

**हर एक काम
देश के नाम**



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LIMITED

(A JOINT VENTURE OF HPCL & GAIL)

BID DOCUMENTS FOR

TENDER FOR CNG TRANSPORTATION FOR A PERIOD OF 4 YEARS IN GEOGRAPHICAL AREAS (GAs) OF BHAGYANAGAR GAS LIMITED

UNDER OPEN DOMESTIC COMPETITIVE BIDDING

Bid Document No.: 043-LEPL-BGL-002

**VOLUME- II of II
TECHNICAL**

**Project Management Consultant:
Lyons Engineering Pvt. Ltd.**





Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

CONTENTS

VOLUME II OF II

SECTION VI	-	SCOPE OF WORK
SECTION VII	-	SCHEDULE OF RATES



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

SECTION – VI

SCOPE OF WORK

1.0 PROJECT DESCRIPTION

M/s Bhagyanagar Gas Ltd. is a joint venture of GAIL (India) Limited & HPCL Ltd. BGL has been setup to implement City Gas Distribution Networks at different geographical areas in the country. Presently BGL is expanding the City Gas Distribution Networks to supply natural gas to various Domestic, Commercial, Industrial and Automobile Consumers in Geographical Area (GA) of Hyderabad/Vijayawada/Kakinada.

The scope of work indicates minimum requirement of deployment of commercial vehicle for transportation of CNG through mobile cascade permanently mounted on Commercial Vehicles shall be filled from “Mother Stations” to “Daughter Booster Stations” for CNG consumers. The bidder may be required to carry out all related activities that may be required for successful completion of the work as per direction of EIC.

2.0 DETAIL SCOPE OF WORK

The scope of service shall in general consist of but not limited the following scope of services:

1. Deployment of Mobile Cascades with LCV/MCV/HCV commercial vehicle: number of commercial vehicle shall be as required to meet the minimum target transportation of 1,00,000 Kg CNG per month as mentioned in SOR.
2. Mobile CNG cascades capacity shall be minimum 4500 WL.

The cylinder shall be approved by Petroleum and Explosives Safety Organization (PESO), Government of India for use in India for specified condition. All cylinders to be hydrostatically tested and approved by third party certification body. Test certificates shall be duly endorsed by approval body and issued before delivery. The location of inlet/outlet tube and pressure gauges shall be as per approved drawing. Necessary documents in this regard have to be provided by the ASSOCIATES.

All cylinders must be permanently stamped with the word CNG together with the following information:

- i) Manufacturer's, owner's and inspector's marking and rotation number; (These markings shall be registered with the PESO)
- ii) Specifying that the cylinder has been manufactured for "CNG only".



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

iii) A symbol to indicate the nature of heat treatment (such as normalizing, quenching, or tempering) given to the cylinder during manufacture.

iv) The date of the last hydrostatic or hydrostatic stretch test, as the case may be, with the code mark of recognized testing station where the test was carried out. The code mark shall be registered with the PESO.

v) Working pressure and test pressure;

vi) Tare weight

vii) Water capacity.

Following Calibrations, Test Certificates and Third Party Certification to be submitted to BGL before deployment –

> Every Cylinder should be carried with Hydrostatic or Hydrostatic stretch test and a certificate should be provided.

> Leak test should be carried for each cylinders or cascades with all tubing's, valves and a certificate should be furnished to the Owner.

> All Instrument gauges, Valves, Pressure gauges, safety relief devices, shut off valves tubing's and piping etc should be Pressure tested, calibrated and such test , calibration certificates, should be presented upon delivery to site. If any of the test certificates is not in order, the Supplier's should replace the affected equipment with valid certificate at Supplier cost.

> Calculation shall be carried for Stationary of one complete cascade with all cylinders mounted and filled and the same should be submitted for review of the Owner.

> Burst test of one cylinder from the entire supplies shall be produced and in case offered once are new design the schedule for the test should be informed prior to enable the Owner or their authorized representative to depute their personnel for witnessing the test.

> All standards shop tests/ QA / QC as per the recommendation of the manufacturer / Chief Controller of Explosives to be carried out and a copy of such certificates shall be furnished to the Owner.

