



**TENDER FOR IN-HOUSE STATUTORY
INSPECTION/TESTING AND DPT OPERATIONS OF
LPG CYLINDERS AT SULTANPUR**

LPG PLANT



**BHARAT PETROLEUM CORPORATION
LIMITED LPG BOTTLING PLANT, SULTANPUR**

TENDER NO. [LPG.NR.SULT.DPT.2026-27/01]

**TENDER DOCUMENT FOR
IN-HOUSE STATUTORY INSPECTION/TESTING AND DPT OPERATIONS OF LPG CYLINDERS
AT SULTANPUR LPG PLANT**

**BHARAT PETROLEUM CORPORATION
LIMITED SULTANPUR LPG PLANT
UPSIDC INDUSTRIAL AREA, VILLAGE - TIKARIA, TEHSIL- GAURI GANJ, DIST- AMETHI, UTTAR
PRADESH, PINCODE- 227409**

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LPG PLANT

INTRODUCTION

Bharat Petroleum Corporation Limited (BPCL) Sultanpur LPG bottling Plant is intending to carry out in-house statutory testing and painting of LPG cylinders 5.0 Kg, 14.2Kg, 19.0Kg Capacity.

ADDRESS OF THE LOCATION:

BHARAT PETROLEUM CORPORATION LTD,
UPSIDC INDUSTRIAL AREA, VILLAGE -
TIKARIA, TEHSIL- GAURI GANJ, DIST-
AMETHI,
UTTAR PRADESH PINCODE- 227409

Contact Person: -

Mr. Hemraj Meena (Jr. Executive,
ops) Mob No: - 8102469121
Email Id: - hemrajmeena@bharatpetroleum.in

**THE BELOW DOCUMENTS ITS TERMS AND CONDITION, SCOPE OF WORK ALONG WITH
BPCL GENERAL CONDITION OF CONTRACT TO BE CONSIDERED FOR BIDDING**

**SCOPE OF WORK FOR "INHOUSE PRESSURE TESTING AND INSPECTION OF CYLINDERS AT
SULTANPUR LPG PLANT"**

1. Cylinders shall be tested as per the IS 16054, Test results will be rounded off in accordance with IS 2:1960
General Terminology: -

- Batch: A lot of 400 cylinders.
- Competent person: Trained and experienced personnel.

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- Periodic inspection: In line with “gas cylinder rule 2004”.
 - Pit: Local corrosion
2. Receipt of Cylinders: - Vendor shall receive the cylinders from filling shed segregation point (Near Washing Unit) and transport them safely to the DPT shed. All cylinders must be handled carefully to avoid any damage. Proper stacking is mandatory to ensure stability, easy access, and compliance with safety norms.
 3. Recording details: - Details of one shift production or max 400 cylinders shall be recorded in the route card. Records shall include details as per IS 16054 and as instructed by Engineering/Shed/Admin In-charge.
 4. Depressurizing: - Cold flaring shall be done at the degassing yard. Remaining pressure shall be removed using suitable adapters/fixtures provided in the degassing yard.
 5. Valve Removal: - Using unscrewing machine, SC valve shall be removed and kept in dry, clean place and shall be sent for salvaging. Any misplacement of valve resulting loss/damage to product shall attract penalty on vendor.
 6. Degassing: Cylinders shall be filled with water until overflow and retained for at least 1 hour.
 7. External surface cleaning: - Caustic Soda bath, Soap water bath, Clean Water bath shall be done. Wire brushes shall be used to remove surface contaminants.
 8. Internal cleaning and internal inspections: - Internal surface of cylinder shall be checked by low voltage lamp and magnetic rod for corrosion and other dents/defects.
 9. Visual Inspection & Thread Checking: External inspection as per IS 13258-1991 for dents, cuts, gouges, bulges, cracks, etc. Bung threads checked with L1 and L9 plug gauges as per IS 9121. Segregate cylinders for Cold Repair / Hot Repair
 10. List of Rejection codes to be used:

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Bulge	E1
Burn	E2
Dent	E3
Dig	E4
Cut	E5
Pit	E6
Line Corrosion	E7
General Corrosion	E8
Bung Thread damage	E8
Loss in tare Weight	E9
Identity Lost	E10

11. Tare weight checking: - Measure the Tare Weight of cylinders and reject if lost more than 5% of its original weight (Punched).
12. Degassing and Hydrostatic testing: - Filling of water till it overflow shall be done and Hydrostatic testing shall be done using Degassing cum Hydrotesting bench in accordance with IS-5844 at Pressure: 25.35 kg/cm² for Time:30 sec. Look for pressure drop or leakage, bulge, sweating of cylinder body. Rotate the cylinders on and observe from all sides. In case of failure reject the cylinder.
13. Internal cleaning and checking: - Remove water completely. The internal surface shall be dried using compressed air and vacuum pump.
14. Primer coating: - Before primer coating apply cap on bung. Zinc chromate primer coating as per IS 2074-1992. Minimum coat thickness 30 µm.
15. Signal red painting: - Super synthetic enamel paint coating conforming to IS 2923- 2003. Colour scheme as per BPCL standard (Signal Red). Paint should be of brushing consistency. Minimum thickness 30 µm.
16. Punching of new test date and repairer's identification mark: - New Test Date and repairs identification mark shall be punched on cylinders stay plate. Vendor shall manage equipment for punching of the same (manual/ automated). The process of shall need approval from Safety Officer of plant.

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17. In addition to punching of revised tare weight/ gross weight wherever applicable, following details should also be punched on the cylinder body as close to the previous markings as practicable:

- i. Date of retest
- ii. Code marking for the Test Plant/Repairer.
- iii. Tare weight of the cylinder should be stenciled with black paint within the V.P. Ring circle diameter at 3 places for easy identification by filling operators. The recommended lettering size is 25 mm, and the thickness of the numerals is 6-7 mm.
- iv. It is also recommended that the net weight of LPG to be filled should be stenciled on the body of the cylinders outside the V.P. Ring diameter. The size of the lettering recommended is 18 mm and the thickness of the numerals is 4-5 mm.

18. Tare weighing: - Tare weight shall be weighted with valve using weighing scale. Value of tare may be rounded accordance with IS 2.

