



Vadodara Gas Limited
Replies to Applicant's Queries

SUBJECT: Replies to Applicant's Queries for Setting up of LNG/L-CNG Station on Full Dealer Owned - Dealer Operated (F-DODO) Model within VGL Authorized Geographical Area

Sl. No.	Page No.	Clause No.	Tender Requirement	Bidder's Query	VGL's Reply
1.	3 of 20	SCOPE OF ACTIVITIES: 1	LNG molecule loading Coordination at terminal & Transportation of LNG from PLL Dahej or any other existing and future terminal on Western Coast of India to the designated location by semi-trailers of requisite capacity.	As per the clause Owner has considered DAHEJ LNG terminal as primary, however owner has also opt for the flexibility for selection of LNG terminal as per convenience. Price considered for transporting LNG from terminal to future LNG/LCNG Station is considered fixed, As the Distance from the different western region LNG terminals is different, Bidder request owner to clarify the price consideration in case the different LNG terminals are selected.	Provision for another LNG Terminal is only applicable in case of any exigency and not under normal circumstances. However, if VGL designates an LNG terminal other than PLL Dahej, VGL will reimburse the additional fuel cost arising from the difference in the tanker's running distance. The reimbursement will be calculated based on the differential kilometers and an average tanker fuel efficiency of 3.33 km/l.
2.	4 of 20	SCOPE OF ACTIVITIES: 5	Providing LNG storage Tanks and Regasification services of requisite capacity at offered land parcel.	Bidder request owner to share the minimum LNG Storage Required	LNG storage tanks should be of 2 Nos. of minimum 56 KL capacity each.
3.	4 of 20	SCOPE OF ACTIVITIES: 11	250 bar line for CAR / BUS/TRUCK Dispensers & LCV/HCV filling for Daughter Booster stations.	Bidder request Owner to share the Required flow rate for HP stream	Minimum 2000 SCM/H flow rate is required for HP Stream. For LP Stream, minimum 1000 SCM/H flow rate will be required.
4.	4 of 20	SCOPE OF ACTIVITIES: 10	Proposed setup should have minimum 2 nos. LNG unloading terminal, minimum 2 nos. LCV/HCV filling terminal, minimum 4 nos. CNG Dispensers, minimum 2 nos. 4500 WL stationary cascades & 1 no. LNG dispenser along with all associated equipments.	Bidder request owner to specify the preferred make/ OEM list for the Major equipments like, LNG Storage Tank, Cryogenic Pumps (Unloading Pump, HP pumps, MP Pumps), LNG Dispenser, CNG Dispenser, Stationary Cascade, and other critical items etc.	VGL has not specified any preferred make or OEM list. The bidder shall provide equipment with the EOI requirements and all applicable statutory standards and approvals, including PESO & SMPV approval, wherever applicable.
5.	4 of 20	SCOPE OF ACTIVITIES: 11	PNG at 4 bar pressure for MDPE to connect domestic, commercial & Industrial customers. VGL will lay MDPE to connect nearby customers in the vicinity.	Bidder request Owner to share the Required flow rate.	For LP Stream, minimum 1000 SCM/H flow rate will be required.
6	5 of 20	SCOPE OF ACTIVITIES: 14	Applicant to specify/give conversion factor considered for all calculations.	Please elaborate the requirement	LNG Quality and composition as received on tanker basis will be shared during execution and operations. The same to be used for all calculation purpose.
7	6 of 20	Minimum	For LNG/LCNG Station, a minimum payment of	Bidder has noted the requirement, However bidder request	The demand for CNG/PNG will vary depending on