> Record of storage capacity check of each cylinder in a cascade shall be furnished and same shall be demonstrated to the Owner/ its representative.

3. LCV/MCV/HCV's to be provided for transportation of CNG through associate's owned or hired cascades. Necessary documents in this regard have to be provided by the ASSOCIATES.



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

- The LCV & MCV/HCV can be arranged through long-term CONTRACT basis. The LCV & MCV/HCV shall be provided with two earthing connections and filled with a spark arrestor on the exhaust if required.
4. BGL reserves the right to split the total requirement of mobile Cascades with LCV/ MCV/ HCV among various bidders for reason of its own commercial benefit.
 5. The associates shall provide QRC with mobile cascades, loading, unloading, issuance of excise gate pass, SOP compliance as per direction of EIC.
 6. The associates should ensure opening and closing of the individual cylinder valves for transportation of CNG after loading, unloading from Mother stations to daughter booster stations and daughter booster stations to mother stations.
 7. Any operational gas loss beyond reasonable Industry norms and as being historically noted by BGL in its GA i.e., >0.5% shall be borne by the Associates.
 8. All arrangement towards deployment of skilled manpower, consumable, spares, insurance, repair & maintenance, statutory approval, hydro testing of mobile cascades shall be sole risk & cost of associates & would be considered as included in rates quoted.
 9. The associates shall securely mount the CNG cascade on commercial vehicle. The Associates shall make all necessary mounting arrangement at his own cost, including of crane for lifting & handling of CNG cascades, supply of 'U' bolts and nuts for anchoring cascades frame to chassis, installation of necessary supporting stiffeners at requisite positions and all other necessary tools and tackles required along with skilled manpower. The safety of mobile cascades is the responsibility of the associates. The LCV/MCV/HCV should report at designated Mother/Online Stations as informed by Bhagyanagar Gas Ltd with the cascade duly mounted and stable on the vehicle. The vehicle shall be ready for commencement of commercial operation only after Bhagyanagar Gas Ltd is satisfied with the stability of the vehicle.
 10. On expiry or termination of the contract, balance gas inside the cascades shall be downloaded at any CNG Station of Bhagyanagar Gas Ltd. Otherwise equivalent amount for the remaining CNG shall be deducted from the actual CNG price at that time.
 11. Payload capacity of LCV & MCV/HCV shall be accepted based on the certification of Regional Transport Officer while issuing registration for the vehicle. Payload capacity should also be clearly mentioned by the LCV & MCV/HCV Manufacturer/ seller.
 12. The Associate shall obtain the Traffic Police clearance for 24-hour entry permit for plying CNG cascades mounted VEHICLE on road. Any assistance / document required in this regard shall be provided by BGL. The Vehicle movement shall not be restricted within the city of Hyderabad or other GAs and therefore necessary permit for state transport movement in Hyderabad or other GAs shall be obtained by the Associate at its own cost. The commercial operation of BGL should not be effected for non-compliance of such requisite permits. If at all the operation is effected, the loss shall be recovered from the bidder on the rate decided by the Engineer-In-Charge.



