

2nd Floor, Parishram Bhavan,

APIDC Building, Basheerbagh, Hyderabad-500004

CORRIGENDUM -5 to Tender Document No: GGPL/C&P/Pur/4715/2016-17 Date: 18/02/2017

Item: SUPPLY OF CNG BOOSTER GAS COMPRESSOR FOR MOTHER AND DAUGHTER BOOSTER STATIONS AT EAST & WEST GODAVARI DISTRICTS OF ANDHRA PRADESH.

The following modifications to the subject Tender are hereby authorized:

- (a) Schedule of Rates have been revised and the modified Schedule of Rates are attached as Annexure-A & B to this Corrigendum.
- "Evaluation of Total FOT site price with Form-C for Item SI No a + (a.1) + (a.2) + (a.3) of SOR-A + Total AMC Charges including Service Tax of Item SI No (a.1) of SOR-B shall be done for arriving at L1 price. Clause No. 31.1 of Instructions to Bidders "Evaluation of Comparison of Bids" modified as follows:

Evaluation of Total FOT site price with Form-C for Item Sl No (b) + (b.1) + (b.2) + (b.3) of SOR-A + Total AMC Charges including Service Tax of Item Sl No (b.1) of SOR-B shall be done for arriving at L1 price

GGPL reserves the right to place order on one party or multiple parties at discretion". Scope of Service of AMC for CNG Booster Compressors is enclosed as Annexure-C to this Corrigendum. (C)

The due date for submission of offers is latest by No more Prebid queries shall be entertained. 14.00 hrs. 24.02.2017 Limite Authorized Signatory

SCHEDULE OF RATES (A)

Tender No. GGPL/C&P/EG&WG/4715/2016-17

ITEM: Supply of Online/Variable Suction Pressure Reciprocating Compressor & Hydraulic Booster Compressor package

Sl. Item Description Item Des				
Unit Fort Unit Ferger Unit Ferger Unit Freight Project Site Project Site Unit Freight Unit Frei	Total FOT price with Form-C (4x9) (Rs)	10		
Item Description 2 3 4 5 ELECTRIC MOTOR DRIVEN COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction // online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects.	Unit FOT-Site Price with Form-C (5+6+7+8) (Rs)	6		
Item Description 2 ELECTRIC MOTOR DRIVEN RECIPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, Commissioning & Field performance test at GGPL site of Supervision, Commissioning & Field performance test at GGPL site of Supervision, Commissioning & Field performance test at GGPL site of Supervision, Commissioning & Field performance test at GGPL site of Supervision, Commissioning & Field performance test at GGPL site of Supervision CNG variable suction / online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects. Lot of the process of the complete of the commissioning spares	Unit Freight upto FOT Project Site incl. Octroi/entry tax, transit Insurance & unloading	80		
Item Description 2 ELECTRIC MOTOR DRIVEN RECIPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction / online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects. Special tools & tackles Lori Port Port Desp. Point price in the price of performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction / online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects.	Unit CST (Rs)	7		
Item Description 2 8 ELECTRIC MOTOR DRIVEN RECIPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects.	Unit Excise Duty (Rs)	9		
Item Description 2 ELECTRIC MOTOR DRIVEN RECIPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction / online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects.	Unit FOT Desp.Point price including P&F charges (Rs)	5		
Item Description 2 RECTRIC MOTOR DRIVEN RECTPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction / online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects. Special tools & tackles	Qty	4	7	2
0,	Unit	3	Nos .	Lot
	Item Description	2	RECTRIC MOTOR DRIVEN RECTPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Reciprocating CNG variable suction / online compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects.	Special tools & tackles
	SI.	Н	D	

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	ν ν	ιΩ	70	m
Lot	Nos .	Nos .	Lot	Lot
Mandatory spares parts for mechanical reciprocating compressor package as per the list enclosed as Annexure-I.	Design, Engineering, Manufacturing, Supply (including packaging and forwarding, insurance, unloading at GGPL's stores / site) of auxiliary air compressor of suitable capacity to discharge pressure approx. 8 kg/cm2g , 100 water litre capacity air receiver and air dryer along with all accessories and auxiliaries.	HYDRAULIC BOOSTER COMPRESSOR PACKAGES COMPRESSOR PACKAGES Design, Procurement, Manufacture, Inspection, Testing, Supply, Transportation, loading & unloading at GGPL's site/store, , Installation supervision, Commissioning & Field performance test at GGPL site of 250 SCMH capacity Motor driven Hydraulic CNG Booster compressor package including AMC in warranty period as defined in the technical specification (Inclusive of erection & commissioning spares) complete in all respects.	Special tools & tackles	Mandatory spares parts for hydraulic reciprocating compressor package as per the list enclosed as Annexure-II.
a.2	a .3	q	b.1	b.2

