



BHAGYANAGAR GAS LIMITED
(A JOINT VENTURE OF HPCL & GAIL)

TENDER DOCUMENT FOR

**HIRING CLUSTER BASED COMPREHENSIVE ANNUAL
MAINTENANCE CONTRACT (CAMC) SERVICES FOR SOPAN MAKE
CNG BOOSTER COMPRESSORS AT HYDERABAD FOR A PERIOD
OF 03 YEARS**

**UNDER OPEN DOMESTIC
COMPETITIVE BIDDING**

e- tender

Bid Document No.: BGL/710/2025-26

VOLUME-II of II

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Bhagyanagar Gas
Limited

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Volume II of II

SECTION 7: SCOPE OF WORK

1) INFORMATION:

The information given in the Bid Documents and in the plans and drawings forming part thereof is merely intended as a general information without undertaking on the part of the Owner as to its accuracy and without obligation relative thereto upon the Owner. The Vendors are expected to conduct their own surveys and investigations prior to Bidding.

Before bidding, the vendor shall undertake and shall be deemed before bidding to have undertaken a thorough study of the proposed work, the job site(s) involved, the site conditions, the labour, power, water, material and equipment availability, transport and communication facilities and temporary offices and accommodation quarters, and all other factors, constraints and facilities necessary for the formulation of the Bid, supply of materials and the performance of the work.

The vendor shall inspect and examine the site and its surroundings and shall satisfy himself before submitting his tender as to the nature of the ground present, physical conditions and all roads, approaches and lands which may be used temporarily otherwise in connection with the works, means of access to the site accommodation he may require and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his tender.

2) SITE VISIT:

The Tenderers are advised to visit the locations and examine its surroundings and obtain all information that may be necessary for preparing their Offer / Bid and entering into the contract. Non-familiarity with site conditions will not be considered a reason either for extra claims or for not carrying out the work conforming to the specifications.

The bidder shall be responsible for providing all required spares, consumables, lubricants, lubricating oil, coolant, sealant, and other materials necessary for the comprehensive maintenance of the complete compressor package throughout the contract period. This includes all activities related to periodic, preventive, and breakdown maintenance to ensure the continuous and uninterrupted operation of the compressor packages.

Additionally, the bidder must maintain a minimum stock of essential spares. In case of any accidental or otherwise bidder-attributable damage to the equipment, the bidder shall repair or replace the damaged equipment at their own expense.

The bidder is required to provide comprehensive maintenance services with 100% availability of genuine spares to carry out Comprehensive maintenance contract of CNG booster Compressors (EMD/Variable/booster) including supply of spares during the entire contract period.

3) The details of compressors in Hyderabad GA is as follows:

- 1) Sopan O&M company Pvt Ltd(SOPAN)

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- Below mentioned details are tentative only.

Details of type of compressors:

Sr. No.	Station Name	Location	Sr.No	Cumulative running hrs as on 31.01.2026	OMC	Type of RO	Comp. Make	Type	Capacity
1	M/s. BP Rudraram	Rudraram	1256	32677.74	BPCL	DBS	Sopan	Booster	400 SCMH
2	M/s. Habeeb Service Station	Langer House	1254	24959.31	HPCL	DBS	Sopan	Booster	400 SCMH
3	M/s. Hytech Fuel Station	Kishanbagh	1314	19701.18	HPCL	DBS	Sopan	Booster	400 SCMH
4	M/s. Sri Sai Narsimha Fuels	Chandrayana gutta	1312	32285.72	IOCL	DBS	Sopan	Booster	400 SCMH
5	M/s. GMR Filling Station	Mailardevpally	1359	24645.42	IOCL	DBS	Sopan	Booster	400 SCMH
6	M/s. Pendhota Brothers Filling Station	Katedan	1257	13260.50	HPCL	DBS	Sopan	Booster	400 SCMH
7	M/s. Sri Balaji Kailash Filling station	Hasthinapuram	1310	37193.59	IOCL	DBS	Sopan	Booster	400 SCMH
8	M/s. Sri SSV Petroleum Corporation	Peerzadiguda	1361	15509.41	HPCL	DBS	Sopan	Booster	400 SCMH
9	M/s. Auto Prime	Chadarghat	1317	13376.89	HPCL	DBS	Sopan	Booster	400 SCMH

Note:

- The above details are tentative and are provided for information of the bidders only.
- The compressors proposed for CAMC are tentative and may vary depending upon site requirements at the discretion of the BGL.

Comprehensive maintenance services: The bidder shall plan and execute all services accordingly, including but not limited to the below-mentioned scope of work. No additional cost shall be payable by BGL on this account.

The subjected tender is for CAMC of booster compressor packages only and does not include operation services. The booster compressor packages are designed to operate in automatic mode. However, ensuring availability, reliability, and performance of the compressors shall remain entirely under the scope of the CAMC contractor. The contractor shall carry out all preventive and breakdown maintenance and arrange all resources required for uninterrupted operation of the compressor packages.

Brief scope of work:

1. All the jobs mentioned under scope of services shall be carried out as per sound engineering practices, work procedures, documentation & recommendation of the Original Equipment Manufacturer (OEM) and as per the guidelines/direction of BGL EIC.
2. Technicians provided shall have minimum qualification of ITI in Mechanical/Fitter/Instrumentation/Electrician trade and shall be experienced in handling & servicing of oil & gas equipment, preferably CNG compressors & Gas engines, Electrical motor driven compressor packages, booster compressor packages, well trained & certified by Compressor/Engine OEM before they are inducted.
3. The services are required 365 days including Sundays and all holidays on round the clock basis as directed by BGL Engineer-In-Charge (EIC).
4. Lube oil of various grades will be stored at the contractor's store, and it will be responsibility of Contractor to collect, transport and account for oil as per requirement at various maintenance locations/stations. Transportation and other charges shall be borne by the contractor. The Contractor shall ensure proper documentation (e.g. Outward gate pass) for transportation of oil from one station to another.
5. The Contractor shall be responsible for security & storage of all materials maintaining at his store/ BGL premises on urgency basis or at site. Oil storage shall be such that it is not contaminated or mixed with water/other substances/used oil.
6. cleaning of Radiator shall be carried out as per OEM recommendation & as and when deemed necessary.
7. Contractor shall submit Monthly Progress Report, Compressor performance and process parameters as per BGL format or vendor's permit.
8. At the time of technician visit to station, he shall have to perform the following activities during his visit to the Station:
 - Check compressor & motor parameters and note down the same in prescribed format of BGL.
 - Check oil level of lubrication tank & crank case.
 - Drain oil from blowdown vessels, volume bottles etc. as per routine practice. Keep drain oil at designated place.
 - Check stock of lubricant oil/DM water/Nalcool/Nalprep etc. as well as make entry against consumption. Contractor shall send stock position to BGL EIC on fortnightly basis. But, service provider/ contractor has to monitor the stock position on daily basis.
 - Upkeep of the compressor package.
 - Ensure that no unwanted material is kept inside or around the compressor package.

The CAMC agency shall submit material to BGL CNG Store if found available at site.

- Cleaning of compressor package.
 - Checking of oil drops of lubricator to ensure its working.
 - Record keeping of fresh oil and used oil at CNG Station.
 - Record keeping of Receipt and dispatch of fresh oil/used oil/DM Water.
 - Checking of CO2 Flooding system condition
-
- Any abnormality seen during the inspection shall be reported immediately to BGL EIC /BGL control room and immediate action shall be taken in consultation of BGL EIC.
 - Any leakages observed in gas, oil & water circuits shall be immediately attended before starting the compressor. If it is a major complaint, then immediately it should be reported to BGL EIC/ BGL control room.
 - The Logbooks (if applicable) shall be in the scope of the Contractor. Any abnormal values or deviation from standard specified values in the parameter readings shall be reported to BGL EIC immediately and the same shall be addressed on priority in consultation of BGL EIC.
 - The CAMC agency shall carry out topping-up of oil, coolant/water as and when required. Also, shall carryout draining of oil at regular intervals as per OEM guidelines and as directed by BGL EIC.
 - The CAMC agency shall be vigilant and report for any abnormal/unusual sounds coming from the compressor & its prime mover.
 - Regular cleaning of the compressor package to ensure highest upkeep of the machine and its accessories including cascades and tubing installation.
 - All consumables required for day-to-day operations is in the scope of bidder only. Based on the make/ type/ model service provider has to obtain lubricants with respective compressor OEM's.
 - The contractor shall ensure running of the machine round the clock on shift basis of CNG Compressor, Air compressor and other associated equipment as per OEM recommendations in order to ensure smooth operation and minimize downtime of the Compressor packages.
 - Bidder shall be responsible for procuring OEM-recommended lubricants for daily top-up of the compressor packages at various locations.
 - In Hyderabad, at least one dedicated Engineer to be provided & shall be responsible for supervision and smooth running and CAMC of compressors at CNG Stations.
 - The supervising engineer shall monitor & ensure the technicians schedule, availability & check the performance of machines, assist in troubleshooting of compressors, ensure preventive maintenance is carried out as per schedule, submission of reports, Report breakdown of equipment within 10 minutes, maintain consumables and spare parts. The supervisor shall also impart training as per SOP to the technicians (ie. Retail outlet filler boys) before inducting into regular operations.