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

13. The mobilized LCV & MCV/HCV shall be painted as per color code and description provided by Bhagyanagar Gas Limited in addition to the statutory display requirements to carry CNG. The ASSOCIATES shall be responsible for providing suitable signboards / display boards during LCV & MCV/HCV movement on road or in parked condition. Each LCV has to paint rear and side panels for display of company name and logo in combination to fulfill the requirements of display of under rules 130 to 137 of Central Motor Vehicles Rules 1989. Painting of the color codes and all other statutory display has to be done by the ASSOCIATES at his own cost before deploying the vehicles for carrying CNG cascades and DCU.
14. Painting of the color codes and all other statutory display has to be done by the ASSOCIATES at his own cost before deploying the vehicles for carrying CNG cascades.
15. Engine Ignition/ Starter of LCV & MCV/HCV should always be maintained in working condition. Battery of LCV & MCV/HCV should have adequate isolation enclosure.
16. LCV/ MCV/HCV should always be equipped with complete set of tools and tackle for repairs and maintenance, replacement of tyre.
17. No flammable material is permitted to be carried in the cabin or carriage of LCV /MCV/HCV. The headlights, horn, wipe, brake, clutch, accelerator and all mechanism of LCV/MCV/HCV should always be maintained in proper working condition. All internal & external wiring of LCV/MCV/HCV should be properly concealed and loose wiring will not be permitted. In-case of any wire jointing is to be done for short time basis. It should be tightly done and properly insulated.
18. Adequate Fire extinguisher (minimum one DCP and one CO2) for mounting on each LCV /MCV/HCV shall be provided by associates & shall mount fire extinguishers brand new on the LCV/MCV/HCV as per the directions of Engineer-in-charge. The cost of supply and fabrication of steel material for mounting the extinguishers shall be borne by the associates. The associates will be responsible for maintenance of fire extinguishers. If any damage occurs it should be changed immediately by the associates.
19. The ASSOCIATES shall bear the entire operational cost of the mobile cascades and vehicle for transportation of CNG in cascades, which shall include but not limited to the following:
 - a. Salary and other emoluments for the Vehicle, loading, unloading operators & Supervisors
 - b. Cost of fuels, brake oil and lubricating oil required for operation of the vehicles.
 - c. Maintenance and repair cost of the vehicles.
 - d. Maintenance and repair of mobile cascades and arrangement of required spares.
 - e. Hydro testing of mobile cascades.
 - f. Licenses, permits,-road tax, insurance including 3rd party insurance and any other statutory levies etc.
20. Toll tax, octroi tax shall be reimbursed at actuals.
21. The associates shall provide at its risk and cost, Vehicle operator, preferably Vehicle operator cum Mechanic for LCV /MCV/HCV and Vehicle operator/ Vehicle operator cum Mechanic



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

should have Valid Heavy Vehicle Driving License from issued by Transport Authority & experience should be in transportation.

22. Associate shall submit the following legal documents include:
 - Registration Book
 - Insurance
 - Driver's license
 - PUC
 - Fitness Certificate issued by Transportation Department (RTO)
 - Tax certificate.
23. The contractor shall submit the copy of all the valid documents of deployed vehicle i.e. Registration Book, Insurance Certificate, Fitness Certificate/ Manufacturer's inspection (in case of new vehicle), Receipts of Road Tax Paid, and Permit with all taxes to Engineer in Charge before deployment of the vehicle.
24. The ASSOCIATES shall depute his field representative/supervisor's alongwith relievers for smooth operation of transport services to co-ordinate with Engineer-in-charge as per day to day operational requirement. Supervisors shall be provided with the conveyance and mobile phone for effective supervision and better coordination.
25. It is mandatory for the Associate to get the vehicle operator cum mechanic fully acquainted with Safety requirements. The Associate shall conduct periodic training program to get the vehicle operators fully acquainted with OWNER safety requirements. The Associate will make the drivers available for training on defensive driving, first aid, firefighting, emergency preparedness and any other training which OWNER considers necessary. New drivers prior to commencing their duties shall undergo an introductory training program carried out by supervisor/ fire and safety supervisor. In case complaint of driving quality and involvement in an accident, immediate corrective action may be taken to avoid repetition of such incidences in future.
26. Vehicle operator / Preferably Vehicle operator cum Mechanic should be adequate trained for LCV/MCV/HCV operation and they should be well behaved, non-smoker, non-alcoholic. Chewing pan, pan-masala, gutka, tobacco etc and spitting by deployed manpower is strictly banned while on duty. They should good track record and shall have no criminal antecedent.
27. All personnel including Vehicle operators, Supervisor and technician of the associates entering on work premises shall be properly and neatly dressed and shall wear uniform, safety Shoes, badges while working on premises of the company including work sites. Vehicle operators/ Supervisors without proper uniform will not be allowed for duties.
28. The associates shall provide all necessary documents including ID Cards, personal data, mark sheet/ qualification certificate, police verification certificate, driving license etc pertaining to manpower proposed to be deployed for LCV & MCV/HCV operation.
29. The ASSOCIATES shall operate their vehicles at their own risk entirely and Bhagyanagar Gas Ltd shall in no case be held responsible for any damage to the vehicles while on