19. Tare weight, new test date, Net weight shall be stenciled on the stay plate: The cylinders shall be stenciled for tare weight, net weight, and next due date for testing. The colour coding for stenciling shall be as per drawing enclosed.

- i. All tested & painted cylinders fit for further use to be provided with golden yellow color painting inside the shadow zone of the VP Ring after painting the signal red enamel.
- ii. The new tare weight shall be stenciled with black paint on three places on golden yellow paint (in the shadow zone of the VP Ring). The size of the stenciling shall be as per instruction from Plant Officers.
- iii. Net weight to be stenciled with black paint on signal red paint outside the shadow zone of VP Ring. The size of the stenciling shall be as per the drawing enclosed.
- iv. The tare weight shall also be stenciled on the inside portion of two stay plates as per BPCL Colour Coding. The size will be as per drawing enclosed.
- v. Stenciling of safety messages in Hindi & English to be done on tested cylinders at shoulder with white paint as per drawing provided by Plant.
- vi. The hydro-tested and painted cylinders shall be screen printed with Bharat Gas Logo as per the design / drawing supplied by the Corporation on one side of the cylinders in Hindi and in English on the other side.

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20. Tapping the bung thread, cleaning the same by brass wire brush: - Clean the bung thread before valve fixing.
21. Valve fixing: - Before refitting the valve, internal threads of the cylinder bung should be cleaned with 3/4" NGT thread tap and checked against thread damage. Valve Fixing accordance to IS 8737 using a PTFE Tape provide by BPCL. Torque to measure tightness should be 20+/-2 NM. Sample testing using the torque wrench must be done to ensure the tightness of valve. In no case spanners and ordinary wrenches should be used for tightening the valves.
22. Please note that only New/Salvaged/Tested valves should be used on the cylinder.
23. Pneumatic test: -Pneumatic testing shall be done as per IS: 3196. Test pressure = 12 Kg/cm², Fix safety cap before immersing cylinder in water, Duration of test should not be less than 60 seconds, Air should be removed by press opening the valve.
24. Certification: Contractor supervisor to ensure that the test certificate for all tested cylinders will be issued by the concern BPCL Officer by showing no. of accepted/ rejected/ recommended for repair cylinders as per format given by BPCL on dailey basis. Vendor shall ensure that he maintains batch and keep it separate for final inspection by Company Operator and Officer, He shall also get the record signed and updated in system by concerned officer.
25. Dispatch of Cylinders: - Vendor shall make sure to shift cylinders from DPT Shed to Filling shed as per instruction from Shed In charge (all cylinders should have Proper Cap tied/placed on valve).

Below are the referred IS no.:

IS Number	Title
7241: 1981	Glossary terms used in gas cylinder technology (<i>revision</i>)
8737: 1995	Valve fittings for use with liquefied petroleum gas (LPG) cylinders of more than 5 litre water capacity — Specification (<i>first revision</i>)
9121: 2005	Inspection gauges for checking Type 1 (size 2) taper threads of gas cylinder valves, taper 1 in 16 — Specification
13258: 2004 & 16054:2013	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases — Code of practice for inspection and reconditioning of used LPG cylinders
2: 1960	Rules for rounding off numerical values (<i>revised</i>)

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2074: 1992	Ready mixed paint, air drying, red oxide zinc chrome, priming — Specification (<i>second revision</i>)
2932: 2003	Enamel, synthetic, exterior: (a) Undercoating (b) Finishing — Specification (<i>third revision</i>)
3196 (Part1): 2006	Welded low carbon steel gas cylinder exceeding 5 litre water capacity for low pressure liquefiable gases: Part 1 Cylinders for liquefied petroleum gases (LPG) — Specification (<i>fifth revision</i>)

26. Painting and stenciling of cylinders: - Cylinders with poor quality of painting other than due for pressure testing cylinders (DPT) has to be repainted as given in point no 14,15 and 19. Also it can be revised as and when standard changes. Job has to be completed as and when needed and instructed by Plant manager/Shift in charge.

27. Stenciling of Cylinders and Safety Message and Emergency Number: - As per revised guidelines cylinders other than due for pressure testing cylinders (DPT) and repainted cylinders (given in point no 26) safety message and emergency Number Stenciling on cylinders has to be completed as and when needed and as instructed by Plant manager/Shift in charge.

Pre-Bid Meeting

A Pre-Bid Meeting shall be conducted to facilitate better understanding of the scope of work and to clarify any doubts/queries of the prospective bidders regarding the tender.

The pre-bid meeting will be held online on 30th Oct 2026 at 3:00PM as per the details given below, also meeting can be join physically at Sultanpur LPG bottling plant :

Link:

<https://teams.microsoft.com/meet/46957398192875?p=oB1OyEUXgOSt9r5UdF>

- Platform: Microsoft Teams
- Meeting ID: 469 573 981 928 75
- Passcode: xF6AB7iN

All interested bidders are requested to join the meeting on time using the above credentials. Queries, if any, shall be discussed during the meeting.

SPECIAL TERMS AND CONDITIONS FOR “INHOUSE PRESSURE TESTING AND INSPECTION OF CYLINDERS AT SULTANPUR LPG PLANT”

BID-QUALIFICATION CRITERIA (BQC)

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1. Past Experience

The bidder must have successfully executed/completed similar service(s) during the last three years to any Central/State Government Organization/PSU/Public Listed Company, meeting at least one of the following criteria, based on the estimated bid value of ₹70,61,217.35 (including GST):

(a) One single order of value not less than 80% of the Estimated Bid Value, i.e. ₹56,48,974/- (including GST); OR

(b) Two orders, each of value not less than 50% of the Estimated Bid Value, i.e. ₹35,30,609/- each (including GST); OR

(c) Three orders, each of value not less than 40% of the Estimated Bid Value, i.e. ₹28,24,487/- each (including GST).

Similar services shall mean statutory inspection/testing and DPT operations of LPG cylinders, as described in the tender Scope of Work. Copies of contracts/work orders and documentary evidence of successful execution/completion, along with client name, address and contact details, shall be uploaded with the bid for verification.