Design, Engineering, Manufacturing, Supply (including packaging and forwarding, insurance, unloading at GGPL's stores / site) of auxiliary air compressor of suitable capacity to discharge pressure approx. 8 kg/cm2g , 100 water litre capacity air receiver and air dryer along with all accessories and auxiliaries.
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Signature, Seal with Date of the Bidder's Authorised Signatory



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SCHEDULE OF RATES (B)

Tender No. GGPL/C&P/EG&WG/4715/2016-17

ITEM: AMC Service of Online/Variable Suction Pressure Reciprocating Compressor & Hydraulic Booster Compressor package

No S.	Item Description	r E	Qty	Unit AMC Charges	Unit Service Tax	Total AMC Charges including Service Tax
ELECT	ELECTRIC MOTOR DRIVEN RECIPROCATING VARIABLE SUCTION / ON-LINE GAS COMPRESSOR PACKAGES	RIABLE SI	JCTION / O	N-LINE GAS C	OMPRESSOR PACKAG	ES
r. 1.	Lump sum comprehensive Annual operation, Repair & maintenance charges per Compressor Package including air compressor for two years post warranty period inclusive of all manpower, oil, consumables and applicable spares (vendor has to submit the list of spares along with the tender).	Nos.	7			
ELECT	ELECTRIC MOTOR DRIVEN HYDRAULIC BOOSTER COMPRESSOR PACKAGES	STER CC	MPRESSO	R PACKAGES		
p.1	Lump sum comprehensive Annual operation, Repair & maintenance charges per Compressor Package including air compressor for two years post warranty period inclusive of all manpower, oil, consumables and applicable spares for (vendor has to submit the list of spares along with the tender).	Nos.	N			

Signature, Seal with Date of the Bidder's Authorised Signatory

ANNEXURE-I

MANDATORY SPARE PARTS FOR ONLINE/VARIABLE SUCTION PRESSURE RECIPROCATING COMPRESSOR PACKAGE

- 1. Price of mandatory spares shall be loaded for evaluation purpose.
- 2. 1 Set means the quantity installed in one compressor package. Details items in the set will be as per OEM's spare parts & maintenance manual. Successful Supplier will furnish details of set with part nos. If a supplier fails to indicate the price and details of the part no, they have to supply the parts as per O&M manual without any additional cost.
- 3. In technical bid, the list of spares and quantity shall be submitted without price.
- 4. For O&M during the warranty period No Spare part shall be used from those supplied as Mandatory spares.

LIST OF MANDATORY SPARES:

Sr.no	Part number	Qty. Required by GGPL per package	Unit Price	Total Price
1	All compressor bearings / bushes (main, connecting rod big end. Connecting Rod small end, Cross Head etc.)	1 set		
2	Crosshead shoes	1 set		
3	Piston rings/Rider Ring (sealing wear rings) for all cylinders	1 set		
4	Piston Rods	1 set		
5	Piston for all stages	1 set		
6	Complete valve assembly, suction, for all stages	1 set		
7	Complete valve assembly, discharge, for all stages	1 set		
8	Valve internals consisting of valve springs, valve plates etc.	2 sets		
9	Replaceable parts of main packing, partition packing, oil scraper ring, o-rings, gaskets etc.	1 set		
10	Complete Lubricator assembly	1 set		
11	Digital No Flow Transmitter, if applicable	1 set		
12	Complete coupling / pulley	1 set		
13	Idler pulley, if applicable	1 set		
14	Belt, if applicable	2 sets		
15	Cooling fan bearing	2 sets		
16	Cooling fan shaft	1 set		
17	Cooling fan blades with hub	1 set		
18	Suction gas filter	1 no.		
19	Discharge gas filter	1 no.		