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

- BHAGYANAGAR GAS LTD work. The ASSOCIATES shall maintain the vehicles in sound mechanical condition at all times.
20. The ASSOCIATES shall ensure the safe and correct delivery of CNG at the nominated destinations in the same condition in terms of quality and quantity as FILLED. Any infringement of the above will be deemed as unlawful and Bhagyanagar Gas Ltd will hold the ASSOCIATES legally responsible for the same. Additionally Bhagyanagar Gas Ltd also reserves the right in such an event, to forthwith terminate the CONTRACT and / or to impose penalties on the ASSOCIATES as Bhagyanagar Gas Ltd may deem fit.
 21. The LCV shall have mobile/Walky Talky with the vehicle operator cum mechanic for communication. In case the ASSOCIATES fails to provide this facility, Bhagyanagar Gas Ltd shall make alternate arrangement and make the system operational and necessary payments in this regard shall be made directly to the service provider with 25% overheads after deducting such amount from the bills of the ASSOCIATES.
 22. LCV shall be on service for 24 hours starting from 06.00 a.m. to 06.00 a.m. for 365 days. No Government holiday will be allowed. Transportation charges of LCV & MCV/HCV s shall include Services of vehicle operators for 24 hours in a day for all days in all the vehicles with providing weekly off to each Vehicle operators and relievers to be provided. Associates should strictly adhere to the applicable rules / relevant Act/ minimum wages act and compliance of the same shall be ensured. The associates is responsible to provide effective and efficient services in all shifts and assure that there is no disruption in the service for want of any resources. Movement of LCV & MCV/HCV and manpower shall be controlled by EIC or his authorized representative. However, decision of EIC on the manpower required shall be final and binding as per requirement.
 23. ASSOCIATES shall indemnify company for any action under Motor Vehicle Act.
 24. Transportation of CNG through LCV & MCV/HCV shall be provided round the clock on designated routes and as per the schedule given by Engineer-in-charge on all days and services shall be governed as follows:
 - a. Disconnect the quick connect coupling of the cascade after proper de-pressurization of the hose, as soon as storage pressure falls to a level decided by the Engineer-in-charge and transport the cascade to Mother / filling stations.
 - b. Connect the cascade with the filling hose by connecting quick connect coupling available at mother stations for refilling.
 - c. Transport the filled mobile cascades from Mother / filling stations to Daughter Booster Stations and connect to suction hose at filling post through quick connect coupling.
 - d. Each LCV/MCV/HCV shall be provided with a logbook and the pressure level in the mobile cascade in each bank, time, station name etc. to be filled at commencement of each trip. Opening and closing reading of the kilometer have to be noted in the logbook. Vehicle operator shall also record any leakage, burst disc failure during the trip. The logbook has to be signed by station manager / technician for each trip and countersigned by control room shift in charge of BHAGYANAGAR GAS LTD/ authorized representative daily if possible. These log



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

books/journey slip shall be produced before EIC or his authorized representative as and when required for verification/inspection/instruction.

Transport Operation: Transport services shall be provided round the clock on designated routes and as per the schedule given by Engineer-in-charge on all days. Transport services shall be governed as follows :

- a) Opening of Entire Mobile cascade CNG cylinder valves for unloading CNG. Disconnect the quick connect coupling of the cascade after proper de-pressurization of the hose, as soon as storage pressure falls to a level decided by the Engineer-in-charge and transport the cascade to Mother/ filling stations. Closing of Entire Mobile cascade CNG cylinder valves for safety during transit.
- b) Opening of Entire Mobile cascade CNG cylinder valves for loading CNG. Connect the cascade with the filling hose by connecting quick connect coupling available at mother stations for refilling.
- c) Transport the filled mobile cascades from Mother station/ filling stations to daughter stations and connect to station tubing through quick connect coupling and unload by Opening of Entire Mobile cascade CNG cylinder valves.
- d) Each Vehicle shall be provided with a logbook for recording of the pressure level in the mobile cascade in each bank, time, station name etc. to be filled at commencement of each trip. Vehicle operator shall also record any leakage, burst disc failure during the trip. The logbook has to be signed by station manager / technician for each trip & countersigned by control room shift in-charge of BGL on daily basis. Also, driver should record the pressure level in the mobile cascade and stationary cascade at retail outlets in the vehicle log book.
- e) Vehicle operator shall be in continuous coordination with control room for providing the necessary information regarding the pressure available in the cascade, retail outlet , etc ., any other information required by BGL.