- Bidder to provide the Weekly Progressive report of Hyderabad GA, for respective stations; under the scope of bidder for daily monitoring the compressors & parameter like gas loss, pressure, temperature, fuel consumption, oil level, oil top up & oil drain etc.
- Bidder shall ensure visit of maintenance team for any abnormalities & oil top up.

4) Scope of comprehensive maintenance of CNG compressor packages:

The scope/specification covers the minimum specified requirement for various activities to be carried out by the service provider towards comprehensive maintenance Services of various CNG Compressor packages installed at various CNG stations as per the location's list provided in the tender document.

The comprehensive maintenance Services scope includes but not limited to the following:

- 4.1 Any spare parts required during the contract period shall be supplied by contractor free of cost. Further, all the consumables, Lubricating oil, coolant, sealant, man power, DM water, housekeeping etc. required for carrying out the comprehensive Maintenance of the complete compressor package during the contract period, including periodic, breakdown maintenance for continuous and uninterrupted running of the compressor packages shall be in scope of the contractor and shall be kept in stock. Electricity shall be supplied free of cost to the contractor.
- 4.2 The contractor shall be keeping a minimum specified spares of specified quantity (as per Annexure – I attached) at all the GA sites or nearby locations.
- 4.3 **Equipment under CAMC is as below:** CAMC will be not limited to the equipment's listed below: list of compressors to be added
- 4.4 Including other accessories like Air compressor, Fire & Smoke detector, water motor pumps/ radiators/ Heat/Air exchanger, CO2 flooding system and Instrumentation & control panel, mass flow meters, PLC etc., related to the above CNG Compressor packages.
- 4.5 The contractor shall have to keep all the spares, consumables, lubricants, coolant etc. required for carrying out periodic, breakdown, emergency maintenance etc. of the CNG compressor package including the priority panels, electrical panels, air compressors, leak detection system, CO2 flooding system, CNG compressor, heat exchanger, PLC of compressor package, CNG piping around the compressor area and other auxiliaries with the CNG compressor package, air compressor etc., which were supplied by compressors package supplier, so as to minimize the down time of the equipment.
- 4.6 The old/ damaged parts which are replaced by the contractor along with the used oil are to be taken by the contractor after replacement, on obtaining valid gate pass from BGL authorities.
- 4.7 The contractor has to follow the Hazardous Waste Management Rules 2016 issued by MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE vide Notification dated 04.04.2016 for handling and transport of Used Oil from BGL locations.
- 4.8 Non-availability of compressor package for non- availability of spares shall be liable for penalty as per clause no 14 of SCC.
- 4.9 All tools, tackles and fixtures required for carrying out the above maintenance of the

compressor packages shall be in scope of the contractor. Contractor shall maintain exclusive toolboxes for each location. The scope will also include handling equipment like crane. Forklift chain pulley block, etc required during any maintenance activity.

- 4.10 Any expert services required from principal company or OEM (of any equipment in the package) shall be arranged by the contractor or his agent at his own cost. All arrangements like phone, fax, computer, internet etc required for correspondence with above personnel shall be arranged by the contractor.
- 4.11 Submission of monthly PREVENTIVE, SCHEDULED and BREAKDOWN maintenance reports to EIC of respective location along with supported documents.
- 4.12 Ensure 97% availability of each package on monthly basis.
- 4.13 The maintenance team shall repair any unplanned/emergency maintenance of equipment installed at CNG Station.
- 4.14 The contractor shall use only 100% genuine OEM's certified spares during maintenance. In case, the schedule maintenance of the OEM manual recommends checking and replacing parts like valve springs, valve plates, piston rings etc. after certain time interval, same shall be replaced or used. Any untoward consequences due to non-replacement of such parts shall be the responsibility of the contractor.
- 4.15 During preventive maintenance/ handing over of machine, any wear limits of all components of compressor package will be determined/ analyzed on pro rata basis from the last date of spare replacement and considering total running hours of machine. Joint decision for replacement of parts will be taken with due consideration to total running hours of package.
- 4.16 A detailed report of all spares & consumables used have to be maintained by the contractor, having details of part no, quantity used, date, expected running hours before replacement, etc. The same has to be submitted monthly to BGL.
- 4.17 All routine and periodic checks/ inspections required to be done as per OEM recommendation shall be done by the contractor. Instruments required for above inspection like vernier caliper, micrometer screw gauge, fill gauges, bore gauge, vibration meter etc. shall be in scope of the contractor and these instruments shall be calibrated every year.
- 4.18 All spare parts to be replaced in the compressor package should be brand new and unused. However, repair of valves and packing assembly shall be permitted. Random Inspection of spare part to be utilized in the CNG Compressor may be carried out by BGL'S representative.
- 4.19 All routine leak checks/inspections of the associated SS tubing, fittings valves and hoses outside the compressor package (i.e. inlet & outlet of compressor), which are part of Chicago pneumatic compressors supplied packages, shall be done by contractor.
- 4.20 The contractor shall ensure that compressor running parameters are recorded in daily log book including all vital parameters and Maintenance records of preventive and scheduled maintenance and spare used. The format of log book to be finalized in consultation with EIC in line with OEM specification/recommendations. All stationery including the printed material shall be in scope of the contractor.
- 4.21 The contractor shall submit a copy of the monthly /quarterly and yearly maintenance reports to the EIC in both soft and hard form including safety interlock checks. All stationary including the printed material shall be in the scope of the contractor. None

of the interlocks should be bypassed for normal CNG operations. Prior approval of EIC (EIC has to follow BGL maintenance policy for the same), has to be obtained, in case the same is unavoidable. The same should be rectified by contractor, within a weeks' time. A separate register is to be maintained for recording the time of occurrence and time of rectification and the same should be signed by the EIC for each such event.

- 4.22 The entire maintenance / inspection job carried out by the contractor shall be recorded and the report of the same shall be jointly signed by owner representative.
- 4.23 If availability of 97% in a month is not achieved and/or the engine fuel consumption or compressor losses are exceeding the values in the curves plotted against time, with commissioning date as origin, then the mutually agreed corrective actions have to be taken to ensure availability and healthiness of equipment.
- 4.24 The contractor shall carry out yearly calibration of safety relief valves, pressure gauges, transmitters and switches etc, and gas detectors & flame detectors once in 06 months.
- 4.25 Calibration shall be done from government approved laboratories and shall be carried out at least 15 days prior to the calibration due date. In case of POP-UP of any valve, the same has to be calibrated immediately.
- 4.26 The contractor shall carry out retesting of pressure vessels periodically as per gas cylinder rules 1981 or static & mobile pressure vessels rules for the vessels supplied by Chicago pneumatic compressors in the CNG Compressor packages.
- 4.27 The periodic maintenance required to be done as per OEM recommendation shall be taken up promptly. The contractor shall plan such maintenance during non-peak hours and in consultation with the engineer-in – charge of owner. Any maintenance that needs to be taken up shall be well planned in advance with due approval of the EIC. The scope shall include preparation of maintenance schedule for carrying out the maintenance during the contract period.
- 4.28 In case, the schedule maintenance of the OEM manual recommends checking and replacing parts like valve springs, valve plates, piston rings etc. after certain time interval, same shall replacement in the presence of OWNER representative.
- 4.29 In general, the contractor has to carry out full Comprehensive Maintenance of the compressors make CNG packages at the CNG stations, thereby making available the equipment's in running conditions at all times, through supply of adequate experienced technicians, OEM spares, OEM recommended consumables and any other specialized service.
- 4.30 Hydrotest, as per statutory requirements if applicable (once in three years) , of pressure vessels as per applicable codes (ASME Section VIII) installed in Compressor packages shall be in the scope of this contract.
- 4.31 Zero calibration of mass flow meters shall be carried out on a half-yearly basis. BGL will provide an FCRI-calibrated master prover for the verification of the mass flow meters. It shall be the sole responsibility of the contractor to make all necessary arrangements for checking the meters installed in the compressor packages. Any repair, rectification, or adjustment required to ensure the proper functioning and accuracy of the mass flow meters shall be entirely within the scope of the bidder
- 4.32 Any PLC part, electrical part failed due to abnormal voltage fluctuation in main incoming power to PLC system.
- 4.33 Contractor shall have to arrange the hydro testing of the Co2 Cylinders of flooding