20	Lube oil filter	1 no.	
21	NRV	1 no.	
-22	Pressure Relief Valves	1 no.	
23	Set of bearings (DE + NDE)	1 set	
24	Set of cooling fans	1 set	
25	Contactors	1 no.	
26	Barriers	1 no.	
27	Fuses	1 no.	
28	MCCB	1 no.	
29	Relays	1 no.	
30	Display (Pressure & Temperature gauge)	1 set	
31	PLC (CPU/PS/interface Card/others)	1 set	
32	Isolators	1 set	
33	Pressure Transducer	1 set	
34	Temperature Transducer	1 set	
		TOTAL COST	

The list given above is the minimum requirement. Bidder can add to this list, if they feel that additional spares are required in addition to the spares listed above.

Bidder shall furnish in his bid the complete itemized list of recommended spare parts for two year of trouble free operation after warrantee period.



ANNEXURE-II

MANDATORY SPARE PARTS FOR HYDRAULIC RECIPROCATING COMPRESSOR PACKAGE

- 1. Price of mandatory spares shall be loaded for evaluation purpose.
- 2. 1 Set means the quantity installed in one compressor package. Details items in the set will be as per OEM's spare parts & maintenance manual. Successful Supplier will furnish details of set with part nos. If a supplier fails to indicate the price and details of the part no, they have to supply the parts as per O&M manual without any additional cost.
- 3. In technical bid, the list of spares and quantity shall be submitted without price.
- 4. For O&M during the warranty period No Spare part shall be used from those supplied as Mandatory spares.

LIST OF MANDATORY SPARES:

Sr.no	Part number	Qty. Required by GGPL per package	Unit Price	Total Price
1	Set of piston rings/seal, set of seal oil & water.	1 Set		
2	Set of Gas filter cartridge	1 Set		
3	Set of Oil filter cartridge	1 Set		
4	Gas solenoid valves	01 nos		
5	Transducer board	01 nos		
6	Pressure Transducer	01 nos		
7	Zener Barier with filter	03 nos		
8	Bearing/bushes for all motors, fans and gas compressor	1 Set		
9	Oil hose set	1 Set		
10	Any other Recommended Spares	1 Set		
11	Pressure Gauges	01 nos		
12	Cylinder liners (if required)	01 nos		
13	Special parts	01 nos		
	8	TOTAL COST		

The list given above is the minimum requirement. Bidder can add to this list, if they feel that additional spares are required in addition to the spares listed above.

Bidder shall furnish in his bid the complete itemized list of recommended spare parts for two year of trouble free operation beyond 1st year warrantee period.

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SCOPE OF SERVICE FOR AMC - HYDRAULIC & ONLINE/VARIABLE SUCTION PRESSURE RECIPROCATING COMPRESSOR

Minimum requirement to carry out Comprehensive operation and maintenance contract of booster compressor and Variable suction pressure compressor are as follows:

1. CENTRALIZED OFFICE SET UP FOR CO-ORDINATION & TO RUN THE SMOOTH CNG O&M OPERATIONS

- a) One centralized office should be require in the area of Rajahmundry.
- b) Offices should be equipped with required infrastructure namely Furniture, Landline telephone, Computer, Printer, Scanner, Internet connectivity etc.
- c) Contractor should get the office set up verified by concerned GGPL authority and Copy of Registration Papers/agreement ,address proof document of the office should be submitted along with the documents of contract acceptance before the commencement of contract period.
- d) Periodic inspection of the same offices will be done, any kind of noncompliance observed in the inspection will attract penalty as per the penalty clause.
- e) The contractor shall provide 24 hours vehicle (for emergency response & manpower movement) at the centralized office (Maruti van/Eeco -2015 model) or equivalent vehicle. Vehicle driver is in the scope of contractor.
- f) The contractor shall also maintain the inventory as per the normal essential spare list with proper log sheet which will be submitted to GGPL for clearing the monthly bills.

2. SPECIAL WORK CONDITIONS

- a) Contractor should ensure his manpower to get trained properly and possess STC(Safety and Technical Competency) card before deploying at site. Without STC(Safety and Technical Competency) training manpower should not allow to do the CNG O&M activity.
- b) Contractor should provide its photo identity card to all the employees deployed for CNG O&M. These I-card /Batch are to be constantly displayed during the duty hours. The ID card should be reissued immediately in case of lost or damage.