Daily filling & dispatch statement has to be prepared by the Associate and the same has to be submitted daily at the respective control rooms of BGL on daily basis.

- e. Following tentative details of CNG stations falling under different round trip Km are mentioned below for associates' reference

KM Range	No. of BGL CNG stations
0-25 Km	2



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

26-50 Km	18
51-75 Km	21
76-100 Km	19
>100 Km	4

25. The associates shall ensure that the recovery of gas per trip per LCV & MCV/HCV is within the acceptable limits as specified in point (a). In the event of less recovery on account of reasons attributable to the associates such as : LCV & MCV/HCV being returned from retail outlets at higher return pressure as specified in point (a), then the associates shall not be paid for that particular trip.
26. Since the Cascade of CNG Cylinders are containing Compressed Natural Gas at very high pressure, the associates's personal shall not park/ halt on a road/ highway, divert from designated route etc without prior permission from EIC/BGL. In-case any breakdown of LCV/ MCV/HCV or any unavoidable circumstances suitable action should be taken with intimation to EIC or his representative. Also, Associates' personnel shall be familiar with hazard operation of CNG storage and any emergency situation arising during operation, personnel must be competent in operation of fire extinguisher available in LCV /MCV/HCV. In any circumstances, BGL or their representative's personnel shall not be held responsible for any incident during the transportation or stationary condition or uploading or downloading of CNG.
27. The associates ensure that his personnel abide safety & security measure during parking of LCV/MCV/HCV, during refueling, de-canting of CNG from cascade and shall be familiar & follow the procedure in to as laid down/prescribed by BGL during all operation at CNG station, DBS or during movement.
28. A Joint program of execution of work shall be prepared by the Engineer-in- charge and ASSOCIATES. This programed will take into account the time of completion mentioned above. And required to carry out all services as mentioned in the on all the 365 days including Sundays and all holidays. The associates or his authorized representative shall interact with Engineer-In-charge daily for smooth movement of the transport services.
29. Associates has to ensure the safety of man and machine all the times. The associates shall remain at all times liable to Bhagyanagar Gas Ltd for any loss or damage caused to any building, plant machine of Bhagyanagar Gas Ltd due to careless, negligent, inexperienced act of default of the associates, his agents, representative or employees. Bhagyanagar Gas Ltd shall be the sole judge as regards the quantum of loss or damage and it shall be entitled to deduct from the amount payable hereunder to the associates the cost of repairs or the amount of loss or damages.

The layout drawing & engineering drawing related to cascade fitment need to be submitted to BGL for the approval.
30. The associates will be liable for any loss or injury to Bhagyanagar Gas Ltd employees/agents due to careless, negligent, inexperienced act or default of the associates, his / her agent's representative or employees.
31. Regarding work completion, the decision of the engineer-in-charge shall be final.