MSEs will be given relaxation to the extent of 15% in prior turnover (subject to maintaining a minimum threshold of 30%) and prior experience criteria during tender evaluation, subject to meeting quality, safety and technical specifications.

2. Technical Capability and Resource Readiness

a. The bidder shall submit a detailed execution methodology covering receipt, segregation, inspection, hydrostatic testing, pneumatic testing, painting, stenciling, valve fitting, documentation, quality control and safe dispatch of LPG cylinders in accordance with the Scope of Work.

b. The bidder shall demonstrate availability of trained manpower, including a qualified site supervisor, competent testing personnel and adequate shift-wise manpower for uninterrupted operation. Details of qualifications, experience and proposed deployment shall be submitted with the technical bid.

c. The bidder shall submit a list of tools, calibrated measuring instruments, gauges, safety equipment and other resources proposed for the work. Calibration certificates from recognized laboratories shall be valid on the bid submission date.

d. A site mobilization plan shall be submitted, confirming readiness to commence work within the stipulated period and maintain operations in the required number of shifts.

e. The bidder shall not be under holiday listing, suspension, debarment or banning by BPCL, any other Oil Marketing Company, Central or State Government organization or PSU as on the bid submission date. A self-declaration shall be submitted and may be verified by BPCL.

3. Financial Criteria –

a. The minimum average annual financial turnover of the bidder during the last three years, ending on 31 March of the previous financial year, shall be at least 30% of the Estimated Tender Value, i.e. ₹21,18,365/- (Rupees Twenty-One Lakh Eighteen Thousand Three Hundred Sixty-Five Only). Documentary evidence shall be submitted as specified in the tender.

b. Net Worth of the Bidder / OEM should be positive as per the last audited financial statement.

4. Other Registration and Compliance Documents

The bidder shall submit valid GST registration and applicable constitution/registration documents, and shall comply with the tender's applicable technical, statutory, safety and contractual requirements. Any additional eligibility conditions must be consistent with the approved BQC and applicable BPCL/GeM procurement guidelines.

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5. Verification and Clarification

Documents submitted against BQC shall be verified by BPCL. In case of ambiguity or incomplete documents, clarification/shortfall documents may be sought only as permitted under applicable BPCL/GeM guidelines. Submission of documents does not by itself confer technical qualification.

1. TENDER EVALUATION CRITERIA

1. This tender is floated in two-bid system i.e. technical bid & price bid. Technical bid will be first opened on scheduled date and will be evaluated as per the terms and conditions of the tender. Price bids of the bidders, who have qualified in Pre-qualification & technical bid based on above evaluation by the Corporation, will be opened on a notified date (Date mentioned in tender document is date for pre-qualification evaluation).
2. Bidders has to quote their lowest price against each item in tender price bid format.

2. EVALUATION AND ORDER ALLOCATION:

- i. L1 will be decided based on Overall lowest quote considering the successful technical & Pre-qualification bid.
- ii. Corporation reserves the right to negotiate with any or all bidders. Corporation's decision in this regard shall be binding on all bidders.
- iii. Purchase Preference to MSE's:
 - i) Bidders who are MSE's and MSE's owned by SC/ST shall be allowed

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purchase preference as per the government guidelines/ instructions on the subject in force from time to time.

- ii) Bidders claiming purchase preference as MSE need to submit the following documents: Self-attested copy of all the pages of the EM-II certificate issued by the appropriate authorities mentioned in the Public procurement policy of MSEs-2012.; and Vendors declaration / affidavit in their Organization/Company Letter Head, stating that, in the event of award of contract, all the ordered supplies shall be made from the unit for which MSE certificate has been submitted.

Original of the EM-II certificate to be produced for verification, if called for (if the bidder is not already registered with BPCL as MSE vendor).

3. Party to submit the tender in two parts i.e., technical and commercial in separate envelopes.
4. Commercial bid of only technically qualified parties shall be opened. In technical bid party should confirm the understanding of Inspection/Hydro testing /painting procedures as laid down in OISD 144 Chapter 10 and code of practice for periodic inspection and testing of LPG Cylinder in use.
5. Commercial bid of only technically qualified parties shall be opened.
6. The inspection and hydro testing of the cylinders is to be carried out as per OISD 144 Chapter 10 and Contractor must follow "code of practice for periodic inspection and testing of LPG Cylinder in use" enclosed.
7. Successful bidder shall ensure to make the Labour payment comprising of: --
 - a. Minimum wage announced by Central or state Government whichever is higher from time to time.
 - b. PF, ESI, leave with wages, Gratuity as per government rules
 - c. Bonus and other statutory Labour payment as per Labour/factory law.
 - d. As per current rates minimum wage for unskilled Labour is Rs. 565, semi- skilled Labour is Rs. 661 and for Skilled manpower- 794 (All calculation shall be made according to latest minimum wage only)

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- e. Calculation for cost of one Labour for one day shall be as Minimum wage + 13% of Minimum wage (PF and administrative charges) +3.25% Minimum wage (ESI)+ 8.33% Minimum wage(bonus)+4.81% of Minimum wage (Gratuity) +6.73% of Minimum wage(Leave with Wages) .
- f. **Contractor has to engage 11-person in each shift (08 un-skilled, 2 semi-skilled and 1 skilled (B-tech) supervisor) for 1 set of hydrotesting facility in a shift. Manpower will increase after augmentation of hydrotesting facility in plant. DPT Operations are to be done in 2 shifts per day.**
8. After the cylinder passing hydro test and pneumatic test, the contractor will punch the monogram on the stay plate of the cylinder, as per OISD 144 Chapter 10 and “code of practice for periodic inspection and testing of LPG Cylinder in use” enclosed at annexure 3.
9. If there is any confusion/dispute on any cylinder for rejection the matter should be referred to Plant Manager, Sultanpur and the final views to be obtained on the issue.
10. The contractor shall be liable to rectify any defect observed by the BPCL representative and the job has to be carried out entire to his satisfaction, without any delay. No additional charges will be payable for carrying such jobs.
11. Cylinders handed over for hydro testing should be processed in batches and records should be maintained batch-wise for cylinders passed and rejected.
12. The contractor or his authorized supervisor should be present at the site when the job is in progress. No job shall be carried out without proper supervision of a qualified person, **Minimum qualification criteria of supervisor is B-tech in mechanical.**
13. The cooperation will supply SC Valves with Delrin capes for replacement of old rejected SC Valves removed from the cylinders, Teflon tape will also be provided for tightening of the valves.
14. All rejected old SC Valves removed from the cylinders should be deposited in the stores and obtain a proper receipt, in case of any short fall recovery will be made at prevailing penal rate at that time.

