discussions and negotiations. Evaluation of Project Proposals to be done on below mentioned parameters (but not limited to) by an Internal Committee, (subject to approval by competent authority) at IGL.

3.3.4 Applicant to ensure that these projects should not be enlisted under SATAT, Gobar-Dhan, CBG-CGD synchronization scheme on the date of submission of proposal to IGL. Equity and Capital Structure in such proposals to be decided mutually in compliance to requirements laid out (if any) by Govt. Body/Municipal Corporation which has awarded/will be awarded the project to the empaneled party. Mutually Decided company structure to be regularized and approved accordingly in the new SPV, as and when applicable.

TABLE 3: EVALUATION PARAMETERS FOR PROJECT PROPOSAL

S.NO.	PARAMETER	REMARKS
A	Plant Capacity	Minimum CBG production of 2 TPD upto 20 TPD.
B	Project financials	NPV and IRR, payback period, etc.
C	Availability of Land Parcel	(Ownership or Lease). Government awarded Land is preferred the most. For land on lease, minimum lease period to be preferably >= 10 years. For purchase of Private land, it shall be provided to the SPV by Project Developer as per defined Circle Rate.
D	Long term agreement and procurement price for feedstock.	(Agreement period preferably >= 02 years) with no royalty for MSW as a feedstock.
E	Stakes/Holding offered by empaneled party in the proposed	Minimum 26% and responsibilities/scope of 3rd party and partner.

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	SPV	
F	Permissions/NOC/sanctions	Issued or pending for the PP
G	Suitability of plant site/land offered under PP	For setting up CBG plant and fuel station(CBG/CNG dispensing) both
H	Distance of Plant site from IGL Pipeline	(ideally less than 5 to 10 kms)
I	Distance from feedstock source	(ideally less than 25 kms)
J	Use of Proven Technology for Purification and Digestion	like Water Scrubbing, vPSA, etc. and CSTR respectively
K	Use of slip-form technology	for Digester construction.
L	Guarantees/Indemnity offered by empaneled party	on CBG yield.
M	Location of plant wrt Market Potential of CBG	PP being setup in GA with higher potential/market for CBG sale.
N	Marketing plan and agreement for FOM/LFOM	Should have concrete plan and tie-up with Fertilizer Marketing companies/Potential Buyers for the entire quantity.

3.3.5 PREFERENCE 1/OPTION 1 FOR EXECUTION OF PROJECT WITH EMPANELED PARTY:


IGL may participate as a SPV/Consortium member for a MSW(primary) based CBG plant project proposal(PP) with minimum CBG production of 2 TPD where Empaneled Party has been awarded the project for setting up CBG plant through a LOA (letter of Award), by a PSU/State or Central Govt., or Municipal Corporation of any city in India on either of BOO (Build own Operate)/EPCO(Engineering, Procurement, Commissioning and Operations)/BOT (Build operate transfer)/ DBFOT (Design, Build, Finance, Operate, Transfer)/ PPP (public-private partnership) etc. to generate useful CBG.

Additionally, IGL is willing to be a member of consortium/SPV to participate in any such Request for Proposal (RfP) floated/requirement by Municipal Corporation/Govt. Body in areas enlisted under TABLE 1. If more than one proposal or request to participate under RfP/requirement is received for a common site and corporation, the proposal which ranks higher in the (Stage 1 and Stage 2) evaluation combined shall be selected/considered for collaboration. IGL shall access and decide at its sole discretion, the capabilities of empaneled entities interested to participate jointly with IGL.

The acceptance of the project proposal (PP) by IGL for collaboration/investment purpose will be *subject to various factors such as techno-commercial feasibility of the project, availability of adequate and suitable land parcel, feedstock guarantee/agreement, CBG marketing plan and compliances to statutory approvals, etc.*

NOTE: It is mandatory that such proposed project/proposal should not be registered already under SATAT or GOBAR-Dhan or CBG-CGD synchronization scheme previously.

LAND: Adequate Land parcel (of adequate size) for setting up the CBG plant and storage of raw material (if required) should be given by the concerned Authority/Corporation/Nagar Nigam/renewable energy deptt/State or Central Govt. awarding the work for long-term lease

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(preferably at least 10 years). It is desired to get the land on nominal lease-rent amount.