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		Guarantee	10,000 MMBTU/Month shall be assured to the Agency, if the monthly average sales is lesser than 10,000 MMBTU/Month. The quantity not drawn in a month can be carried forward for drawl in subsequent months. The reconciliation for minimum offtake shall be reconciled on Quarterly basis.	owner to confirm the maximum anticipated monthly LNG requirement. Details are important for design consideration.	market response and actual consumption. The bidder shall design the facility in accordance with the EOI requirements, with suitable provision for future capacity enhancement, if required. For the purpose of estimation, maximum of 50,000 MMBTU/month volume may be considered.
8	6 of 20	OTHER TERMS & CONDITIONS: 4	Security Deposit of Rs. 10 Lakhs for respective LNG/LCNG Station shall be deposited to VGL before commencement of construction works against default with respect to agreed Terms & Conditions. Security Deposit submitted is liable to be forfeited in case of any violation of the stipulated Terms & Conditions at the discretion of VGL. Further, Payment Security Deposit of Rs. 50 Lakh is to be deposited by successful applicant prior to the commercial operation.	Bidder understands that total 2 Nos of SD is to be submitted, i.e., ₹10 Lakh + ₹50 Lakh = ₹60 Lakh, Please confirm bidder's understanding. Additionally please share mode of submission of SD.	Bidder may requested to submit the Security deposit in the form of Electronic Transfer/DD from Nationalized Bank or Bank Guarantee initial valid for 3 years.
9	General	Payment Terms	-	Please clarify the payment cycle and Payment terms.	Dealer shall submit invoices to VGL on a fortnightly basis for dealership service charges. VGL will release the applicable dealership service charges within four (4) days from the date of receipt of a complete invoice, along with all required supporting documents. However, daily sales proceeds is required to be submitted by Dealer in VGL's bank account on T+1 basis.
10	General	Invoice processing	-	Please share details to be submitted for invoice processing and specify the process.	The bidder shall submit invoices to VGL on a fortnightly basis. VGL will release the applicable dealership service charges within four (4) days from the date of receipt of a complete invoice, along with all required supporting documents.
11	General	Termination clause	-	Please share termination clause	The tenure of dealership will be for an initial period of 10 years and renewable for every 5 years thereafter,



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					subject to the examination of the performance of the dealership by VGL and on the terms and conditions mutually agreed upon. Termination of dealership can be done by either Company or Dealer after serving notice of three months.
12	General	Limitation of liability	-	Please share defined limitation of liabilities	VGL will get the LNG commodity insured at all point. Dealer will be responsible and liable for all activities starting from LNG Terminal, transportation, till proposed LNG/LCNG station till dispnesation/custody transfer to MDPE lines for distribution. Dealer's liability will be limited for services as mentioned in the scope of work including 3rd party damage but excluding LNG commodity.
13	General	Cancellation clause	-	Please share cancellation clause	Termination/ cancellation of dealership can be done by either Company or Dealer after serving notice of three months.
14	11 of 20	DEALERSHIP SERVICE CHARGES	-	With reference to Sr no 9 of dealership service charges, we request you to consider minimum 5% yearly escalation of charges mentioned. Every year, the cost of manpower, maintenance and raw material is getting increased, and we request you to please consider our request genuinely	EOI Conditions shall prevail. Dealership Service Charges will be fixed by VGL for 2-years period starting with FY 26-27. Any increment in Dealership Service Charges will be considered by VGL during the revision only.
15	11 of 20	SELECTION PROCESS: C	In case, two or more applicants secure equal marks on site evaluation parameters on a particular stretch/location, the priority in selection of Dealership shall be accorded as following: i) Higher Net worth	Net worth, we request you to consider minimum net worth of 1CR for participation in the EOI, bidder is currently executing the similar contract from the organisation which is having net worth of 1.2 CR. However, we are effectively managing the business smoothly and efficiently.	EOI Conditions shall prevail.
16	General	Payment Terms	-	Payment Terms : We understand that monthly invoicing to be done by bidder and payable in 4 days after receipt of invoice. Pls confirm	Dealer shall submit invoices to VGL on a fortnightly basis. VGL will release the applicable dealership service charges within four (4) days from the date of receipt of a complete invoice, along with all required supporting documents.
17	4 of 20	SCOPE OF ACTIVITIES: 4	Providing transportation services for transportation of LNG through roads (LNG	Reference to serial number A4 regarding the deployment of LNG semi-trailer for transportation of LNG. We request	EOI Conditions shall prevail.