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15. Company reserves the right to inspect cylinders at any stage, in case of any deviation in procedure is observed, the contract will be terminated with immediate effect.
16. BPCL reserves the right to issue fresh instructions on inspection/pressure testing of the cylinders in modification and /or in addition to the instruction contained in "code of practice for periodic inspection and testing of LPG Cylinder in use" enclosed at annexure 3.
17. Contractor will prepare test certificates and list of the cylinders hydro test; list has to be prepared for rejected cylinders and cylinder recommended for hot repair as per details given in Annexure II & III of Code of practice. The certificates and list of cylinders should be neat, duly signed by the authorized inspecting person of the contractor, Tallyman and company officer mentioning his name and designation.
18. All Hydro tested cylinders as per the list should be shifted to Empty cylinder shed and stacked two high only after due verification by an officer of the corporation. Rejected cylinders as per the list should be moved to the yard after due verification by an officer of corporation.
19. All forms/Certificates etc. required for the documentation and certification stipulated in our terms and conditions will be provided by the corporation. All documents as per the format detailed as Annexure II & III of code of practice, must be furnished by the contractor whenever required by us.
20. The corporation have full right to terminate the contract at any time during the contract period, if the services are not found satisfactory without giving any prior notice in writing thereof and no compensation for damage can be claimed by the contractor. Also, contractor shall not be permitted to sub-contract or assign any part of the order placed without prior written consent from the corporation.
21. A monthly reconciliation statement for cylinders tested and SC Valves etc. need to be submitted to the concerned Officer by 3rd of the next month; failing which contractors can be withheld until it is reconciled.
- 22. In case of loss of any cylinder handed over to the contractor for conducting the aforesaid job, BPCL without prejudice to their any other right they are having under this agreement, BPCL shall claim for the contractor recoveries as per prevailing penal rate at the time. Current penal rate indicated in point no 25 as liquidated damage and the contractor shall have no right to dispute the said sum. BPCL shall have right deduct and/ or recover the said sum as liquidate damage out of any money payable to the contractor by BPCL.**

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- 23. Recoveries for the unaccounted materials such as cylinders, SC valve, safety cap etc. shall also be charged as per prevailing penal rate at the time. Current penal rates indicated in point no. 23 and the same shall be deducted from the contractor's bill/security/EMD deposit.**
24. Corporation will not be responsible for theft, fire, accident and any damages, losses etc occurred within the boundary areas of the work site and it is contractor's responsibility to take all precautions in this respect.
25. Contractor shall be responsible for proper upkeep of all equipment in good condition in use during hydro testing and shall be liable to pay for any damages done to equipment's due to negligence as decided by the Corporation.

Current penal rate for recoveries for different items is as under:

	Penal Rate
5 Kg. Cylinder	Rs. 1100/- per cylinder
14.2 Kg. Cylinder	Rs. 3300/- per cylinder
19 Kg. Cylinder	Rs. 3600/-per cylinder
SC Valve	Rs. 265/- per sc valve
Safety Cap	Rs. 4/- per cap

26. As and when BPCL equipment penal rate for recovery is amended or modified during subsistence of this contract, the contractor will be informed in writing about the rates applicable on account, failure to notify such amendments or notification by the corporation will not be a ground so as to violate any terms and conditions of this contract and will absolve the corporation wholly.
- 27. If any cylinder found leakage from the bung during the filling operation a penalty of Rs.500/- per cylinder will be levied and the same will be deducted from their bill or amount payable to them.**
- 28. If any cylinder found body leak during the filling a penalty of 10 times of the penal rate per cylinder given in the item number 23 will be applicable and the same will be deducted from their bill or amount payable to them. In addition to above the security amount deposited with the company will be forfeited and the contract can be terminated.**

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29. If the stenciling and painting of the cylinder is found poor or not done during filling as per the laid down procedure penalty of Rs.500/- per cylinder will be levied and the same will be deducted from their bill or amount payable to the contractor.
30. Tare weight stenciling on the cylinder should be done strictly as per the OISD 144 (refer Annexure 3) and Code of practice for periodic inspection and testing of LPG cylinders in use (refer Annexure 3). At any time, the difference between stenciled weight and actual tare weight beyond permissible limit i.e., +/-50 gram. a penalty of Rs. 500/- per cylinder will be levied and the same will be deducted from their bill or amount payable to them.
31. Visual inspection of the cylinder for the cylinders for the rejection due to **HR/BULG/DENT/DIG/CORRODED/BURNT/DAMAGED FOOTRING OR VP RING** will be segregated by you at the time of taking delivery for the carrying out the job at the empty cum filling shed itself. Cylinders which are not due for statutory testing should not be taken. In an event any such cylinders are tested and painted, the same shall be solely your responsibility and no payment whatsoever will be made to you for such cylinders and the penalty of Rs.500/- per cylinder will be levied and the same will be deducted from their bill or amount payable to the contractor.
The contractor will be responsible for proper upkeeping and segregation of Paint and other waste generated in DPT shed. At the time of closure of the day all hazardous waste to be placed in assigned location. In failing to do so penalty of Rs 500/- per instance will be deducted from their bill or amount payable to the contractor.
32. Contractor has to comply the norms for labor code i.e. PF, ESI and workmen compensation insurance in total and proof of amount deposited for the above has to be submitted along with the monthly bills, without which monthly bills will not be processed.
33. Contract labour act has to be followed in toto including obtaining the labour license if required.
34. Statutory deductions such as Income tax, Education Cess, Hr. and Sr. Education Cess etc. will be deducted from the bill as and when processes.
35. The contractor will be required to commence the job within one week from the date of award of contract failing which the corporation reserves the right to foreclose the contract and get work done from alternate sources at your risk, responsibility, and cost.
36. **The rate quoted shall be firm for the period of contract and there will not be any change in the rates under any circumstances.**
37. **If so required or conditions, contractor will have to carry out/undertake the pressure testing of cylinders not less than 400 cylinders per day as per current facilities. The number of cylinder may increase based on further addition of infrastructure. However, BPCL does not guarantee any minimum number of cylinders to be Hydrottested.**