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- c) Contractor should submit shift schedule to AIC on monthly basis.
- d) Shuffling of man power from one area to other in consultation with AIC/EIC.
- e) Stationary required in the day to day operations e.g. Envelops papers, calculator, Register is in the scope of contractor etc.
- f) Contractor has to maintain record as advise by GGPL staff.
- g) The Contractor should provide qualified & trained manpower to perform the CNG O&M activity.

3. STATUTORY & LEGAL COMPLIANCES

- a) Payment shall be made to the contractor on 15th of the each calendar month for the jobs performed in the preceding month, only if the bills are submitted by the 5th of the month and subject to deduction of all applicable taxes including TDS, to the Engineer In charge.
- b) The Contractor shall comply with the provisions of all the applicable labour laws, particularly following Acts and any amendments/medications thereto or any other law relating thereto and rules and there under from time to time and comply with all provisions applicable therein and/or make all the payments specified therein.
 - 1. Payment of Wages Act 1936.
 - 2. Workmen's Compensation Act 1923.
 - 3. Industrial Disputes Act, 1947
 - 4. Minimum wages Act 1948
 - 5. Employees State Insurance Act 1948
 - 6. Maternity Benefit Act 1961
 - 7. Mines Act 1952
 - 8. Employees provided funds and Misc., Provisions Act 1952.
 - 9. Contract Labor (Regulation and Abolition) Act 1970
 - 10. Payment of Bonus Act, 1965
 - 11. Factories Act 1948
 - 12. Shops and Establishment, Factories Act
- c) The Contractor 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





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Company from any such lapse for which the Government/statutory authorities hereunder may take action against the Contractor and/or the Company.

- d) The Contractor 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 Act 1952 as amended from time to time. The PF no. & payment details of each employee to be presented with the monthly bills.
- e) In case the Contractor 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 Contractor 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 for Employees State Insurance or Employees Provident Fund, etc.
- f) 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 GGPL otherwise RA bills will not be process for releasing the payments.
- g) The contractor 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 contractor and can be asked for verification by client any time.
- h) The Company shall also have the power to deduct any sum required/ estimated to be deducted from the amount due to the Contractor for the following:
 - i. Making good the loss suffered by his employees due to non-fulfilment of Contract Labour (R&A) Act, 1970.
 - ii. Nonpayment of wages/minimum wages under the applicable statutes.
 - iii. Deductions from the wages of his employees which cannot be justified under the Contract Labour (R&A) Act 1970.





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iv. Non observance of any of the provisions of the Contract Labor (R&A) Act, 1970.

- i) Such deductions mentioned in Clause 8 above will only be made based on a report from the local Labour Commissioner/Inspecting Officer in accordance with Contract Labour (R&A) Act, 1970.
- j) The Contractor shall at his own cost employ suitably qualified persons for all the jobs required to be carried out by him under this Contract.
- k) The persons so appointed shall not be construed under any circumstances to be working under the Company.
- I) All payments shall be made by the Contractor to his employees in accordance with the various Rules and Regulations stated above. The Contractor 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 Contractor.
- m)The contractor shall provide the manpower as per GGPL's requirement. If for any reason manpower is absent, it is the duty of Contractor to immediately provide the replacement manpower. If contractor fails to do so, Penalty will be imposed as per the penalty clause.
- n) The Contractor 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 Contractor fails to make arrangements as aforesaid, the Company shall be entitled to do so and recover the cost thereof from Contractor.
- o) The insurance for the following will be covered and paid by for Contractor and he shall indemnify the Company and hold the Company harmless in respect of all and any expense arising from any injury and or damage in respect of.

i. Workmen's compensation and risk of accidents of Contractor's own employees.

ii. Risk of accident to third parties through acts of Contractor's own employees, representatives, subcontractors and agents and the risk of damage to the property of third parties arising

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out of the acts of Contractor's employees, representatives, subcontractors and agents.

- p) The Contractor will be fully responsible for complying with all relevant provisions of the Contract Labour (R&A) Act, 1970, including registering himself/themselves under this Act and shall pay rates of wages and observe hours of work and conditions of employment according to rules in force from time to time.
- q) The Contractor 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 Contractor.
- r) Contractor shall provide uniform (Both T-Shirt/Shirt + Trouser are mandatory) & PPEs (Good quality safety shoes, helmets, Raincoat, Gloves etc.) to All the Workers as approved by GGPL & All manpower / attendants shall wear uniform and PPEs. At the time of duty. Workers without proper uniform & PPE penalty will be imposed.
- s) Contractor shall provide the police verification of all the employees provided by him to carry out the operation & maintenance at various CNG O&M activity. Police verification shall be submitted within 90 days after issue of Service Order. Failing of which penalty would be applicable.
- t) Minimum wages are applicable as per the central act. The minimum wages for personnel to be deployed shall be as per above. Contractor has to refer the above wages while submitting their offer.