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

32. The associates shall make his own arrangement to provide all facilities like accommodation and transport etc. to his workmen. Bhagyanagar Gas Ltd does not make any commitment to provide his employees with facilities such as office accommodation canteen, tea, toilet, telephone etc. Associates shall maintain proper record of his working employee's attendance and payment made to them. The associates will strictly adhere to all the safety rules and regulations prevailing and applicable from time to time at the installations as directed by BGL.
33. All the jobs mentioned under scope of services shall be carried out as per sound engineering practices, work procedure documentation and as per the guidelines/ direction of engineer-in-charge or his authorized representative.
34. CONTRACT shall carry out all schedules for maintenance of Mobile cascades and LCV & MCV/HCV and provide the copy of schedule of maintenance record to Engineer-in-charge.
35. BGL may divert the vehicle from one station to another as per business requirement for Loading / unloading of the cascade. BGL reserves the right to utilize the LCV at any station at its discretion on the same rate, terms and conditions.
36. The ASSOCIATES shall obtain the Traffic Police clearance for 24-hour entry permit for plying CNG cascades mounted LCV on road. Any assistance / document required in this regard shall be provided by BHAGYANAGAR GAS LTD.
37. The ASSOCIATES shall be required to take comprehensive insurance policy coverage including 3rd party insurance for each vehicle taken from a reputed insurance company and shall keep in force during the tenure of the CONTRACT. If any property at CNG station has been damaged by the act of the associates, the same will be also recovered from the associates as per actual cost estimation of Bhagyanagar Gas Ltd.
38. LCV provided under the transport services should be covered by Zonal Permit at ASSOCIATES's cost.
39. The ASSOCIATES shall ensure that no person in the vehicle would smoke or no fire or other ingredients of ignition should be permitted in the vicinity of the vehicle. No other goods should be carried in the vehicle. The vehicle engaged for transportation of CNG shall not carry any persons or goods.
40. Latest model GPS tracking should be made available for monitoring at all the time and non-working of GPS for any LCV & MCV/HCV will be construed as deviation in the operation of LCV & MCV/HCV. For this purpose, the bidder shall install Vehicle Tracking System in all the deployed LCVs. The safety and Security of the Vehicle Tracking System will be the responsibility of the Bidder. He shall also provide the access at least to 3 users ID to BGL & provide the necessary software to BGL for day-to-day monitoring. However, the compatibility of the application should be ensured and GPS/VTS (vehicle tracking system) system should have the facility for allocation of vehicles / job/ trip to required station, sending SMS to concerned station OMC, dealer representatives and BGL representatives, control room/ Mother station as per the required format and uploading the photos required if any operational requirement, stoppage time, site entry , exist timings, etc., during the entire contract tenure.
41. Rates quoted are firm and will remain unchanged during currency of the Contract.



Lyons Engineering Pvt. Ltd

**CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED**



Bhagyanagar Gas Ltd.

42. Maintaining safety at CNG station, the associates shall Provide 03 sets of uniform, Safety shoes - 01 & other personal protective equipment's and identity cards to all personnel deployed at the station for the work. Uniform/ I -cards for Vehicle operators & Supervisors shall be combination of Sky Blue shirt & Navy Blue Pant with embossing of Bhagyanagar Gas Ltd Logo (Only Cotton). T - Shirt will not be acceptable.
43. The associates shall take care for proper cleaning of LCVs & Cascade.
- a. ASSOCIATES shall have at all times during the performance of the WORK, a Competent Supervisor at his premises. Any instruction given to such Supervisor shall be construed as having been given to the ASSOCIATES.
- b. The associates shall carry out required supervision and inspection as per quality assurance plan and furnish all assistance required by the OWNER in carrying out inspection from time to time. The OWNER shall have inspectors or other authorized representative who shall have free access to the vehicles (LCVs) at all times.
44. Inspection of Cascades & LCV & MCV/HCV
- All inspections and tests shall be made as required by the specifications forming part of this contract. Associates shall advise Owner in writing at least 10 days in advance of the date of final inspection/tests. Manufacturer's inspection or fitness certificates for Cascades & LCV/MCV/HCV supplied may be considered for acceptance at the discretion of Owner. All costs towards testing etc. shall be borne by the associates within their quoted rates. All inspection of various items shall be carried out based on Quality Assurance Plan, which will be submitted by the Associates and duly approved by Owner.
45. Documents and statutory
- a. LCV/MCV/HCV to be deployed under the contract for the work should be fit in all respects for use in accordance with the latest Motor Vehicle Act, Rules & laws applicable time to time.
- b. Cascades on LCV/MCV/HCV to be deployed under the contract for the work should satisfy the sub-clause no. 2 of cl. no. 2 under scope of work.
- c. Certified copies of all documents of LCV & MCV/HCV such as Invoice, Registration Certificate (RC), Fitness Certificate, Insurance etc. shall be submitted to EIC along with original for verification and records. Original will be returned after verification. These certificates should indicate all data/results of the vehicles as required in relevant International Standards.
- d. The associates shall be solely responsible for all consequences and claim under the law arising out of any accident caused, if, any by the LCV/MCV/HCV /Vehicle operator to the equipment/property/personnel of CNG station or to the general public on road or to any third party.