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			cryogenic tankers, Capacity – Minimum 17 - Ton) from designated LNG terminal (s) at PLL, Dahej (or any other existing and future terminal on Western Coast of India) to the proposed LNG/LCNG station. The agency shall be required to provide & operate LNG tankers (be it Prime movers and tank trailers or LNG tanks mounted on rigid truck chassis) for supply of LNG. The offered vehicle (prime mover) shall be of 2025 manufactured year or later. The vehicle running shall not exceed 25,000 Kms at the time of deployment. Further it should be in perfect running condition. The Cryogenic tank on the vehicles must be manufactured within previous 2 years from the date of LOI. The number of the tankers is not fixed and may vary as per the demand pattern. The Agency to make tankers available as per requirement at the quoted rates. Transport services shall be provided round the clock on designated routes and as per the schedule given by VGL on all days.	you to consider our existing fleet of LNG tankers for supply of LNG for Dabhoi LNG station. In this way, it is beneficial for both the entity to manage the LNG tankers as well as the storage tank stocks. Bidder shall provide required fitness certificate from RTO.		
18	11 of 20	SELECTION PROCESS	Selection of applicant(s) shall be based on the EOI proposal submitted by the applicant and shall be evaluated on Eligibility Criteria and Marking System for Offered Site i.e. Applicant(s) meeting the eligibility criteria and scoring the highest mark for the offered Site shall be declared successful. Marking Scheme for the Site is enclosed for reference purpose. (Annexure-II)	With reference to the EOI allotment scoring, we have observed that scores are currently being allotted primarily on the basis of land area/land portion. We request VGL to also consider the quantity of natural gas handled by each bidder over period of time — i.e., the total volume handled across transportation, storage, and dispensing — as an additional scoring parameter. This would ensure that scores are distributed not only based on land area, but also reflect the bidder's demonstrated technical capability to handle natural gas.	EOI Conditions shall prevail.	
19	4 of 20	SCOPE OF ACTIVITIES: 4	Providing transportation services for transportation of LNG through roads (LNG cryogenic tankers, Capacity – Minimum 17 -	We request VGL to consider LNG fuel based prime mover for transportation of LNG and provide the diesel escalation as per diesel escalation clause only. This will enable the	Dealer may deploy an LNG- or HSD-fuelled prime mover for the transportation of LNG. However, fuel price escalation or de-escalation shall be calculated and	



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			Ton) from designated LNG terminal (s) at PLL, Dahej (or any other existing and future terminal on Western Coast of India) to the proposed LNG/LCNG station. The agency shall be required to provide & operate LNG tankers (be it Prime movers and tank trailers or LNG tanks mounted on rigid truck chassis) for supply of LNG. The offered vehicle (prime mover) shall be of 2025 manufactured year or later. The vehicle running shall not exceed 25,000 Kms at the time of deployment. Further it should be in perfect running condition. The Cryogenic tank on the vehicles must be manufactured within previous 2 years from the date of LOI. The number of the tankers is not fixed and may vary as per the demand pattern. The Agency to make tankers available as per requirement at the quoted rates. Transport services shall be provided round the clock on designated routes and as per the schedule given by VGL on all days.	bidder to use green fuel for transportation of LNG.	paid by VGL solely with reference to HSD, in accordance with the applicable EOI clause. EOI Conditions shall prevail
20	5 of 20	SCOPE OF ACTIVITIES: 13	Storage and Regasification NER/Gas Loss including Transportation Gas Loss shall not exceed 1.50%. Any excess Gas Loss shall be recovered from the bills of Agency. Reconciliation will be done on quarterly basis.	We request VGL to consider the Gas loss of 2.5%, due to nature of liquid being handled.	
21	8 of 20	ELIGIBILITY CRITERIA: D Technical Criteria	-	For application on individual basis – bidder can submit the technical BEC document from organisation in which individual is an director of the company. Pls confirm this is acceptable to VGL to showcase the experience of individual.	Clause Nos. 6(a) to 6(e) of EOI are clear and unambiguous. Eligibility will be decided based on the same.
22	6 of 20	OTHER TERMS & CONDITIONS: 04	Security Deposit of Rs. 10 Lakhs for respective LNG/LCNG Station shall be deposited to VGL before commencement of construction works against default with respect to agreed	We request VGL to consider a nominal amount towards the security deposit, as the bidder is already required to invest a substantial amount in capital expenditure and land. In view of this, we request VGL to kindly consider our request and	EOI Conditions shall prevail.