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38. The contract will be valid for a period of one year from the date of LOI or till the total contract value is exhausted whichever is earlier. The corporation however reserve the right of not being bound itself either to the quantities or period by which the cylinder will be hydro tested.
39. The contract shall be applicable for a period of 12 months. However, this contract can be extended for another period of 12 months if satisfied with the services on the same terms and conditions of the tender.
- 40. Contractor should submit monthly bill by 3rd of next month for the consignment of each month after completion of work to the satisfaction of the corporation and after the cylinders are duly delivered/stacked in Empty cylinder shed.**
41. The transportation of the cylinders is through manual shifting through vehicle from filling cum empty shed to DPT shed and vice versa shall be arranged by the vendor including loading/unloading, stacking and de-stacking. Stacking of cylinder should be in lines of 25X4X2 cylinders in stack yard, if required, that to of without SC valves.
- 42. In case of failure on the part of the contractor to carry out the jobs specified in the tender thereof within the terms and contract and to get the work done from any other source and if the cost incurred on this agreement, the contractor will be responsible for the same and will be liable to pay the said difference in the cost suffered by BPCL. In such a case, in addition to the right mentioned in this paragraph, corporation shall have the right to forfeit the security deposit provided by the contractor.**
43. Corporation reserves the right to judge the performance of the party on regular basis in case the quality of work found below standard/unsatisfactory, the corporation can cancel the contract at its sole discretion. Also during RQC (Routine quality check) if cylinders (DPT Work) not found satisfactory then **whole batch of the cylinders will be rejected**, and payment of the same will not be done by BPCL.
- 44. Corporation will supply the following material.** The safekeep of below materials will be responsibility of the contractor. In case of any pilferage or mishandling, the cost of the wasted materials will be recovered along with a penalty of 5% of MRP of the product .
- a. PAINT
 - b. PRIMER
 - c. THINER
 - d. PTFE Tape
- 45. Other than the above all the consumables as caustic soda, gloves for painting, Copper wire brushes, painting mask, emery paper for cleaning will be in contractor scope and shall be arranged by contractor. During regular inspections, if said consumable items are not found in use, a penalty of Rs. 5000 will be levied per instances.**

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46. Proper gate pass shall be made for bringing caustic inside the plant and same shall be monitored monthly basis if not found satisfactory penalty shall be imposed by providing Caustic by BPCL and cost will be deducted from vendor's bill.

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47. Power cost will also bear by the corporation, party should ensure proper and judicious use of the same.
48. **Following material will be arranged by the party: -**
- a. Punch for punching date and logo
 - b. Screen for mandatory massage
 - c. Screen for tare weight
 - d. Caustic soda for washing and emery paper for cleaning.
 - e. Wired brush and other cleaning material
 - f. Paint spray Gun
 - g. Measuring and testing Equipments – Master Gauges, Vernier, L1 & L9 gauge, UT meter, $\frac{3}{4}$ " NGT thread tap, Low Voltage FLP lamp, and others. Routine testing of all equipments to be ensured by vendor.
 - h. BPCL Standard- Gloves, Mask, Helmet, Boiler suit (2 pair), Safety shoes, winter wear etc.
49. **No other costs other than that in bid shall be entertained for payment. Loading and movement of DPT cylinders from unloading shed to DPT shed & again PT cylinders from DPT shed to unloading shed is under contractor's scope.**
50. Manpower for the job will be supplied and supervised by party only and no assistance will be provided by BPCL.
51. **BPCL does not guarantee any minimum number cylinders to be tested.**
52. **Rates for all items will not change with the revision of minimum wages. These rates shall remain firm for the entire period of the contract. However, Contractor has to pay the revised minimum wages to the labours employed. Payment to the labour to be made thru NEFT in their Bank Account on or before 7th date of following month without waiting for the payment from the Corporation and payment statement to be submitted to the concerned officer immediate after making payment. Also monthly wages, PF and ESI Statements are to be updated in IOWMS Portal by Contractor .**
52. **After award of contract the Contractor has to get the Labour License specific to job & location within a period of one month. If the same is not provided within one month, then the contract will be terminated immediately by 7th date of following month (for wages) and by 15th date of following month (for PF & ESI).**
53. **Contractor must ensure wearing of HELMET, SAFETY SHOES, HAND GLOVES, UNIFORM, BOILER SUIT and IDENTITY CARD by his staff, cost of which has to be borne by the contractor only. No labour will be allowed to work within the plant without proper PPEs. Entry into the licensed premises for undertaking the DPT job will be restricted to those wearing the PPEs. Officers have the right to remove a person**

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found carrying out the designated job without wearing PPEs. ANY VIOLATION OF THIS POINT THE CONTRACTOR WILL BE FINED WITH RS.200/- PER VIOLATION/PER PERSON.

54. **Contractor has to issue 2 sets of Uniform/Boiler Suit, 1 set of winter wear, 2 no. of Safety Shoes, 1 no. of Helmet and 1 no. of IDENTITY card to all labours.**