ASSURED FEEDSTOCK should be in place for the proposed project/plant arranged through long term contracts. No royalty for supply of feedstock shall be offered by IGL for executing MSW based projects. **(Agreement period preferably >= 02 years)**

Preference shall be given by IGL to setup an integrated CBG plant having fuel station or pipeline injection model.

PLANT CAPACITY: Minimum 2 TPD of CBG production/yield

MARKETING OF CBG: Preference shall be given by IGL to setup an integrated CBG plant having fuel station or pipeline injection model.

Project IRR should be greater than IGL's cost of capital

3.3.5 PREFERENCE 2/OPTION 2 FOR EXECUTION OF PROJECT WITH EMPANELED PARTY:

Option 2 may be exercised in case 09 nos. proposals are not selected/finalized for execution under Preference 1/Option 1 mentioned above.

Empaneled parties to bring proposals of setting up CBG plant on feedstock (other than MSW), jointly under SPV/consortium mode (as per IGL's decision) offering equity stakes to IGL and remaining stakes with empaneled party for setting up CBG plant with minimum CBG production of 2 TPD upto 20 TPD in Preferred Area List mentioned in Table 1.

NOTE: It is mandatory that such proposed project/proposal should not be registered already under SATAT or GOBAR-Dhan or CBG-CGD synchronization scheme previously.

PLANT CAPACITY: Minimum 2 TPD of CBG production/yield

LAND: required land parcel (for storage of raw material and setting up the plant) for implementing such a project should be available with the empaneled party/JV/consortium. Ownership or Long Term Lease **(Lease Period preferably for >=10 years) is required.** For valuation purpose, cost of land shall be considered as per Circle Rate.


FEEDSTOCK: Empaneled party should have long term contract/arrangement/capability to source and aggregate feedstock other than MSW, required to run the CBG plant **(preferably greater>=2 years).**

MARKETING OF CBG: Preference shall be given by IGL to setup an integrated CBG plant having fuel station or pipeline injection model.

Project IRR should be greater than IGL's cost of capital

3.3.6 ABOUT PROPOSED JV/CONSORTIUM/SPV TO BE FORMED POST SELECTION OF PROJECT PROPOSAL:

- (i) It is mandatory for the empaneled party to hold minimum 26% equity stake in the newly formed overall SPV structure, whereas IGL may hold equity stakes of minimum 26%. IGL shall be free to decide the capital structure of the SPV, subject to compliance of regulations, etc. IGL shall decide

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the maximum extend of its equity holding on case to case basis.

- (iii) IGL prefers that equity structure in such proposals be limited to stakes being owned by empaneled party and IGL for the overall SPV holding structure (i.e. limited to 2 parties-IGL and empaneled party).
- (iv) However, IGL may also consider project proposals where stakes are distributed among IGL, empaneled party and another partner (i.e. IGL, Empaneled party and a 3rd Party- Entrepreneur/Company/consortium member) with proposed SPV level structure as per point 3.3.6 (i) defined above.
- (v) Selection of Technology, MOC and Plant Specification for all these CBG projects shall be decided and selected by IGL.


3.4 SCOPE OF WORK FOR EXECUTION PARTNER (AFTER SELECTION OF PROJECT PROPOSAL UNDER STAGE 2):

The Interested Parties once empaneled and selected for setting up a CBG plant with IGL, would be expected to carry out the following broad activities: conduct Detailed Feasibility Reports, **Incorporation/Registration of SPV/JV as per mutually decided structure, vetting and execution of key term sheet, JV agreement, Technology/License Agreement(whichever is applicable)**, securing possession of land (lease or outright purchase) for the indicated LIST OF AREAS AS PER TABLE 1 , liaison with authorities, arrange/ establish long-term binding agreement for feedstock including the supply chain/logistics associated with it, front end engineering design (FEED), sanctions for CFA and release of other Government incentives and enablers, arrange NOC/sanction/permissions such as PESO, Pollution Control Board, etc. for setting up and operating the plant, obtain necessary licenses for marketing of product/by-product, deploy technology(ies) (related to process, construction, etc.), development and construction of the CBG plants, followed by Operation & Maintenance (for a specified period, if any) of the CBG plants. The detailed roles and responsibilities, obligations etc. for a particular PP may vary as per the need of the project being executed under various OPTIONS listed under **“Brief about EOI”**.