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			Terms & Conditions. Security Deposit submitted is liable to be forfeited in case of any violation of the stipulated Terms & Conditions at the discretion of VGL. Further, Payment Security Deposit of Rs. 50 Lakh is to be deposited by successful applicant prior to the commercial operation.	fix the security deposit at Rs. 5,00,000 (Rupees Five Lakhs only).	
23				MP stream is required or not.	The bidder must keep provision in the tank and layout for addition of MP stream in future.

Note: This Replies to Bidder's Queries as uploaded on VGL's Website. Please submit the same duly Sign and Seal with your application as this is an Integral Part of the EOI.



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Scope Matrix LNG Station

Sr No	Item Description	Bidder	VGL
1	Procurement of LNG from the supplier and arranging its availability at the nearest LNG terminal		✓
2	Daily LNG nomination to the LNG terminal for tanker loading, along with coordination with the gas supplier.		✓
3	Arrangement of LNG semi-trailers for transportation of LNG from the LNG terminal to the LCNG station. All LNG semi-trailers shall be GPS-enabled. Ensure drivers are provided with and use appropriate PPE at all times..	✓	
4	Vacuum and perlite insulated double walled vertical LNG storage tanks (Size – 56 KL, MAWP – 12 Barg and Quantity – 2 Nos) with the following minimum accessories. - Manual isolation valves on all connections, non-return valves, globe valves, ESD valve on tank filling & delivery lines, safety relief valves, thermal relief valves, level indicator & transmitter, pressure indicator & transmitter and other required accessories. - Interconnected piping with accessories & support - Vent stack with all support structure & drain valve - Emergency shut down Fire safe valves on Filling and delivery/pump lines - Junction box for connecting the instruments - 4 x 100% Safety valves - PESO approval for the Design - Economizer with pressure built-up coil - Lifting lugs - Earthing lugs	✓	
5	350 LPM LNG unloading pump cum LNG Dispensing skid with drive motor (Quantity – 2 Nos) and with following minimum accessories - Skid mounted with Vacuum jacketed sump - Local vent stack - Variable frequency drive (VFD) - Explosion proof emergency shut down push button station - Explosion proof local control panel for local operation with option of remote start and stop - Precooling temperature sensor, dry run temperature sensors, pressure sensors. - All associated piping, valve, non-return valve, fittings, instruments & accessories like strainer, pressure gauges, relief valve and safety interlocks for gas detector, low and high temperature sensor - Instruments impulse tube and interconnecting piping - Safety tags - Lifting Lugs and tailing lug - Earthing boss	✓	
6	Unloading Hose Trolley with wire braided Hoses for Liquid and vapour balance: 1 set for each pump for easy and safe hose handling, earthing reel for ensuring effective earthing. All necessary connections from pump outlet to storage tank inlet flange, control valves and inter connectors.	✓	
7	Design and Installation of Low Pressure Atmospheric vaporisers (2 x 100% capacity) to meet required duty cycle to provide Natural gas with valves at inlet and outlet. Flow : 1000 SCMH.	✓	
8	Inlet / outlet valve skids for the above vaporisers including - - automatic switchover based on time and outlet temperature - Temperature transmitters at outlet of each vaporiser - interconnecting piping and supports - valves and instruments all mounted on skid complete with cabling , pneumatic tubing and junction boxes	✓	
9	1 No of Low Pressure reduction system (PRS) for delivery of PNG at required flow and pressure of 2.5 barg – PNGRB Compliant - 2 x 100% regulators with isolation valves and pressure gauges - Overpressure slam shut off valve with limit switch - Creep relief valve - All mounted on skid with cabling and junction box - 2 Nos RPD Flow meter with its integration to SCADA for gas qty measurement	✓	
10	4 Nos LNG High pressure pump skid – 1200 SCMH ~ 33 LPM each - with electrical control panel in control room - Temperature sensors for pre cooling and dry run protection	✓	