4. COMPENSATION FOR NON-FULFILMENT OF OBLIGATION UNDER ANNUAL MAINTENANCE CONTRACT (AMC)

If the Contractor fails to provide the required services,

Break-down penalty would be applicable as follows:

For each Compressor package:





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- For Shutdown restored within 6 hours on daily basis No Penalty. The service provider can also club 6 hours for two consecutive days for 2 times a month without any penalty.
- For Shutdown beyond 6 hours Penalty @ Rs 200/- per hour for the default period; will be on monthly cumulative basis rounded to nearest hour. For calculation of default period, will be recorded jointly by the service provider and owner on daily basis.
- For carrying out the periodic / scheduled / breakdown maintenance of compressor package the service provider shall be allowed a maximum of 18 hours once in a month.

In case the maximum penalty would be applicable 70% on monthly net invoicing amount of each Compressor package.

5. SCOPE OF SERVICES:

- a) The contractor shall have to keep all the spares, consumables, lubricants, coolant, etc. required for carrying out periodic, breakdown, emergency maintenance etc. of the package so as to minimize the down time of the compressor. Nonavailability of compressor package for non-availability of spares shall be liable for compensation.
- b) All tools, tackles and fixtures required for carrying out the above maintenance of the compressor shall be in scope of the bidder. The scope will also include handling equipment like crane, forklift, chain pulley block, etc. required during the any maintenance activity.
- c) Any expert services required from principal company or OEM shall be arranged by the supplier or his agent at his own cost. All arrangements like phone, fax, computer, Internet etc. required for the bidder shall arrange correspondences with above personnel.
- d) The periodic maintenance required to be done as per OEM recommendation shall be taken up promptly. The bidder shall provide the detailed preventative maintenance schedule along with
 - i. Estimated down time required for each type of maintenance schedule.
- ii. List of spares and their quantities required for each type of maintenance schedule per compressor.





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iii. Type and number of man days required for each type of maintenance schedule per compressor.

- iv. The contractor shall plan such maintenance during non-peak hours and in consultation with the Engineer In Charge (EIC) of PURCHASER. Any maintenance that needs to be taken up shall be well planned in advance with due approval of the EIC.
- e) The contractor shall use only OEM's certified spares during maintenance. In case, the schedule maintenance of the OEM manual recommends checking and replacing parts like valve spring, valve plates, piston rings etc. after certain time interval, same shall be replaced or used further only on approval from the PURCHASER representative. However any unto ward consequences for nonreplacement of such parts shall be the responsibility of the bidder.
- f) All routine and periodic checks/inspections required to be done as per OEM recommendation shall be done by the bidder. Instruments required for above inspection like vernier caliper, micrometer screw gauge, fill gauges, bore gauge etc. shall be in scope of the bidder and these instruments shall be calibrated every year.
- g) All parts replaced by the bidder during the above contract period shall be properly packed and handed over to PURCHASER's on replacement.
- h) The contractor shall submit a copy of the daily / weekly / fortnightly / monthly / bimonthly / 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 bidder.
- i) All the maintenance / inspection job carried out by the bidder shall be recorded and the report of the same shall be jointly signed by PURCHASER representative.
- j) The EIC will be final authority to take decision with regards to maintenance or replacement of parts or any disagreement between the bidder and PURCHASER, during the execution of the contract.
- k) The bidder shall carry out retesting of pressure vessels periodically as per Gas Cylinder rules 1981 or Static & Mobile Pressure Vessels Rules.





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The periodic maintenance required to be done as per OEM recommendation shall be taken up promptly. The bidder shall plan such maintenances during non-peak hours and in consultancy with the Engineer In Charge (EIC) of Purchaser. 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.

m)In case, the schedule maintenance of the OEM manual recommends checking and replacing parts like valve spring, valve plates, piston rings etc. after certain time interval, same shall replace in the presence of PURCHASER representative.