3.5 Information relating to the examination, clarification, evaluation, and recommendation for the empanelment and selection of Interested Party(ies) shall not be disclosed by IGL to any person who is not officially concerned with the process or is not a professional advisor to IGL. In relation to matters arising out of or Concerning the Eoi document, IGL shall treat all information submitted as part of the Proposal, in confidence. IGL shall not divulge any Confidential Information unless it is directed to do so by any statutory entity or MoP&NG (Ministry of Petroleum & Natural Gas), that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity or as may be required by law or in connection with any legal process.

3.6 Similarly, the Empaneled Party (ies) would be required to sign/execute a Non-Disclosure Undertaking (NDU)/Agreement (NDA) as part of this Eoi (which shall be shared at the time of empanelment).

3.7 Activities which are not intrinsically defined here are also expected to be covered under the scope of work, which may be required for successful delivery of the project.

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4.0 SUBMISSION OF DOCUMENTS

4.1 The Party(ies) shall undertake to submit following document(s) in support of empanelment criteria in the Eoi (as applicable):

3.3.3 SUPPORTING DOCUMENTS REQUIRED

(i) List of documents to be submitted for compliance to Technical EQC

All documents (as applicable) in support of Technical criteria (as applicable) of EQC to be furnished by the applicant shall necessarily be duly certified / attested and details be provided on the letterhead of statutory auditor or independent chartered accountant through a UDIN-unique document identification number).


- Duly certified and attested copy of **Detailed Work order/Letter of award** issued by the client/Govt. body/PSU/Municipal Corporation or Project Developer along with a certificate from independent and practicing Chartered Accountant / Statutory Auditor shall suffice.
- Duly certified and attested copy of **Work Completion certificate**/PGTR/Invoice/Commissioning Certificate issued by end user / owner/corporation (or their consultant who has been duly authorized by owner to issue such certificates).
- Commercial or Concession **Agreement** executed with Govt. Body/PSU/Corporation/Nagar Nigam (wherever applicable).
- The experience of the EOI Applicant entity or their Holding Company or their Parent / affiliate entities/JV/Consortium (as applicable) shall also be considered to meet the Technical Criteria.

(ii) List of documents to be submitted for compliance to Financial EQC :

- Turnover, Net worth and Working Capital of the firm for last 3 financial years duly signed & stamped by a chartered accountant with a valid UDIN.
- Applicant to submit documentary evidence such as audited balance sheet, Profit & Loss A/c Statement for last three financial years in support of the above.
- Applicant is required to submit their Certificate of incorporation, Certificate of Good & Services Tax (GST) and Certificate of Permanent Account Number (PAN).

EOI Note:

- (i) *Submission of amply clear, unambiguous, legible scan copies, authentic documents as per various requirements and formats mentioned in the Eoi is the prime responsibility of the interested party.*
- (ii) *IGL requires that Interested Party observe the highest standard of ethics during the course of participating in the Eoi and not to indulge in any fraudulent practices in its dealings with IGL.*
- (iii) *By participating in the Eoi, Interested Party expressly confirm and stand guarantee that none of the documents are false/forged or fabricated. All the documents submitted has been made*

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having full knowledge of (i) the provisions of the Indian laws in respect of offences including, but not limited to those pertaining to criminal breach of trust, cheating and fraud and (ii) provisions of EOI conditions which entitle IGL to initiate action in the event of such declaration turning out to be a misrepresentation or false representation.