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55. Job shall be carried out as per operational requirement of the plant. If the plant is working on overtime or on Sundays/ holidays, the contractor shall provide his labour as per the timings given by the officer In-charge. One day prior notice shall be given to the contractor for such weekly off /holiday working.
56. **The contractor has to provide police verification & medical certificate of all the workers before starting of the contract. Also registration of all workers are to be done in IOWMS Portal by contractor. The contractor has to take permission from Plant Manager before replacing any person in the contract. The persons will be fixed for each job from the first day of the contract any changes in the position of the person the Contractor has to take permission from the Officer in-charge. Any violation of above points the contractor will be charged with a Rs.200 per violation.**
57. The contractor/contractor supervisor has to parade all the personnel during the starting of the shift for headcount by the shed officer. **Any person missing from his designated place of the job during the course of day, the contractor will be held responsible. The shift operation will not be allowed with partial manpower. Additional manpower will be arranged through alternate vendor by BPCL on its sole discretion. The cost of these manpower will be debited to the DPT contractor.**
58. In case ESI is not applicable, contractor shall take group accident insurance (Workmen's Compensation) policy for labour engaged by him.
59. Contractor has to follow all safety rules & regulations in vogue / as and when amended by BPCL.
60. The firm shall indemnify the company against the consequences arising out of its personnel's default or negligence or violations of the rules applicable to the place of work.
61. **Contractor will indemnify the company, its officers and its employees against all claims, demands actions, proceedings, losses/damages caused, charges and expenses and all other liabilities of whatever nature made, brought against suffered and incurred by company by virtue of or as a result of non-performance or non- observance by Contractor of any terms and conditions set out in this contract letter and be performed or observed by him. Contractor has to indemnify the company that his labours engaged for various jobs in the plant do not claim for the employment in BPCL. BPCL is not responsible for any of the claims arising out of the dispute between the contractor and his employees.**

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62. The firm shall observe and comply with the regulations of the Minimum Wages Act, The ESI Act, The PF & Factory Act, Workmen Compensation Act And all other industrial /labour legislations (for the time being in force and as amended from time to time), Factory Act governing the relationship between the Firm and its employees and keep the company indemnified against all claims, payments, losses, damages or levies etc. that the company may have to suffer on account thereof. Vendor has to upload and confirm submission of Labour wages, ESI, PF, Bonus for workers in IOWMS portal, latest by 7th of every month.
63. That the firm shall also accept and indemnify the company against any liability for payment of compensation arising under the Workmen Compensation Act or otherwise which the company may be called upon to make good under the provisions of the said act or any other for the time being in force, to any such personnel of the firm on account of or any injury sustained or claim arising from permanent disablement of the personnel during the course of employment and also indemnify the company for any expenses incurred by the company in connection with any claim preferred by its personnel and /against all actions ,claims and demand whatsoever in respect thereof or in respect of any loss, injury or damages whatsoever to any third person caused by its personnel.
64. The firm shall also be required to comply with the provisions of Contract labour (R&A) Act 1970, for the time being in force and as amended from time to time and it shall maintain all records in accordance with said Act, as applicable and indemnify the company against any claim or fine or levy or interest etc. that it may be called upon to sustain / pay under the provisions of the said Act as and when necessary, the firm shall obtain necessary license/ permit as required under the Contract labour (Regulation & Abolition Act,1970). Or such other laws as applicable and produce the same to the authorized representative of the company as and when called upon for.
65. Contractor has to indemnify the company that, neither the contractor nor his representatives and labours / staff employed by him will be considered as the company's employees and will have no right to represent the company in any matter. The contractor will absolve the company of any responsibility in this respect and furnish a declaration to this effect from time to time.
66. Contractor is supposed to visit the site before quoting for the job for acquainting himself with the job schedule and available facilities at the location. It is presumed that contractor has visited the site and understood all the items of the job thoroughly.
67. The contract will be for one year. If the performance of the party is found satisfactory during the period, the contract can be extended for another year, subject to mutual consent of the party as well as BPCL.

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68. On the other hand, Bharat Petroleum Corporation Limited reserves, the right to terminate contract at any time giving one month notice, in case, services rendered by the contract are not found satisfactory.

ADDITIONAL TERMS AND CONDITION OF CONTRACT

1. Please note that vendor has to quote for all the line items mentioned in the BOQ Document.
2. For quoting the painting items it is important to note that only external cleaning of cylinder is to be done and repainting and stencilling is to be done. Painting line items will be used only for those cylinders which are not due for pressure testing and rates to be quoted accordingly.
3. For quoting the Stencilling items it is important to note that only stencilling of safety messages, emergency number, tare weight and net weight is to be done. Stencilling line items will be used only for those cylinders which are not due for pressure testing (and excluding cylinders repainted as given in Point no 2 of Additional terms and condition of contract.) and rates to be quoted accordingly.
4. For all DPT Cylinders entire process including painting is to be done and same is to be quoted.
5. Vendor has to submit his BOQ quote duly filled and signed for technical evaluation.
6. All the clause and condition mentioned in the contract are applicable along with BPCL General condition of contract.

ARBITRATION CLAUSE:

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- a) Any dispute or difference of any nature whatsoever, any claim, cross-claim, counter-claim or set off of Corporation against the Contractor or regarding any right, liability, act, omission on account of any of the Parties hereto arising out of or in relation to this agreement shall be referred to the sole Arbitration of the Director (Marketing) of the Corporation or of some officer of the Corporation who may be nominated by the Director (Marketing). The Contractor will not be entitled to raise any objection to any such arbitrator on the ground that the arbitrator is an Officer of the Corporation or that he has dealt with the matters to which the contract relates or that in the course of his duties as an Officer of the Corporation he had expressed views on all or any other matters in dispute or difference. In the event of the arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, the Director (Marketing) as aforesaid at the time of such transfer, vacation of office Or inability to act may in the discretion of the Director designate another person to act as arbitrator in accordance with the terms of the agreement to the end and intent that the original Arbitrator shall be entitled to continue the arbitration proceedings not withstanding his transfer or vacation or office as an Officer of the Corporation if the Director (Marketing) does not designate another person to act as arbitrator on such transfer, vacation of office or inability of original arbitrator. Such persons shall be entitled to proceed with the reference from the point at which it was left by his predecessor. It is also a term of this contract that no person other than the Director (Marketing) or a person nominated by such Director of the Corporation as aforesaid shall act as arbitrator, hereunder. The award of the arbitrator so appointed shall be final conclusive and binding on all parties to the agreement subject to the provisions of the Arbitration Act, 1940 or any statutory modification or re-enactment thereof and the rules made there under for the time being in force shall apply to the arbitration proceedings under this clause.

- b) The award shall in writing and published by the Arbitrator within two years after entering upon the reference or which such extended time not exceeding further twelve months as the sole Arbitrator shall be a writing under has own

hands appoint. The parties here to shall be deemed to have irrevocably given their consent to the Arbitrator to make and publish the award within the period referred to herein above and shall not be entitled to raise any objection or protest there to under any circumstances whatsoever.