- system as per NFPA/ OISD standards.
- 4.34 The service provider shall conduct periodic internal and external cleaning of radiators. Any required services, such as welding/brazing, drilling, cutting, plugging, tube cleaning, or chemical cleaning, shall also fall under the service provider's scope. All hot work, including welding, cutting, or drilling, is the responsibility of the service provider.
- 4.35 The service provider must ensure that all necessary spares, consumables (e.g., cotton waste, cleaning solvents, insulation tape, thinner, soap solution, grease, Teflon tape), and tools (e.g., multimeter, soldering gun, torque wrench, power extension board) are available on-site. Non-sparking tools and flameproof equipment must be used for maintenance in hazardous areas.
- 4.36 All software related works, installation/removal/reinstallation of original program and arrangement of original program wherever required etc.
- 4.37 Contractor shall confirm to BGL about their availability to carry out Preventive Maintenance as per the schedule finalized along with BGL EIC. BGL will depute its person in case they wish to witness the work.
- 4.38 Contractor's personnel shall inform the exact time duration needed for carrying out the maintenance to BGL EIC. The Contractor shall get familiarized of the work to be executed and obtain all necessary permit/approval/clearance/authorization to carry out the work from BGL EIC before starting work at the CNG Station.
- 4.39 Contractor shall obtain/collect all necessary permits from BGL EIC for the work to be performed. Contractor will understand and seek explanation if not understood properly about safety requirements and provisions of work permit/license to work. After completion of work, the work permit needs to be closed by the Contractor to CNG Control Centre/Master Control Room. Contractor will seek extension of work permit or apply for fresh work permit as applicable from BGL EIC as and when required.
- 4.40 The Contractor shall ensure availability of Multimeter, soldering gun, torque wrench, power extension board, Special Tools and Tackles for opening of valves/piston/piston rods etc. at site before commencing maintenance work. Special tools shall be arranged by the Contractor.
- 4.41 The Compressor technician /Maintenance team shall record the Compressor performance parameters before and after carrying out the maintenance in the service report. Any deterioration in the performance parameters observed after carrying out the Maintenance, will attract penalty as defined in this document. After completion of work, the Contractor shall produce the compliance report to BGL within 24 Hrs. duly signed by BGL EIC. The downtime agreed for each type of Preventive Maintenance shall be adhered to.
- 4.42 On receiving information from the Compressor technician or retail outlet representative or BGL Control Room, Contractor shall dispatch its centralized Maintenance team to attend and rectify/repair the Compressor. Such services shall be provided on 24 x 7 basis. The breakdown response time of each complaint shall be maximum 45 mins for stations within city and 120 minutes for the stations located in outskirts of city. Non-compliance of this SLA will attract penalty as defined in this document. Accordingly, the maintenance teams shall be strategically located. For Hyderabad GA the response time is to be read as 60mins. Failing which a penalty of Rs.500/- per instance shall be deducted from the RA bills.

- 4.43 Upon reaching the CNG station, the Contractor personnel shall contact BGL CNG control room to report his attendance on site and confirm the breakdown.
- 4.44 After attending & solving the complaint, the Contractor shall inform to BGL Control room and BGL EIC will sign the service report after the complaint is fully attended.
- 4.45 Machine Canopy Repairing and painting. Painting of canopy once in contract period or 03 years to be done is in Bidder Scope.
- 4.46 Principal parts of packages like crankcase, distance pieces, compressor cylinders, pressure vessels, mass flow meters, electric motor, Heat exchangers, etc., replacement during breakdown and preventive maintenance including top and major overhauling is in Bidder Scope.
- 4.47 The bidder shall take into account into top overhauling or major overhauling of the compressors that are due for immediate maintenance also in his scope. All costs associated with such overhauling shall be deemed to be included in the quoted rates and no additional claims shall be entertained.
- 4.48 If there is any breakdown/malfunction in PLC and a new software/ software license renewal is required to restore the PLC working, the same shall be in Bidder scope. Also, all PLC software updating including (renewal/alterations/modification) is in Bidder Scope.
- 4.49 All parts replaced by the Contractor during the above contract period shall be properly packed and to be returned to BGL.
- 4.50 The Contractor shall submit a copy of the daily / weekly / fortnightly / monthly / bio-monthly / quarterly and yearly performance report to the EIC in both soft and hard form. All stationery including the printed material shall be in scope of the Contractor.
- 4.51 Package loss should not be more than 0.5% .
- 4.52 Contractor shall provide First Aid box at site. If the bidder fails to arrange the same, then a penalty of Rs.500/- per compressor per month and same will be levied from his RA Bills.
- 4.53 The incomer cables from BGL electrical room to Compressor and the UPS is in the scope of bidder.
- 4.54 For efficient monitoring of services, contractor shall provide GPS Tracking devices to the maintenance technicians & vehicles to give access of application to the supervising engineer & BGL representatives.
- 4.55 Comprehensive maintenance contractor shall report to BGL within 2 days of receipt of spare parts & BGL may carry out inspections & verify the genuineness of the parts.
- 4.56 Ensuring the Genuine OEM Parts & consumables shall be the sole responsibility of the contractor & although BGL/it's representative at it's discretion inspect on random basis. BGL reserves the right to inspect 100% of parts/consumables supplied/procured by the contractor.
- 4.57 However this does not absolve responsibility of the contractor to ensure genuineness of spare parts/consumables.
- 4.58 Electrical parts/components shall be procured from reputed makes like Schneider, ABB and L&T.
- 4.59 Bidder shall procure the spares from OEM of respective compressor package manufacturers or arrange 100% genuine parts for carrying out the maintenance of the compressor packages.
- 4.60 Wherever feasible, integration with BGL's SCADA/monitoring systems shall be ensured.

- 4.61 Oil/lubricant condition analysis. Reports of the above condition monitoring activities shall be submitted to BGL EIC along with preventive maintenance reports.
- 4.62 Contractor shall strictly adhere to response times as defined in the Scope of Work.
- 4.63 An escalation matrix (Operator/ technician → Supervisor → Area In-Charge → Head of Operations) shall be shared with BGL within 07 days of LOA.
- 4.64 Delay in reporting or attending complaints beyond the defined SLA shall attract penalties as per SCC.

5) SCHEDULED MAINTENANCE:

- 1). All activities required to be carried out as per instruction of EIC.
- 2). All kind of machinery, tools, special tools, tackles and consumable items required to complete the above job are in the scope of the contractor.
- 3). De-coupling of starter motor/ electrical lockout of starter motor to be done before proceeding.
- 4). Complete depressurizing of the equipment along with pipe fittings before proceeding with maintenance.
- 5). Contractor shall carry out the scheduled maintenance as per O&M Manuals
- 6). Vibration condition Monitoring will be carried out once in a year.
- 7). The periodic maintenance required to be done as per OEM recommendation shall be taken up promptly. The Contractor shall provide the detailed preventive maintenance & break down repair schedule along with
 - a) Estimated down time required for each type of maintenance schedule.
 - b) List of spares and their quantities required for each type of maintenance schedule per compressor.
 - c) Type and number of man days required for each type of maintenance schedule per compressor.

6) Overhauling of the package :

- 1.0 Top and major overhauling of compressor package is in the scope of bidder only.

7) General: contractors' responsibilities:

The CAMC maintenance services shall be provided in terms of shift pattern on round the clock basis.

- a. The Contractor shall deploy adequate number of technicians/ technicians/ engineers as well as tools & tackles for smooth and proper maintenance of the compressors provided in terms of the contract. In case required to meet operational requirements, the Contractor shall augment the same as per direction of Engineer-in-Charge.
- b. The Contractor is required to carry out all services as mentioned in the Scope of Services and Schedule of Rates on all the 365 days including Sunday and all holiday and around the clock
- c. The Contractor shall allow weekly rest and daily working hours to his workmen as per the relevant Act / Law / and Rule made there under. However, no work shall be

left incomplete / unattended on any holiday / weekly rest. Technician / operator provided shall have minimum qualification of ITI & requisite experience. Contract in person or his authorized representative shall provide the services on daily basis to interact with Engineer-in-Charge and deployed workmen.