- (iv) *In the event of any such fraudulent practices brought to the notice of IGL, upon reviewing such matters, IGL may in its carry out rejection of offer or termination of shortlisting Holiday, black listing etc. (as applicable) during the process of this Eoi or the PP to be invited or Work orders to be placed in due course of time. The Interested Party(ies) expressly confirm and agree that decision of IGL on any matter relating to the Eoi/ PP etc. shall be final.*
- (v) *IGL reserves the right to complete the evaluation based on the details furnished by the Applicants, with or without seeking any additional supporting documents/ clarifications.*
 - a) Additional documentary evidence like Tie-up agreements, Invoices of relevant works, (wherever applicable- CBG sale to OGC, electricity sale to Discom, etc. for the CBG plants mentioned may also be shared.
 - b) Other annexures like:**
 - Format for submission of Eoi
 - Profile of the applicant
 - Proforma of declaration of blacklisting/ holiday listing
 - Authorization/Power of attorney for submission of EOI.
 - c) IGL decision shall be final with respect to Applicant’s qualification based on EQC
 - d) It shall be noted that in case Applicant fails to submit requisite details/ documents, the EOI submitted by them is liable to be rejected

4.2 If a registered JV is applying, such company shall provide undertaking that they shall not dilute their equity holding in JV till empanelment period.

5.0 AMENDMENT TO Eoi:

5.1 At any time prior to the last date for receipt of proposals, IGL, may for any reason, whether at its own initiative or in response to a clarification requested by a prospective applicant, modify the Eoi document by an amendment.

5.2 In order to provide prospective applicants reasonable time on account of preparing their proposals, IGL may, at its discretion, extend the last date for the receipt of proposals and/or make other changes to the requirements set out in the Eoi.

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ANNEXURES – FORMATS OF SUBMISSION DOCUMENTS:

ANNEXURE 1 - FORMAT FOR SUBMISSION OF EOI (to be printed on the letterhead of the APPLICANT)

To,

Sr. V.P. (BD and Gas Sourcing)
 IGL Bhawan, Plot No.4,
 R.K. Puram Sector 9, New Delhi-110022

Subject: Submission of Expression of Interest for “for Empanelment of execution partners for setting up CBG plants in various Geographical Areas of Operation of IGL”

Dear Sir,

With reference to your EOI inviting notice Ref. No: _____ (mention EOI number) dated _____ (mention EOI date) and after examining the detailed document, empanelment criteria and other details mentioned in the EOI document for **“Empanelment of execution partner for setting up CBG plants in various Geographical Areas of Operation of IGL”**, I/We hereby offer to submit my / our Expression of Interest for the further engagement with IGL in the titled project(s).

We are submitting this EOI as sole Applicant OR on behalf of Joint Venture (JV) having details of members as follows: [Name of the applicant(s)]


Details of the authorized representative(s) who will serve as the point of contact/ for communications on behalf of the Applicant:

Name:	
Designation:	
Phone No.:	
E-mail:	

- 1) We confirm that we fulfil each of the Technical and Financial ‘Empanelment Qualification Criteria’ mentioned in the invitation to EOI in Section 3.3 (Empanelment Qualification Criteria). Please find attached annexures with relevant information along with the documentary evidence, as required under the EOI, in support of our submission.

We agree, acknowledge and declare that:

- a) All the documents/ photocopies of the documents have been self-attested by an authorized signatory, which is supported by necessary board resolutions / power of attorney of the Applicant (as enclosed) and IGL is free to reject our candidature if any of the documents/photocopies of the documents is/are found to be false or forged.
- b) I/we, hereby also declare(s) that my/our organization/firm is not debarred/ blacklisted by any Central/State Govt. department, agency, PSUs/ Institution/ Agencies/ Autonomous organization.

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- c) We confirm “NIL” deviations/ “NIL” conditions/ “NIL” counter-conditions to the subject Eoi.
- d) Neither We, nor our affiliates / Associates / Partners located in India have any conflict of interest with respect to the subject assignment.
- e) I/We have not tampered or modified the subject EOI document in any manner and before uploading, same has been cross-checked with documents hosted on www.iglonline.net
- f) In case, if same is found to be tampered/modified, I/We understand that my/our offer will be summarily rejected and I am/We are liable to be banned from doing business with IGL and/or prosecuted.
- g) I/We hereby confirm that if any discrepancy observed in the submitted EOI even at a future date, I/We will abide by all the terms and conditions as per all the documents hosted including Addendums/Changes/Corrigendum, on your e-portal related with subject Eoi. I/We further assure that we agree to all the decisions confirmed in Pre-EOI meeting of the subject Eoi.
- h) I / we further undertake and confirm that all the documents submitted by us along with the EOI are true and genuine to the best of our knowledge and belief. In case at any time, any document / information furnished by us are found to be forged / false / fabricated / misleading, we shall be solely liable for any legal consequences, penal actions including holiday listing.