- c) The arbitrator shall have power to order and direct either of the parties to abide by, observe and perform all such directions as the arbitrator may think fit having regard to the matters in difference i.e., dispute before him. The arbitrator shall have all summary powers and may take such evidence oral and/ or documentary, as the

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arbitrator in his absolute discretion thinks fit and shall be entitled to exercise all powers under the Arbitration Act, 1940 including admission of any affidavit as evidence concerning the matter in difference i.e., dispute before him.

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- d) The parties against whom the arbitration proceedings have been initiated, that is to say the Respondents in the proceedings, shall be entitled to prefer a cross-claim, counter-claim or set off before the Arbitrator in respect of any matter an issue arising out of or in relation to the Agreement, without seeking a formal reference of arbitration to the Director for such counter-claim, cross or set off and the Arbitrator shall be entitled to consider and deal with the same as if the matters arising there from has been referred to him originally, and deemed to form part of the reference made by the Director.
 - e) The arbitrator shall be at liberty to appoint, if necessary, any accountant or engineering or other technical person to assist him and to act by the opinion so taken.
 - f) The arbitrator shall have power to make one or more awards whether interim or otherwise, in respect of the dispute and difference and in particular will be entitled to make separate awards in respect of claims or crossclaims of the parties.
 - g) The arbitrator shall be entitled to direct any one of the parties to pay the costs of the other party in such manner and to such extent as the arbitrator may in his discretion determine and shall also be entitled to require one or both the parties to deposit funds in such proportion to meet the arbitrators' expenses whenever called upon to do so.
 - h) The parties hereby agree that the courts in the city of Amethi, alone shall have jurisdiction to entertain any application or other proceedings in respect of anything arising under this agreement and any award or awards made by the Sole Arbitrator hereunder shall be filed in the concerned courts in the city of Delhi only.

GENERAL CONDITIONS OF CONTRACT (GCC)

1.0 GENERAL:

1.1 Bidders are requested to carefully study all the tender documents and understand tender conditions, specifications etc. before quoting the rates. In case of any doubt, written clarification should be obtained but this shall not be a justification for late submission of the tender or request for extension of tender opening date. Tenders should strictly be in

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accordance with our specification and terms and conditions.

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1.2 The Bidder should ensure that all the enclosures with all the pages are received by them and uploaded on Gem website as per tender condition within due date and time. Any claim for non-submission of any of the document on Gem website due to network failure / downloading – uploading problem or otherwise will not be entertained.

1.3 Documents with respect to BQC / Technical along with copy of “EMD instruments” shall be scanned and uploaded in Gem website along with filled details as per Annexures.

1.4 The documents include specification, terms and conditions, details of the Bidders & details of the relationship with BPC Directors and Price Bid etc. All the enclosed tender documents, including this document, will be a part of the contract.

1.5 Tender should be submitted only in prescribed GeM website duly signed by vendor's own DSC. Violation of this provision will automatically debar the tender from consideration.

1.6 All the tenders and subsequent communications, if any, should be submitted **on Gem Website /Contact person with respective tender number within the time and date mentioned on the website.**

1.7 When the person signing the tender / agreement is not the sole proprietor or authorized representative of the company, the copy of Power of Attorney or a Notarized Certified Copy thereof, authorizing such person to act and sign on behalf of the company must be attached along with supporting documents before signing the documents.

1.8 Tenderers should not make any alterations modifications in the tender documents. If it is found that any Bidder has modified the tender documents such tenders will be disqualified.

1.9 Whenever there is a duplication of clause either in the terms and conditions or in the agreement, the clause, which is beneficial to the Corporation will be considered applicable at the time of any dispute.

2.0 PRICE:

2.1 Bidder should read the terms and conditions carefully and quote their rates. Quantities
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mentioned in the tender document are tentative. The rates quoted by the Bidder shall remain

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firm irrespective of the quantity of cylinders tested. The quoted rates shall be firm till the date of placement of work order on the successful bidder or as specified in NIT, whichever is later. For successful bidder finalized rates will remain firm till completion of work order irrespective of quantity allocated.

2.2 For Rejection of Material for quality reason at plant: Charges towards testing will be borne by company whereas rejected material will be uplifted from plant by vendor on their cost.

2.3 Escalation / De-escalation on rates: There will be no escalation / de-escalation on any elements during the period of the Contract.

3.0 It shall be understood that every endeavor has been made to avoid errors which can materially affect the basis of tender and the successful bidder shall take upon himself and provide for risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.

4.0 Bidders are expected to submit their offers without any counter conditions. Bidder's submission of documents on GeM website through DSC is considered total acceptance of the terms and conditions. Hence, repeatedly the acceptance need not be mentioned in the Bidder's offer. However, tender documents have to be filled in wherever required and scanned copy of filled pages shall be uploaded on the website.

5.0 PAN NO. & PARTNERSHIP DEED:

5.1 PAN No. of proprietor in case of proprietorship firm/PAN no in the name of firm in case of any other firm/limited company.

5.2 A copy of the partnership deed should accompany the tender if the tender is a partnership firm.

6.0 GST REGISTRATION DETAILS:

As mentioned under special clauses on Taxation under Special terms and conditions of contract and GCC.

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7.0 SECURITY DEPOSIT (SD) CUM PERFORMANCE GUARANTEE(PG)

Successful Bidders, who are exempt from EMD would also be required to submit Security Deposit cum Performance Guarantee within 15 days of the acceptance of the Letter of Intent (LOI). Details of security deposit cum Performance Guarantee are as follows:

- (a) The Security Deposit cum Performance Guarantee amount shall be Rs. 1.0 lakhs . The same can be deposited in the form of demand draft / BG within 15 days of the acceptance of the Letter of Intent (LOI) towards liabilities recoverable from the repairer. BG, if submitted, shall be valid for the contract period plus 3 months. No interest is payable on Security Deposit cum performance guarantee.
- (b) Any loss/damage arising out of the Contract and/or loss of equipment would be adjustable against the SD cum PG and/or Safe Custody deposit. Any damages in excess of the Security Deposit will be recovered from payments due to the DPT vendor under this contract or deposits/payments due to the same vendor under any other contract.
- (c) Security Deposit cum Performance Guarantee would be refunded only after 3 (Three) months of the satisfactory completion of the contract.