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Sr No	Item Description	Bidder	VGL
	- LP and HP side safety valves - High pressure gauge and switch valves - other instruments and interconnecting piping - mounted on skid		
11	Design and supply of High pressure atmospheric vaporisers (2 x 100% capacity) to meet required duty cycle to supply CNG (2000 SCMH each) - with instruments and isolation valves for manual switchover after 8 hrs for continuous operation if required	✓	
12	High pressure vaporiser interconnecting skid with 2 Nos of Mass flow meter for Gas measurement	✓	
13	1 Nos of 4500 WL Stationary Cascade – 3 bank	✓	
14	1 Nos of Sequencing/Priority Panel for sequencing of CNG flow	✓	
15	CNG Mobile Cascade fill point/s (Quantity – 2 Nos) - with Manual Valves and instruments - including 1no of Mass flowmeter per point and 1 no of earthing reel per point. - with Parker or equivalent make QC coupling	✓	
16	CNG dispenser (3 Nos for Car & 1 for Bus & Car Combo) - As per Requirement - with hoses and earthing connections for Car/ bus as required	✓	
17	All Interconnecting piping for Low pressure, High pressure & Air Line along with required elbows and fittings. HP tubing from Priority panel to Stationary Cascade, LCV fill Post & CNG Dispensers	✓	
18	Odorization skid (monitored & controlled from LCNG Station PLC/SCADA) for dosing odorant to High Pressure CNG (Flow - 2000 SCMH) and Low Pressure PNG (Flow - 1000 SCMH) including 1st fill of Odorant with following minimum accessories. - with controlling valves. Odorant filling till contract period - Odorant storage tank with associated instruments – 500 Litre - Air operated dosing pump for each application - flow sensor - interconnecting piping duly mounted on skid	✓	
19	BOIL Off Gas Management System Complete Boil off gas (BOG) management system which includes BOG vaporizer, Pressure regulating valve with bypass valve arrangement, safety relief valve, flow meter with interconnecting piping, valve, instruments, flanges, fittings, supports, counter flanges, gaskets, nut & bolts and accessories.	✓	
20	Total safety system inclusive of Special gas detection devices, low and high temperature sensors, ESS etc in dyke storage area.	✓	
21	Programmable logic controller (PLC) with SCADA - including software programming. - MCC, PCC, VFD & APFC Panel for the LCNG plant	✓	
22	Supply of Earthing lugs on each equipment, Spring loaded earthing reel 10mtr wire (1 No per unloading pump), Warning signs and SOP.	✓	
23	- Supply & Lay of all Electrical Cables from PLC to field instruments/Valves - Supply of & Lay of cable trays, Electrical hardware , supports etc. - Supply & lay of cable glands and other Electrical hardware	✓	
24	Hazop Study Report along with On-Site Emergency Plan	✓	
25	Supply of all required Foundation bolts for tank; Supply of expansion bolts for skid and supports.	✓	
26	Installation of cables and cable trays between PLC panel and station components inside dyke storage area including all instrumentation	✓	
27	Installation and commissioning of system including piping, welding, cabling and pressure testing at site up to our Battery limit within Fencing area.	✓	
28	All Local approvals/ NOC, NHAI, Police, PESO & Competent person – Rule 33 Approvals Including Liasioning fees. W&M Stamping of dispensers (Every year)	✓	
29	Normal Operation Spares for the plant, Maintenance & upkeep of all equipment	✓	