Lyons Engineering Pvt. Ltd

CITY GAS DISTRIBUTION PROJECT OF
BHAGYANAGAR GAS LIMITED



Bhagyanagar Gas Ltd.

SECTION – VII

SCHEDULE OF RATES (SOR)

REFER E-TENDER NO.: 043-LEPL-BGL-002 IN

E-TENDERING WEBSITE /PORTAL –

(<https://petroleum.euniwizarde.com/>)

FOR SCHEDULE OF RATES



**SCHEDULE OF RATES FOR
TENDER FOR CNG TRANSPORTATION FOR A PERIOD OF 04 YEARS IN GEOGRAPHICAL AREAS
OF BHAGYANAGAR GAS LIMITED**



E-Tender ref : 043-LEPL-BGL-002

Name of the Bidder						
Sr. No.	HSN Code	Item Description	Unit	Total Quantity	Unit Rate	Total Price inclusive of all Taxes and duties exclusive of GST
			1	2	3	4=(3X2)
A1000		Supply of CNG at BGL's Daughter Booster Stations in Hyderabad or Vijaywada or Kakinada, providing cascades of 4500WL capacity or above and suitable LCV/MCV/HCV with operation & maintenance along with required spares, including manpower cost, all tools/tacles etc. as directed by the EIC for filling & transportation of CNG per month in mobile cascades as per the following range:-				
A1100	9965	Ship on pay 1,00,000 Kgs/Months (48,00,000 Kgs.)				
A1101		Ship on pay for RTKM range of 0-25 Km	Rate/Kg	264000	-	-
A1102		Ship on pay for RTKM range of 26-50 Km	Rate/Kg	1584000	-	-
A1103		Ship on pay for RTKM range of 51-75 Km	Rate/Kg	1584000	-	-
A1104		Ship on pay for RTKM range of 76-100 Km	Rate/Kg	1200000	-	-
A1105		Ship on pay for RTKM range >100 Km	Rate/Kg	168000	-	-
A1200		Beyond 1,00,000 Kgs/Months	Rate/Kg	24,00,000	-	-
TOTAL PRICE (Rs.)						-
GST% under RCM						5%



**SCHEDULE OF RATES FOR
TENDER FOR CNG TRANSPORTATION FOR A PERIOD OF 04 YEARS IN GEOGRAPHICAL AREAS
OF BHAGYANAGAR GAS LIMITED**



E-Tender ref : 043-LEPL-BGL-002

Name of the Bidder						
Sr. No.	HSN Code	Item Description	Unit	Total Quantity	Unit Rate	Total Price inclusive of all Taxes and duties exclusive of GST
GST VALUE (Rs.)						-
TOTAL PRICE INCLUSIVE OF GST (Rs.)						-

Note :1. Associate shall quote for all the slabs / ranges mentioned above in SOR, Accordingly payment shall be released based on the quantity of CNG transported on monthly basis.

2. Toll, octroi taxes, Charges if any will be reimbursed at actual, if applicable during the contract period on submission of toll receipts / proofs.

3. Rate per KG CNG transportation should be quoted considering the cost of fuel (CNG) on a day before the date of bid submission.

4. BGL does not guarantee any minimum extra quantity of the Gas to be transported (Beyond fixed Kg per month covered).

5. Payment shall be paid as follows:

Case-1 : If Quantity transported exceeds 01 Lakh Kgs per month , then payment shall be made at actuals as per the SOR defined above.

Case-2: If Quantity transported is less than 01 lakh Kgs per month , then payment shall be made at actuals for the transported quantity as per the defined SOR . For remaining Qty , payment shall be made on weighted average basis.