- d. The workforce deployed by the Contractor for O&M services at CNG installation shall be of sound relevant technical professional expertise which is otherwise also essential from the safety point of view of the personnel of the Contractor as well as for the installation.
- e. Contractor has to ensure the safety of man and machine all the times. Damages of equipment due to negligence will be recovered as per the decision of Engineer-in-Charge, which will be final.
- f. Regarding work completion, the decision of the Engineer-in-Charge will be final and binding.
- g. The Contractor shall make his own arrangements to provide all facilities like boarding and transport etc. to his workmen.
- h. All personnel of the Contractor entering on work premises shall be properly and neatly dressed and shall wear uniform, badges while working on premises of the company including work sites.
- i. Contractor shall maintain proper record of his working employee's attendance and payment made to them.
- j. The Contractor's representative/ Supervisor shall report daily to the EIC for day to day working.
- k. All the safety rules and regulations prevailing and applicable from time to time at the installations as directed by BGL will be strictly adhered to by the contractor. Failure to follow the SOP's, safety or other HSE compliance shall attract penalty of Rs.5000/- per instance.
- l. The rates quoted by the Contractor must be inclusive of all taxes & duties except GST. GST to be quoted separately as specified in the SOR.
- m. It will be the responsibility of the Contractor to pay as per the minimum wages of the appropriate government applicable under the Minimum Wage Act 1948 from time to time.
- n. The maintenance services shall be provided in terms of shift pattern on the round the clock basis. The Contractor is responsible to provide effective and efficient services round the clock and assure that there is no disruption in the services for want of any resources.

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- o. The Contractor shall deploy adequate number of technicians at various site offices in consultation with Engineer-In-Charge to provide trouble free maintenance of the compressor packages. Site in charge shall always be available 24 hours on Mobile Phone. Supervisor have to obtain necessary permissions from BGL for outstation journey.
- p. All arrangements for communication from control room to the contract person working on job under the services shall be the responsibility of the contractor, viz mobile.
- q. All the jobs mentioned under scope of services shall be carried out as per sound engineering practices, work procedure documentation, recommendation of the manufacturer and as per the guidelines / direction of engineer-in-charge of authorized representative.
- r. The Contractor shall ensure and will be solely responsible for payment of wages and other dues latest by 7th of the following month to the personnel deployed by him in the presence of the Company's representative and the wages should be distributed through bank and the statement of the wages should submitted along with monthly bills duly certified by Bank.
- s. The Contractor shall be directly responsible and indemnify the company against all charges, claims, dues etc. arising out of disputes relating to the dues and employment of personnel deployed by him.
- t. The Contractor shall indemnify the company against all losses or damages caused to it on account of acts of the personnel deployed by the contractor. The Contractor shall ensure regular and effective supervision of the personnel deployed by him.
- u. The Contractor shall be liable for making good all damages / losses arising out of loss or theft of each handled, leakage, pilferage of any office, furniture equipment fitting and fixtures what-so-ever as may be caused directly or indirectly by the engaged persons through him / work carried out by them.
- v. It is agreed between the parties that if the quality of jobs carried out by the BIDDER are not of standard as required by Company and breach of any of the terms and conditions herein mentioned, the Company is at liberty to terminate this Agreement at the option of the Company by giving one months' notice in the writing to the BIDDER without assigning any reasons thereof.
- w. On the termination of this Agreement, the BIDDER will immediately remove himself and his directly or indirectly employed or deployed manpower from the said premises with all the goods, if any, property and effects belonging to him. The BIDDER shall not cause any hindrance or objection in such circumstances.

- x. BIDDER should submit the trouble shooting & root cause analysis report to BGL, within 4-5 working days from the date of compressor Breakdown, failing to which RA bill will not be processed for the said LOA till the satisfactory report will not receive from bidder.
- y. The bidder shall submit a comprehensive list of spares required for carrying out the CAMC of the compressors, to be maintained at each location (Hyderabad, Vijayawada, and Kakinada) for the entire duration of the contract period.
- z. In addition to the above, contractor must assess the spares (mechanical, electrical, instrumentation) to run the machinery to minimise the breakdown time.
- aa. The bidder shall mandatorily submit the inspection and consumption report along with the monthly invoice. The bidder shall also ensure immediate replenishment of the required material upon consumption.

8) Compliance of Laws

The Contractor deploying 20 (twenty) or more workmen as contract labour shall have to obtain licence from appropriate licensing authority, if required. The Contractor (which shall include the contracting firm / company) shall be solely liable to obtain and to abide by all necessary licenses from the concerned authorities as provided under the various labour laws legislation's including labour license from the competent authority under the Contract Labour ("Regulation & Abolition") Act 1970 and Acts made thereafter.

11). Format To be submitted by Contractor every month to BGL EIC in both soft & hard copy:

A. Compressor Performance Summary (Per GA / Cluster / Station)										
Sr. No.	GA	Station Name	Compressor Make/Model	Availability (%)	Target Availability (97%)	Running Hours	Breakdowns (Nos.)	MTTR (Hrs)	Gas Loss (%)	Remarks / RCA reference

B. Preventive & Breakdown Maintenance Status										
Sr. No.	GA	Station Name	Preventive Maintenance Due (Y/N)	Preventive Maintenance Done (Date)	Breakdown Cases Reported (Nos.)	RCA Submitted (Y/N & Date)	Pending Actions	Remarks		



Bhagyanagar Gas Limited

HIRING CLUSTER BASED COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC) SERVICES FOR SOPAN MAKE CNG BOOSTER COMPRESSORS AT HYDERABAD FOR A PERIOD OF 03 YEARS

Volume II of II

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C. Consumables & Spares Utilization										
Sr. No.	GA	Station Name	Lubricant Consumption (Ltrs)	Coolant Consumption (Ltrs)	Spare Parts Replaced (List with Part No. & Qty)	Balance Stock (Critical Spares)	Remarks			

D. Manpower Deployment & Training										
GA	Cluster	Technicians Deployed (Nos.)	Absenteeism (Man-days)	Relievers Deployed (Nos.)	Training Conducted (Y/N)	Last Training Date	Remarks			

E. Safety & Compliance Monitoring										
Sr. No.	GA	Station Name	Safety Incidents (Nos.)	Mock Drills Conducted (Date)	PPE Compliance (Y/N)	Firefighting /First Aid Training Status	Waste Disposal Compliance (Y/N)	Remarks		

F. Supervisor / Engineer Report Summary									
Highlights of major issues during the month:									
Corrective & Preventive Actions planned for next month:									
Observations on operator performance, training needs, and spares sufficiency:									

SECTION 8: SPECIAL CONDITIONS OF CONTRACT

1.0 GENERAL

- 1.1 SCC shall be read in conjunction with the General Conditions of Contract (GCC), specifications of work, drawings and any other document forming part of this contract the context so requires.
- 1.2 Notwithstanding the sub division of the document into these separate sections and volumes, every part of each shall be deemed to be supplementary of every other part and shall be read with and into the contract so far as it may be practicable to do so.
- 1.3 Where any portion of the GCC is repugnant to or at variance with any provisions of the SCC, then unless a different intention appears, the provision(s) of the SCC shall be deemed to override the provision(s) of GCC only to the extent that such repugnancies of variations in the SCC as are not possible of being reconciled with the provisions of GCC.
- 1.4 Where, it is mentioned in the specification that the contractor shall perform certain work for completing the job in totality or provide certain facilities, it is understood that the contractor shall do so at his own cost and the contract price shall be deemed to have included cost of such performances and provisions, so mentioned.
- 1.5 The intending contractor shall be deemed to have visited the site and gone through the GCC. Non familiarity with site conditions and unawareness of GCC shall in no way be considered a reason for any extra claim or for not carrying out the work in strict conformity with the drawings, specifications or provisions of contract.
- 1.6 In general, this contract is intended for full Comprehensive Maintenance of the Various make CNG compressor packages at the Bhagyanagar Gas Limited(BGL) CNG stations, thereby the contractor making available the equipments in running conditions at all times, through supply of adequate experienced technicians, OEM spares, OEM recommended consumables, tools & tackles and any other specialized service. The services are to be provided as per **CNG Package** basis, which shall include all the equipment under Chicago pneumatic make CNG compressor packages at the station.
- 1.7 The work executed shall be to the satisfaction of engineer-in-charge/ owner.

2.0 ORDER OF PRECEDENCE

- 2.1 In case of ambiguity in Schedule Of Rates (SOR), SCC, GCC, Scope Of Work (SOW) etc. the following order of precedence will prevail:
 - a) Fax of intent /detailed letter of award along with statement of agreed variations and its enclosures and any corrigendum / addendum.
 - b) Schedule of quantities/ rates along with the preamble.
 - c) SCC
 - d) GCC.

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- 2.2 It will be the contractor's responsibility to bring to the notice of engineer-in-charge any irreconcilable conflict in the contract documents before stating the work(s) or making the supply with reference which the conflict exists.
- 2.3 In the absence of any specifications covering any material design of work(s) the same shall be performed/supplied/executed in accordance with standard engineering practice as per the instruction /directions of the engineer-in-charge, which will be binding on the contractor.