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Sr No	Item Description	Bidder	VGL
30	Daily plant operations including tanker unloading and regasification, along with forecourt operations for CNG/LCV filling, ensuring round-the-clock manpower deployment for both the LNG area and forecourt area. This includes vehicle crowd management, cash collection, and proper cash handling and management.	✓	
31	All daily cash and online payments received against CNG retail sale shall be transferred to VGL on the next working day.	✓	
32	The periodic maintenance required to be done as per OEM recommendation shall be taken up promptly. Bidder shall provide the detailed preventative maintenance schedule along with Estimated down time required for each type of maintenance schedule	✓	
33	Transport of Equipments to site and transit Insurance (To& Fro). Demobilisation of all items back to bidder store after Contract Expiry	✓	
34	- 2 Nos Pump for removal of water from dyke with control mechanism @185 LPM - UPS for PLC power backup of 30 minutes - 10 KvA - Licensed Personal computer for SCADA & Operator PC for daily DPR requirement - Air Compressor for Pneumatic valve actuation along with Nitrogen cylinder backup skid - Flameproof light near unloading point.	✓	
35	Required Cranes for Unloading & erection of Equipments, During Mobilisation & Demobilisation period after contract closure	✓	
36	Supply of Liquid Nitrogen for tank cooling during commissioning	✓	
37	Fire hydrant Network of DN100 around the periphery of Fencing with Water monitor 2 Nos & 3 Hydrants. Below pumps are required to be connected with network. Fire Main Pump: 900 Lpm Jockey Pump: 180 Lpm Diesel Pump: 900 Lpm With other accessories Butterfly valves, air relief valves, PG, Needle valves & other interconnecting pipes. Fire extinguishers, sand buckets, warning signs as required per PESO norms. Underground Fire water storage tank Minimum 15000 Litre	✓	
38	Suitable Land for LNG station of 3600 Sq.M with 60 meter frontage minimum	✓	
39	Design and detailed engineering for all civil works related to the LNG station, including site grading, cutting and filling, plot development, access road and plant roads, dyke wall, boundary wall, chain link fencing, paver block flooring, water drainage system, green belt development, and signage. Construction of control rooms (Sales Room and Electrical-cum-PLC Room) complete with furniture and air conditioning. Provision of basic amenities such as drinking water (RO system) and toilet facilities. Development of the forecourt dispensing area canopy as per VGL branding and approved design guidelines.	✓	
40	Provision of plant lighting as per the required illumination levels, both outside and inside the fenced area. Electrical works shall include main incoming cable from transformer to MEDB, distribution from MEDB to the LNG Electrical Panel, MEDB to indoor and outdoor lighting systems, MEDB to UPS, MEDB to GEG, and UPS to battery bank, including all associated cabling and terminations.	✓	
41	Earth pits with Earthing system in it at required locations along with Earthing strips up to equipment.	✓	
42	Arrangement of Utilities such as Electrical power, water, Air etc. for testing during commissioning. Supply of Electrical power during operation of the LNG station	✓	
43	Food, Lodging, boarding & Transport facility for Operation team.	✓	
44	The Bidder shall also carryout calibration of gas detectors and flame detectors every year or earlier as per requirement or instruction of the operation manger. Also, yearly calibration of all instruments such as pressure gauges, transmitters, switches etc shall be in the scope of the Bidder. Calibration of mass flow meters shall be done once in two years or as per OEM recommendation whichever is earlier. In addition to the above all safety relief valves shall also be tested and calibrated every year.	✓	
45	Diesel/Gas Generator of 125 KVA for Power back along with Changeover panel	✓	
46	Provision of a complete CCTV surveillance system with 100% area coverage of the plant and forecourt. The system shall have a minimum data backup retention period of 15 days	✓	



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47	Housekeeping of LNG and CNG portion including all Consumable, tools and tackles related to housekeeping.	✓	
48	Liaoning with Local Electricity board for Power at LNG RO. Providing power connection via 2/4 pole. Coordination with Electricity Board for commissioning of transformer. Getting demand note for power supply till 2/4 pole	✓	
49	Air/nitrogen tyre inflator system for vehicle tyre pressure filling at the forecourt.	✓	
50	VGL branding to be provided on the LNG storage tank, installation of high mast signage for the CNG and LNG station, and branding on CNG dispensers as per approved VGL design guidelines.	✓	
51	Daily consumption report for all gas streams to be prepared and submitted to VGL	✓	
52	Provide inputs, reply auditor's query and technical documents to VGL assigned agency for Statutory inspection and certifications of LCNG plants, external safety audits during the operations phase etc.	✓	
53	Battery Limits: Low pressure PNG @ 4 barg : PRS outlet flange High pressure LCNG @ 250 barg : up to CNG dispenser & LCV Fill point	✓	