Yours Faithfully,


Place:

For and on behalf of _____ (name of Applicant)

Date:

(Signature & Stamp of Authorized Signatory)

Designation:

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ANNEXURE 1A – CERTIFICATE FROM INDEPENDENT CHARTERED ACCOUNTANT/ STATUTORY AUDITOR IN RESPECT OF PROOF OF EXPERIENCE, REQUIRED AS PER TECHNICAL EMPANELMENT QUALIFICATION CRITERIA OF EOI DOCUMENT

(To be provided on the letterhead of statutory auditor or independent chartered accountant)

On examination and verification of relevant documents and records provided by _____ (name of the Applicant), party has constructed/ executed/ implemented the following list of CBG plant as on last date of publishing this Eoi as a Developer/Execution Partner/EPCO or LSTK contractor or BOO or BOOT operator as per Criteria No. _____.

<LIST OF CBG PLANTS WITH DETAILS :

S.no	Feedstock Processing Capacity	Name Of Project	Location	Output Of Cbg/Biogas/Electricity Units	Offtake Of Cbg/Biogas/Electricity By:

For and on behalf of _____ (Name of the independent chartered accountant / statutory auditor)

(Signature of Authorized Signatory of Independent chartered accountant / Statutory auditor)

Name of the person:

Designation:

Membership Number:


Place:

Place: _____

(Affix Rubber Stamp)

Date: _____

Unique Document Identification Number (UDIN): _____

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ANNEXURE 1B – CERTIFICATE FROM INDEPENDENT CHARTERED ACCOUNTANT/ STATUTORY AUDITOR IN RESPECT OF TURNOVER, NET WORTH AND WORKING CAPITAL AS PER TECHNICAL QUALIFICATION CRITERIA OF EOI DOCUMENT

(To be provided on the letterhead of statutory auditor or independent chartered accountant)

This is to certify that Turnover, Net Worth and Working Capital of _____ (Applicant's Name), having its registered office address at _____ is as ~~under~~

Financial Year	Turnover	Working Capital (Current Assets-Current Liabilities)	Total Net Worth
FY2020-21			
FY2021-22			
FY2022-23			

This is to certify that the above-mentioned information is true to the best of my knowledge and belief, according to the books and documents produced before me for verification.

(Signature of Authorized Signatory of Independent chartered accountant /statutory auditor)

Name of the person:

Designation:

Membership Number:


Place:

(Affix Rubber Stamp)

Place: _____

Date: _____

Unique Document Identification Number (UDIN): _____

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ANNEXURE 2 - FORMAT OF PROFILE OF THE APPLICANT

(to be printed on the official stationery / letterhead of the APPLICANT)

S. No.	Particular	Details
1.	Name of the applicant submitting EOI	
2.	Structure of the applicant	<i>Entrepreneurs / Sole Proprietorships / Partnerships / Limited Liability Partnerships / Companies/ Cooperative Societies / Trust</i>
3.	Registered Office address	
4.	PAN No. (copy to be attached)	
5.	Corporate Identification Number (if any) / company Registration details (copy to be attached)	
6.	GST Number (copy to be attached)	



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Expression of Interest (Eoi) for empanelment of execution partners for setting up CBG plants in various Geographical Areas of Operation of IGL

ANNEXURE A : DESIRED CBG SPECIFICATION/COMPOSITION FOR PROPOSED PLANTS/PROJECTS TO BE SETUP IN COLLABORATION

CBG		
COMPONENTS	IS 16087	IGL REQUIREMENT
CH4	MIN 90%	MIN 96%
O2	MAX 0.5%	MAX 0.2%
CO2	MAX 4%	MAX 2%
CO2+N2+O2	MAX 10%	MAX 4%
MOISTURE	MAX 5 MG/M3	MAX 5 MG/M3
TOTAL SULPHUR (including H2S)	MAX 20 MG/M3	MAX 20 MG/M3