3.0 DEFINITIONS

- 3.1 The engineer-in-charge shall mean the engineer-in-charge nominated by the BGL and shall include any person(s) acting as in charge on his behalf for each location.
- 3.2 Authorized representatives shall mean any officer/supervisor/consultant/staff of BGL authorized by the head of department.
- 3.3 Where any portion of the GCC is repugnant to or at variance with any provision of SCC, the provision of SCC shall be deemed to over ride the provisions of GCC and shall to the extent of such repugnancy of variation prevail.
- 3.4 CNG Compressor Package: The CNG Compressor includes the CNG Compressor, Gas Engine and all other associated equipment like Air Compressor System, Air Volume bottles, Fire Fighting System (CO2 Flooding System etc.), PRV's, PCV's, Gas filter and interconnecting pipes and any other equipment supplied by chicago pneumatic compressors along with the compressor package.

4.0 TERMS OF PAYMENTS

- 4.1 Payments shall be released by the owner against submission of monthly RA bills in duplicate by the party along with all requisite documents as mentioned below:
- Manpower attendance Summary sheet
 - Salary details/ wage register of invoicing month
 - Details of salary deposit of invoicing month.
 - EPF and ESIC challan with ECR of previous month of invoicing month
 - Breakdown/ shutdown report
 - Availability Report
 - Gas Loss Report
 - DPR report
 - Maintenance history sheet with spares received & consumption details
 - Log Sheets
 - Average monthly compression capacity per hr to be submitted package wise
 - Package wise average daily fuel consumption report.

Accordingly, payment shall be made within 30 days from the date of submission of bill/invoice, complete in all respect and duly certified by Engineer-In-Charge of Bhagyanagar gas Limited of respective location

NOTE: IF INVOICE SUBMITTED WITHIN 07TH DAY OF SUBSEQUENT MONTH TO

INVOICING MONTH, salary details/ wage register, salary deposit, EPF & ESIC challan with ECR can be submitted for the month previous to the invoicing month, otherwise EP and ESIC challan with ECR of invoicing month to be submitted.

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The contractor shall be allowed to sublet the service portion of the contract, with prior approval of BGL. Accordingly, Proof of payment through e-banking to employees, PF Challan etc. in duplicate submitted by the approved sub-contractor to Chicago pneumatic compressors shall be acceptable with RA Bills for service portion. However, the RA bill has to be certified and submitted by Chicago pneumatic compressors i.e. bidder/ OEM.

4.2 The RA Bill shall be supported with monthly maintenance reports, Root Cause Analysis (RCA) Report for each Breakdown, Fuel consumption curves of engines and compression losses curves for the month, along with reasons for the deviations from normal Operating Conditions for particular site / specifications.

4.3 Maintenance service charges: Monthly payment on pro-rata basis as certified by engineer-in-charge shall be made against the invoices raised.

4.4 The monthly bills, maintenance reports, breakdown reports and all other services will be on CNG Compressor Package wise basis. The bills and its certification will also be done compressor wise basis.

5.0 COMPREHENSIVE MAINTENANCE SERVICES

5.1 The party must follow the maintenance requirement as stated below in SCC, but not limited to and ensure to provide trouble free services to the satisfaction of the owner.

6.0 ACCOMMODATION/TRANSPORTATION/MEDICAL

6.1 The contractor shall make his own arrangement for the accommodation of his personal at respective locations and subsequent transportation arrangement for them from their place of residence to work place or any other place as required and company shall have no obligation in this respect. The company shall not be responsible for providing any medical assistance to the contractor's personnel.

7.0 DISCIPLINE

7.1 The contractor shall be responsible for the discipline and good behavior of all his personnel deployed in the service contracted out and should any complaint be received against any of his employee, he shall arrange to replace such persons within 24 hours of notice issued by the engineer-in-charge. The decision of the engineer-in-charge in this matter shall be final and binding on the contractor.

8.0 GATE PASS

8.1 The contractor and/ or approved sub-contractor shall arrange to supply/ renew identity card & Police Verification of his work force at his own cost. Those contractor's personnel shall be required to carry their respective identity card at all times while on duty and produce on demand.

9.0 RIGHT TO GET SERVICES CARRIED OUT THROUGH OTHER AGENCIES

9.1 Nothing contained herein shall restrict owner from accepting similar service from other agencies, at its discretion and at the risk and cost of the contractor, if the contractor fails to provide the said services any time.

10.0 SUB- LETTING OF CONTRACT

10.1 Sub-letting of the service portion contract may be permitted subject to due approvals from Bhagyanagar Gas Ltd, however, the overall responsibility of the contract will remain with the Main Contractor. However, the sub-contractor shall have the min. experience of 02 years in providing the CAMC services to similar type of compressor packages.

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11.0 CONTRACT PERIOD AND MOBILIZATION PERIOD:

- 11.1 The overall period of contract shall be 03 years from the date of mobilization. Further, Bhagyanagar Gas Limited may extend the contract for a further period of 6 months under the same rates conditions.
- 11.2 **Mobilization** shall mean establishment of sufficiently adequate manpower, machinery, tool, tackles and spares at site as per the contract.
- 11.3 **Mobilization Period:** As the majority of CNG compressors are already under comprehensive O&M contract with M/s sopan O&M company pvt ltd, as per the EIC instruction with in 01 week or from the date of issue of FOA/LOA.

12.0 INDEMNITY AGREEMENT

- 12.1 The contractor shall exclusively be liable for non-compliance of the provision of any act, laws rules and regulations having over engagement of workers directly or indirectly for execution of work and the hereby undertake to indemnify the company against all actions, suits, proceedings , claims, damages, demands ,losses etc. which may arise under minimum wages act, payment of wages act, workmen compensation act, personnel injury, ESI act, employees provident fund act, family pension and deposit linked insurance scheme or any other act or statutes for the persons engaged under this contract (a certificate to this effect shall be submitted by the contractor immediately on receipt of LOA).

13.0 CONTRACTOR'S RESPONSIBILITY

(a) Employment liability of contractor:

The contractor shall ensure and will be solely responsible for payment of wages and other dues latest by 7th of the following month to the personnel deployed by him in the presence of company's representative. All wages /salaries to employees shall have to be transferred by the contractor directly to employees' bank accounts.

The contractor shall be directly responsible and indemnify the company i.e. BGL against all charges, claims, dues etc. arising out of dispute relating to the dues and employment of personnel deployed by him.

The contractor shall indemnify the company against all losses or damages caused to it an account of acts of the personnel deployed by the contractor. The contractor shall ensure regular and effective supervision of the personnel deployed by him.

The contractor shall be liable for making good damages/ losses arising out of loss or theft of each handled. Leakage pilferage of any office, furniture equipment fitting and fixtures what- so-ever as may be caused directly by the engaged persons through him/ work carried out by them. However, the contractor shall not be liable for consequential damages.

14.0 PENALTY CLAUSE:-

- A1. The contractor has to ensure min. 97% availability of each package cumulative on monthly basis. The maximum allowable 3% downtime shall include cumulative downtime for breakdown

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maintenance and any other related activity excluding OEM recommended major and top overhauling maintenance, preventive maintenance of the compressor packages . Cumulative Non-availability of any machine over and above 3% will attract penalty as given below.

- | | | |
|---|--------------------------------|--------------|
| 1) Break-down time-up to 8 hours in a month | - | No penalty |
| 2) Break-down beyond 8 hours till 16 hours in a month | - | Rs 5,000/- |
| 3) Break-down beyond 16 hrs till 24 hours in a month | - | Rs 10,000/- |
| 4) Break-down beyond 24 hrs till 48 hours in a month | - | Rs 20,000/- |
| 5) Break-down beyond 48 hrs till 72 hours in a month | - | Rs 30,000/- |
| 6) Breakdown beyond 72 hrs in a month | - | Rs. 40,000/- |
| 7) Continuous Break-down beyond 72 hours till 360 hrs in a month- | 25% of Monthly Invoice value | |
| 8) Continuous Break-down beyond 360 hrs in a month | - 50% of Monthly Invoice value | |

(For example in a month having 30 days (30x24= 720 hrs), Maximum allowable down time without penalty will be 3% of 720 hrs i.e. ~22 hrs.)

In case there is a continuous break down beyond 72 hrs & upto 15 days, 25 % of monthly invoice value of concerned package will be deducted from monthly invoice. In case breakdown is prolonged beyond 15 days, 50% of monthly invoice value of concerned package will be deducted.

In any case/ any situation, total penalty will be limited to 50% of monthly invoice value of concerned package.

The calculations for levy of penalty as mentioned above shall be calculated on CNG Compressor wise basis for each month for each locations of Bhagyanagar Gas Ltd.

Monthly allowable days for preventive maintenance of compressor package is max.24 hrs. Beyond that specified time shall be treated as breakdown and penalty shall be calculated as mentioned above.

A2. Non-availability of manpower in any shift/any workplace will not be tolerable. The BIDDER will be penalized for each such act as follows:

For non-availability of compressor operator, PPE, Uniform = 1% of Max. Invoice value of Single Pkg. per Instance & Max. amount will be penalized up to 5% of the Max. Invoice value of each package in a month.

If the BIDDER fails to provide PPE and Uniform to his manpower after stipulated time, BGL will provide the PPE and Uniform at his risk and cost considering original invoice value plus 20% overhead charges which will be recovered from BIDDER.

We at BGL will not tolerate any kind of Indiscipline act at the premises from the BIDDER employee's during the service time. If any such incident happens, the BIDDER will be penalized 2% of the Max. Invoice Value per instance & Max. amount will be penalized up to 5% of single package invoice value.

For any IR (Industrial Relation) issue (like strike by technicians / technicians for wages, union issues etc.) CNG station operation / maintenance stopped, BIDDER will be penalized Rs. 25,000/Instance and . Max. Caping is up to Rs. 1,00,000 / Month.

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Package Gas Loss: Service Provider shall ensure that any action to limit gas losses within 0.5% is taken within 7 days from detection of gas loss. Any loss over and above 0.5% will be recovered from service provider for a period after 7days. Reconciliation of gas (gain or loss) will be done at average on monthly basis for individual package. In case OEM presumes MFM is faulty, then BIDDER must prove that MFM is faulty within 7 days' time period and BIDDER has to check the accuracy of MFM. If require BIDDER must repair/replace it within 7 days. If BIDDER fails to prove that BGL will consider the MFM reading is accurate. However, in any Case/any situation, total cumulative penalty from all accounts (i.e. from gas loss, break down time, statutory requirements etc.) will be limited to 50% of monthly invoice value of concerned package for concerned month only. Beyond 0.5%, BIDDER has to compensate the amount @10 per Kg. during the O&M period. The amount will be deducted from monthly RA bill.

Calculation of gas loss % for GED= ((suction MFM qty-(discharge MFM qty + Fuel MFM qty))/Suction MFM qty)*100

Recovery amount =(total gas loss qty month-allowable gas loss qty per month)*10

Calculation of gas loss % for EMD= ((suction MFM qty-discharge MFM qty))/Suction MFM qty)*100

Recovery amount =(total gas loss qty month-allowable gas loss qty per month)*10

In case Booster compressors:

Penalty towards Excess Fuel Consumption:

At the start of O&M period or even at any point of time during the O& M period, cost towards excess fuel consumption beyond quoted figure shall be deducted from O&M bills.

Following calculations shall be used for deduction towards excess fuel consumption.

$$F = (G-Q) \times H$$

Where,

F= Monthly penalty in Rs.

G= Monthly Actual Gas Consumption kg

Q= Guaranteed consumption rate quoted by supplier based on gas composition, on monthly basis

H=Cost of Natural Gas @ Rs 10 Rs per kg for the monthly consumption

BGL will allow 5% Excess fuel Consumption of guaranteed parameter consumption on 5 years old packages and 10% excess fuel consumption on more than 10years old Packages.

15.0 DEFECT LIABILITY – upto 90 days beyond the completion of work order.

16.0 SPECIFICATION

Work shall be carried out as per the O&M manuals of the OEM.

17.0 COMPLETION/ FINAL CERTIFICATE

Citi wise FOAs / LOAs shall be issued by Bhagyanagar Gas Limited.

The Completion/ Final Certificate shall be issued by EIC on successful and satisfactory completion of O&M contract upon application by contractor

SPECIAL WORK CONDITIONS:

1. BIDDER should ensure his technicians to get trained properly and possess STC card before deploying at site. Without STC training operator should not allow to do the CNG compressor operations.
2. BIDDER will select the compressor technicians and before deployment at BGL sites, BGL representative will take the Interviews of the technicians for the respective site as mentioned in tender.
3. BIDDER should provide its photo identity card to all the employees deployed for compressor maintenance. These I-card /Batch are to be constantly displayed during duty hours. The ID card should be reissued immediately in case of loss or damage.
4. Shuffling of technicians from one location to another in consultation with EIC / BGL representative instructions.
5. Office/control room set up for co-ordination & to run the smooth O&M operations.
6. One dedicated Office set up along with manpower for 24 Hrs to co-ordinate day to day O&M activities along with all instruments, Phones, PC's, Net Facility, equipment's, special tools & tackles and 100% availability of spares around the clock.
7. BIDDER shall provide uniform (Both T-Shirt/Shirt + Trouser are mandatory) & PPEs (Good quality safety shoes, helmets, Raincoat, Gloves etc.) to All the services as approved by BGL & All services / attendants shall wear uniform and PPEs. At the time of duty, Workers without proper uniform & PPE penalty will be imposed.
8. Contractor shall submit a consolidated Key Performance Indicator (KPI) Dashboard to BGL every month covering:
 - Compressor availability (%) vs. 97% target.
 - Number of breakdowns and mean time to repair (MTTR).
 - Gas loss %, oil/coolant consumption trends.
 - attendance and training compliance

Format of the KPI Dashboard shall be finalized with BGL EIC within one(01) month of commencement of services.

9. Root Cause Analysis (RCA) & Breakdown Reporting : RCA reports shall be submitted for all breakdowns exceeding 04 hours within 48 hours of restoration. The report shall include cause, corrective action, preventive action, and timeline for recurrence avoidance. Failure to submit RCA within stipulated timelines shall attract penalties and withholding of RA bills until compliance.
10. Contractor shall ensure full compliance with PESO, OISD, and other applicable statutory regulations.

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11. Use of flameproof, intrinsically safe tools and mandatory PPE is compulsory during all activities.
12. Disposal of used oil, filters, and other hazardous waste shall be carried out strictly through State Pollution Control Board authorized vendors, with records submitted quarterly to BGL.
13. BGL reserves the right to conduct random audits/inspections of spares, consumables, and service quality. bidder shall extend full cooperation and furnish all required documents during such audits.
14. Bidder has to use of 100% genuine i.e. OEM-recommended spares, and the same is verified during the execution stage through documentation, inspection, and performance checks.
15. Also, BGL reserves the right to inspect and verify the spares used at any stage of the project to ensure full adherence to OEM standards.
16. Further, the bidder has to provide adequate evidence or commitment to ensure the exclusive use of OEM-recommended spares along with technical bid.

STATUTORY & LEGAL COMPLIANCES:

1. The BIDDER shall comply with the provisions of all the applicable labour laws, particularly following Acts and any amendments/modifications there-to or any other law relating there-to and rules and thereunder from time to time and comply with all provisions applicable there-in and/or make all the payments specified therein.
 - a) Payment of Wages Act 1936. (Central Wages)
 - b) Workmen's Compensation Act 1923.
 - c) Industrial Disputes Act, 1947
 - d) Minimum wages Act 1948
 - e) Employees State Insurance Act 1948
 - f) Maternity Benefit Act 1961
 - g) Mines Act 1952
 - h) Employees provided funds and Misc., Provisions Act 1952.
 - i) Contract Labor (Regulation and Abolition) Act 1970
 - j) Payment of Bonus Act, 1965
 - k) Factories Act 1948
 - l) Shops and Establishment, Factories Act
2. The BIDDER shall be fully responsible for complying with the provisions (including documentation and submission of Reports on the above to the concerned authorities) and shall indemnify the Company from any such lapse for which the Government/statutory authorities hereunder may take action against the BIDDER and/or the Company.
3. The BIDDER shall be liable to pay his contribution and his employee's contribution to the State Insurance Scheme, Provident Fund Authorities, etc. in respect of all his employees for the performance of his obligations under this Agreement in accordance with the provisions of the Employees' State Insurance Act, 1948. Employees Provident Fund and Miscellaneous Provisions

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Act 1952 as amended from time to time. The PF no. & payment details of each employee are to be presented with the monthly bills.

4. In case the BIDDER fails to submit and/or pay full details of his labor employed and the contributions payable, the Company shall recover from the monthly Bills of the BIDDER the amount of the shortfall in contribution assessed by the concerned authorities. The amount so recovered shall be paid to the concerned authorities against the actual contribution payable to Employees State Insurance or Employees Provident Fund, etc
5. The monthly PF, ESIC challans etc. to be presented along ECR statement with the monthly RA bills. Also, Individual PF & ESIC Nos. of all contractual employee to be submitted to BGL otherwise RA bills will not be process for releasing the payments.
6. The BIDDER will be responsible for making the salary directly to the bank account of the employees by 7th of each month from his own sources and subsequently raise bill for reimbursement which will be verified on the basis of actual amount disbursed and attendance etc. and the concerned bank statement should be readily available with the BIDDER and can be asked for verification by client any time.
7. The BIDDER shall deploy at his own cost suitably qualified persons for all the jobs required to be carried out by him under this Contract.
8. All payments shall be made by the BIDDER to his employees in accordance with the various Rules and Regulations stated above. The BIDDER shall keep the Company indemnified from any claims whatsoever inclusive damages/costs or otherwise arising from injuries or alleged injuries or to death of persons employed by the BIDDER.
9. The BIDDER shall provide the manpower as per BGL's requirement as mentioned in the clause mentioned in the general work description. If the services is absent for any reason, it is the duty of BIDDER to immediately provide the replacement . If BIDDER fails to do so, Penalty will be imposed as per the penalty clause.
10. The BIDDER shall, at his own expense, comply with the Model rules of labor welfare framed by the Govt. /Statutory Authorities under the various labor laws from time to time for the protection of their health, etc. In case BIDDER fails to make arrangements as aforesaid, the Company shall be entitled to do so and recover the cost thereof from BIDDER.
11. The insurance for the following will be covered and paid by BIDDER and he shall indemnify the Company and hold the Company harmless in respect of all and any expenses arising from any injury and/or damage in respect of:
12. Workmen's compensation and risk of accidents of BIDDER's own employees.
13. Risk of accident of BIDDER's own employees, representatives, sub- contractors and agents' property of third parties arising out of the acts of BIDDER's employees, representatives, sub- contractors and agents.
14. The BIDDER will be fully responsible for complying with all relevant provisions of the Contract Labor (R&A) Act, 1970, including registering himself / themselves under this Act and shall pay rates of wages and observing hours of work and conditions of employment according to rules in-force from time to time.
15. The BIDDER shall observe and implement all the laws of the land, and the rules framed there under for the staff employed by him and the Company shall in no event be liable or responsible for any default or non-observance of such laws / rules on the part of the BIDDER.

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16. Bidder shall provide insurance coverage (accidental, medical, and life) for all deployed manpower and submit proof to BGL along with first RA bill.

SPECIAL CONDITIONS OF CONTRACT:

1. The services shall be provided in terms of shift patterns as mentioned below.
2. The BIDDER is required to carry out all services as mentioned in the scope of service and schedule of rates as mentioned in the service order on all the 365 days including Sundays, All Holidays & National Holidays.
3. The BIDDER shall allow weekly off to his workmen and daily working hours will be fixed as per relevant Act / Law and rules made there under. However, no work shall be left incomplete / unattended on any holiday / weekly rest. The BIDDER or his authorized representative shall interact with the Engineer In-Charge daily for smooth running of all the stations.
4. Regarding work completion, the decision of the Engineer In-Charge shall be final.
5. The BIDDER shall make his own arrangement to provide all facilities like accommodation and transport etc. to his workmen. BGL does not make any commitment to provide his employees with facilities such as office accommodation, transport, canteen, tea, telephone etc.
6. The BIDDER will strictly adhere to all the safety rules and regulations prevailing and applicable from time to time at the installations as directed by BGL.
7. It is the responsibility of the BIDDER to pay wages as per the minimum wages as per central wages of the appropriate government rules applicable under the minimum wages act 1948. Weekly Off to be provided to the employee as per Local Labor Laws and Reliever is in the scope of BIDDER.
8. Overtime to be paid by BIDDER as per Local Labor Laws applicable to work location / sites and NO separate payment will be made against overtime by BGL.

The current minimum wages applicable as per the Minimum Wages Act 1948. i.e., Bidder shall apply central wages for deployed staff.

****Any Statutory variation in minimum wages and other applicable statutory requirement as per Minimum Wages Act 1948 shall be paid by contractor to deployed staff. **. Bidder to consider all possibilities and submit the quote accordingly.**

BGL will not pay any statutory variation and national holiday's payment to the Contractor. The rates quoted by the bidder remains firm during the entire contract period.

9. BIDDER has to pay the National Holidays payment as per the labour laws, no separate payment will be paid by BGL.
10. If the BIDDER finds any discrepancy in the bill payment from company, such discrepancy should be brought to the notice of the Company within 3 months from the date of such payment failing which the said discrepancy will be ignored, and the BIDDER will not be entitled to any payment therefore. This right of the Company is without prejudice to any other right; the Company is

having under this agreement or in law.

- 11 Nothing herein contained shall prevent the Company from engaging any other BIDDER(s) to carry out the work similar to the work entrusted to the BIDDER(s).
- 12 It is agreed between the parties that if the quality of jobs carried out by the BIDDER are not of standard as required by Company and breach of any of the terms and conditions herein mentioned, the Company is at liberty to terminate this Agreement at the option of the Company by giving one months' notice in the writing to the BIDDER without assigning any reasons thereof.
- 13 On the termination of this Agreement, the BIDDER will immediately remove him and his directly or indirectly employed or deployed services from the said premises with all the goods, if any, property and effects belonging to him. The BIDDER shall not cause any hindrance or objection in such circumstances.
- 14 All relevant formats (ISO/ SAP), reports, logbooks, monthly breakdown reports, etc. will be in the BIDDER scope as per direction of Engineer In-Charge and BGL requirement.
- 15 List of critical spares should be available at BIDDER site office during the AMC period and Inventory of the critical spares should be maintained by BIDDER on monthly basis, also updated critical spares list submitted by BIDDER to Engineer –in-Charge on monthly basis.
- 16 At the end of the contract, the spares consumed during carrying out PM and B/D maintenance will belong to BGL. The replaced/damaged parts/spare belongs to BIDDER.
- 17 Qualification document along with experience and ID proof have to be submitted by contractor to EIC of respective location.
- 18 Contractor has to ensure the safety of man and machine all the times. Damages of equipment due to negligence will be recovered as per the decision of engineer- in-charge, which will be final. However, consequential damages shall be out of coverage of this clause.
- 19 Regarding work completion, the decision of the engineer- in-charge will be final and binding.
- 20 All personnel of the contractor entering on work premises shall be properly and neatly dressed and shall wear uniform, badges while working on premises of the company including work sites. Contractor shall provide cotton uniform, safety shoes and other Personal Protective Equipment (PPEs) to his personnel's.
- 21 Contractor shall maintain proper record of his working employee's attendance and payment made to them.
- 22 The contractor's representative/ supervisor shall report daily to the shift-in- charge for day to day working.
- 23 All the safety rules and regulations prevailing and applicable from time to time at the installations as directed by owner will be strictly adhered to by the contractor.
- 24 The contractor shall provide the communication facilities, to its deployed manpower without additional cost to BGL.
- 25 The contractor shall depute his supervision of the services to receive instructions from engineer-in-charge or his representative.
- 26 The bidder shall be deemed to have visited the site and examined the compressor packages and all associated facilities on an **"as is where is basis"** prior to submission of the bid. Submission of bid shall be construed as confirmation that the bidder has fully understood the site conditions, existing status of equipment, scope and quantum of work, and all other factors that may affect the execution of the contract.

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- 27 No claim whatsoever on account of lack of site visit, ignorance of site conditions, equipment condition, or misunderstanding of the scope of work shall be entertained at any stage after submission of the bid. The quoted rates shall remain firm and no request for escalation or additional payment on this account shall be considered during the currency of the contract.
- 28 It shall be the responsibility of the contractor to assess all risks, contingencies, and costs associated with the execution of the work before quoting the rates.
- 29 All lubricants, oils, greases, and consumables conforming to OEM specifications shall be used for the compressor packages. The same shall be OEM-recommended and sourced from PSU Oil Marketing Companies (OMCs). Use of any non-approved or non-conforming products shall not be permitted.
- 30 The daily top-up of all required lubricants for the CNG compressors shall be in the scope of the Comprehensive Annual Maintenance Contract (CAMC) Service Provider. The scope shall also include complete top-up and/or replacement of lubricants required after preventive maintenance, breakdown maintenance, overhauling, or any other maintenance activity carried out on the compressor packages, including but not limited to OEM-recommended lubricants, oils, greases, coolant oils, and associated consumables, as required for safe and reliable operation of the equipment.

1. Deficiency:

“Deficiency” shall mean a deficiency in the performance of service(s) as mentioned in the Scope of Work including deployment of minimum resources / average monthly resources (whichever is applicable), poor quality of service, quantity and quality of material, inefficiency of any service(s), non-compliance of statutory provision(s) or non-compliance of any of the RFQ condition(s).

BGL/ Engineer in Charge (EIC) on observing any deficiency may inform/advise the supervisor / representative of the Contractor to rectify the same. If the deficiency(ies) still persists even after repeated advice / information, the Contractor will be issued show-cause notice, setting out the deficiency(ies) observed, to give the Contractor an opportunity to make a representation within 7 (seven) days from the date of receipt of such notice. If any such representation is made by the Contractor, BGL shall take cognizance of the same before taking a final decision to impose penalty(ies) in respect of deficiency(ies). The decision of the EIC with regard to any deficiency in service and penalty(ies) for such deficiency(ies) shall be final and binding on the contractor(s).

- a) It is recognized that there may be deficiencies in the performance by the Contractor with regards to one or more of the services required to be performed under the Scope of Work. With a view to discourage deficiency(ies) in the performance of any service(s) by the Contractor, it is agreed that for each Deficiency as determined by EIC/ BGL in any service(s) to be performed by the Contractor, BGL shall be entitled to levy a token penalty, if not specified elsewhere, of Rs. 1,000/- (Rupees One Thousand only) per day per deficiency.
- b) The Contractor shall maintain all the Reports, Returns, Forms, proforma(s) and other prescribed documents under the applicable Labour Legislations (including those mentioned above) and BGL shall have the right to satisfy itself in this regard at any point of time. Each deficiency by the Contractor shall entitle the BGL to levy a token penalty on the Contractor by deduction in the invoice(s) of the Contractor or from the Security Deposit @ Rs. 1,000/- per instance.

c) *List of deficiencies and penalties thereof:*

Table 4: List of deficiencies and penalties thereof

Sl. No.	Nature of Deficiency in services	Rate of Penalty (Rs.)
1	Non deployment /short deployment of resource(s) (if applicable)	For maintenance services Rs. 1600/- per resource per instance & for CAMC services Rs.2000/- per instance
2	Complaints of misbehavior or negligence on the part of the resource	Rs. 1,000/- per instance
3	Non-wearing of uniform / wearing untidy uniform by the resource on duty.	Rs.100/- per day per resource
4	Non-submission of running / final bill beyond 30 days of stipulated time for the applicable date of bill submission	Rs. 1,000/- per instance and Rs.100/- per day beyond that.
5	Any other deficiency(ies) in service and/or material as defined in scope of work.	<i>As per SOW/ SCC</i>

However, the total amount deducted towards deficiencies under the contract shall not exceed 5 % of the total contract value.

In addition to the deficiencies regular penalty clause is applicable for non-availability or breakdown of machinery.

- d) In case, the deficiency continues for such period or in such manner as determined by BGL that affects the services as mentioned in the Scope of Work, the EIC may, on expiry of notice period, rectify / re-execute the service as the case may be at the risk and cost of the Contractor or may terminate the contract due to non-performance.

The decision of the EIC, as to any issue arising under this clause, shall be final and conclusive without prejudice to its the right to terminate the Contract thereof / terminate the service(s) on the basis of repeated occurrence of identified deficiency(ies) / instance of persisting poor performance.

In the event of such termination of services / contract, BGL reserves the right to get such service(s) performed at the risks and costs of the Contractor for a period equivalent to the unexpired period of the Contract thereof.

- e) BGL reserves the right to terminate the contract at any time without any reason with 01-month prior written notice.

- f) If the contractor or employees/ representatives of contractor participated in any activities prone to disruption of supplies, then BGL shall have a complete right to take penal action against the contractor and recover the complete loss including overheads from the bidder as per decision of EIC.

29. CONTRACT CUM PERFORMANCE BANK GUARANTEE

- i. SD/CPBG @ 5% of Total order/contract value in case contract period is less than one year or 5% of Annualized order/contract value in case contract period is more than one year.

OR

- Initial security deposit (ISD) @ 2.5% of total order/contract value in case contract period is less than one year or 2.5% of annualize order/contract value in case contract period is more than one year within 30 days of FOA/notification of award and deduction @ 2.5% of the RA bill subsequently from RA bills till the total amount of security deposit (including ISD and deduction amount) reaches 5% of Total order/contract value in case contract period is less than one year or 5% of annualized order/ Contract value in case contract period is more than one year.
- ii. For security deposit/ Contract Performance Guarantee purpose, Contract/ Order Value as mentioned above shall be exclusive of taxes and duties.
- iii. The Contract Performance Guarantee will be obtained for a period of 90 days beyond the contract period/ duration and applicable Warranty/ Guarantee /Defect Liability Period (if any).
- iv. Contract performance guarantee is to be submitted by bidder within 30 days after issuance of Fax/Letter of Intent /Acceptance (notification of Award) and in event of delay in submission of CPBG / SD, the contract can be terminated.
- v. However, if termination of contract is not in the interest of BGL, an additional time of 30 days can be allowed (while maintaining the validity of EMD for the requisite period) for submission of CPBG / SD with the approval of CGM as / MD. Further, where contractor/ vendor/supplier is mobilized at site and executing the contract/order as per provision of contract/ order or mile stones decide during Kick of Meeting, further period for submission of CPBG (beyond 60 days) can be given with the approval of MD. Alternatively, Security Deposit can be deducted from the due payment of contractor/ vendor/ supplier against such order/ contract as on exception.
- vi. In the event of Completion of project being delayed beyond the Scheduled Completion Date, for any reason whatsoever, the Owner may without prejudice to any other right or remedy available to the Owner, operate the Bank Guarantee to recover the Compensation for delay leviable as per relevant clause of GCC. The Bank Guarantee amount shall thereupon be increased to the original amount, or the ASSOCIATES may alternatively submit a fresh Bank Guarantee for the equivalent amount of compensation for delay recovered.

30. CONTRACT AGGREGMENT:

Bidder has to execute an agreement in the proforma format mentioned in VOL I of II of bid document on a non-judicial stamp paper of appropriate value within 15 (fifteen) days of the issue of Work Order. The cost of non-judicial stamp paper shall be borne by bidder



Bhagyanagar
Gas Limited

HIRING CLUSTER BASED COMPREHENSIVE ANNUAL MAINTENANCE
CONTRACT (CAMC) SERVICES FOR SOPAN MAKE CNG BOOSTER
COMPRESSORS AT HYDERABAD FOR A PERIOD OF 03 YEARS

Volume II
of II

Bid Document No. BGL/710/2025-26

SECTION 9: SCHEDULE OF RATES (SOR)



HIRING CLUSTER BASED COMPREHENSIVE ANNUAL MAINTENANCE
CONTRACT (CAMC) SERVICES FOR SOPAN MAKE CNG BOOSTER
COMPRESSORS AT HYDERABAD FOR A PERIOD OF 03 YEARS

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SCHEDULE OF RATES

**SUB: HIRING CLUSTER BASED COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC) SERVICES FOR SOPAN
MAKE CNG BOOSTER COMPRESSORS AT HYDERABAD FOR A PERIOD OF 03 YEARS**

BGL BID NO: BGL/710/2025-26

GeM Bid No:- GEM/2026/B/7326713

Name of the Bidder

S. No.	Description	Location	U O M	Qty	Unit Rate per Month inclusive of all taxes & Duties excluding GST (Rs.)	GST in %	Total Amount certified inclusive of all taxes & Duties including GST
Sr.No.	Comprehensive Maintenance services of CNG Compressor packages :						
	SOPAN Make booster compressor packages (Electric Motor driven)						



HIRING CLUSTER BASED COMPREHENSIVE ANNUAL MAINTENANCE
CONTRACT (CAMC) SERVICES FOR SOPAN MAKE CNG BOOSTER
COMPRESSORS AT HYDERABAD FOR A PERIOD OF 03 YEARS

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1	<p>Lump Sum Charges for Comprehensive Annual Maintenance Contract (CAMC) for 400 SCMH (Average) Electric Motor Driven (EMD) CNG variable suction Booster Compressor Package of Sopan O&M company Pvt Ltd make, including Main Motor, CNG compressor, air compressor, and all associated accessories.</p> <p>The scope shall include, but n ot limited to, all maintenance activities i.e. routine, preventive maintenance, breakdown repairs, top overhauling, and major overhauling and shall be inclusive of all required manpower, OEM-recommended spares, consumables, coolant lubricants, tools, tackles, calibrations, painting, and any other special services , for continuous running of the machine, supervision, PPEs, statutory compliances, etc.</p> <p>The quoted rate shall be inclusive of all duties, transportation, and mobilization/demobilization charges, etc if any</p> <p>No. of machine months(i.e.months)=No.of machines*36months</p>	Hyderabad	Per month	324	Not to be quoted and same shall be uploaded in the SOR of unpriced bid
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Gross Total Inclusive of All taxes and duties in Rs.

This amount to be specified in The financial bid

Amount In Word:-



HIRING CLUSTER BASED COMPREHENSIVE ANNUAL MAINTENANCE
CONTRACT (CAMC) SERVICES FOR SOPAN MAKE CNG BOOSTER
COMPRESSORS AT HYDERABAD FOR A PERIOD OF 03 YEARS

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Note:-

- a). **The bidder must quote the total amount incl. of GST for the entire service/Job as a single Lot on Lump Sum basis in the financial bid in the Gem Portal.**
- b). **In addition to above the bidder is requested to submit/upload the price breakup (as per the format given in the BGL tender document, which is also available at quantifiable specification/ standard of the service/BOQ under additional qualification/ data required of the Gem bid document) in the financial bid in Gem portal in the getting the SOR item wise rate.**