SPECIAL CLAUSES ON TAXATION:

Clause No.	Description
	DEFINITIONS
1	Contractual period / Work Completion Period /Contractual Delivery Date / Contractual Completion Period shall mean the Scheduled Delivery / Completion Period as mentioned in the LOA (Letter of Acceptance) or Purchase Order or Work Order and shall also include approved extensions, if any.
	GENERAL
1	Where any portion of the GCC/any other section of tender, is repugnant to or at variance with any provision of the Standard Taxation Condition (STC), then the provision of the STC shall be deemed to override the provisions of the GCC and shall, to the extent of such repugnance or variations, prevail.
2	For the purpose of this STC, the term “tax” in addition to tax imposed under CGST (Central Tax)/SGST (State Tax)/IGST (Integrated Tax)/UTGST (Union Territory Tax)/ GST Compensation Cess Acts, also includes any duties, cess or statutory levies levied by central or state authorities.

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3	Rate variation in Taxes and any new promulgated taxes after last date of the submission of price bid only on the final product and/or services (applicable to invoices raised on BPCL) within the contractual delivery date /period (including extension approved if any) shall be on BPCL's Account against submission of documentary evidence. Further, in case of delay in delivery of goods and/or services, any upward rate variation in Taxes and any new promulgated taxes imposed after the contractual delivery date shall be to the Seller's / Contractor's Account. Similarly in case of any reduction in the rate(s) of the Taxes between last date of submission of price bid relevant to the Contract and the date of execution of activities under the contract, the Contractor shall pass on the benefit of such reduction to BPCL with the view that BPCL shall pay reduced duty/Tax to Govt.
4	Wherever any escalation / de-escalation linked to raw material price (Basic price excluding taxes) is allowed as per terms of the contract, Variation to the extent related to escalation / de-escalation of value of material shall be allowed without Tax unless specified otherwise.
5	It would be the responsibility of the contractor to get the registration with the respective Tax authorities.
Claus e No.	Description
	Any taxes being charged by the Contractors would be claimed by issuing proper TAX Invoice indicating details /elements of all taxes charged and necessary requirements as prescribed under the respective tax laws and also to mention his correct and valid registration number(s) along with BPCL's registration number as applicable for particular supply on all invoices raised on BPCL. Contractor to provide the GSTIN number from where the supply is proposed to be under taken. Further the HSN Code / Service Accounting Code (SAC) as applicable for the subject tender needs to be provided in the columns provided in the technical bid. In case the contractor is opting for Composition scheme under the GST laws (i.e Section 10 of the CGST Act, 2017 and similar provisions under the respective State / UT law), the contractor should confirm the same. Further the contractor to confirm the issuance of Bill of Supply while submission of tender documents and no GST will be charged on BPCL. In case the contractor is falling under Unregistered category, the contractor should confirm the same.
6	The contractor would be liable to reimburse or make good of any loss/claim by BPCL towards tax credit rejected /disallowed by any tax authorities due to non deposit of taxes or non updation of the data in GSTIN network or non filling of returns or non compliance of tax laws by the Contractor by issuance of suitable credit note to BPCL. In case, contractor does not issues credit note to BPCL, BPCL would be constrained to recover the amount including interest payable along with Statutory levy/Tax, if any, payable on such recovery.
7	Tax element on any Debit Note / Supplementary invoice, raised by the contractor will be reimbursed by BPCL as long as the same is within the permissible time limit as per the respective taxation laws and also permissible under the Contract terms and conditions. Contractors to ensure that such debit Notes are uploaded while filing the Statutory returns as may be prescribed from time to time.

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8	The contractor will be under obligation for quoting/charging correct rate of tax as prescribed under the respective Tax Laws. Further the Contractor shall avail and pass on benefits of all exemptions/concessions/benefits/waiver or any other benefits of similar nature or kind available under the Tax Laws. In no case, differential Tax Claims due to wrong classification of goods and/or services or understanding of law or rules or regulations or any other reasons of similar nature shall be entertained
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	by BPCL.
9	In case, BPCL's Input Tax Credit (ITC) is rejected on account of wrong levy of tax i.e. payment of Integrated Tax in place of Central Tax+ State/Union Territory Tax or vice versa, the contractor is liable to make good the loss suffered by BPCL by issuance of suitable credit note to BPCL. In case, contractor does not issue credit note to BPCL, BPCL would be constrained to recover the amount including interest payable along with Statutory levy, if any, payable on such recovery.
10	In case the contractor is opting for Composition scheme under the GST laws, in such event the evaluation of his bid will be based on the Quoted Price. In case the contractor is falling under Unregistered category, then GST liability, if any, on BPCL will be included for the purpose of evaluation.
11	In case, BPCL is eligible to avail Input TAX Credit (ITC), the same shall be reduced from the delivered price to arrive at the net landed cost.
12	BPCL shall reimburse GST levied as per invoice issued by the Contractor as prescribed under section 31 of the CGST Act and respective states and Rules.
13	To enable BPCL to avail ITC, the contractor/supplier shall furnish/submit any and all certificates, documents and declarations as are required by BPCL to avail of the ITC with respect to GST reimbursed by BPCL on materials sold to BPCL.
14	Invoice should be raised as per Tax Rates mentioned in the BIDs and in case at the time of raising Invoice if the invoices raised are not as per Tax rates mentioned in the bid, payment will be limited to the rate quoted as per BID subject to increase /decrease in Rates after last date of submission of Price Bid provided delivery is within the Contractual period.
16	ROAD PERMIT /WAY BILL
16.1	BPCL will issue Road Permit/Way Bill, by whatever name it is called, to the Contractor only in those cases where materials is purchased by BPCL directly and/or BPC is statutorily required to issue the Road permit/Way Bill, by whatever name it is called. Contractor will be under obligation for proper utilization of road permits for the specific supply and in case of seizure of goods/vehicle; the Contractor will be wholly responsible for release and reimburse the litigation cost to BPCL.
16.2	BPCL shall on no account be responsible for delay or hold up due to the timely non availability of such documents as are required to be furnished by the owner to obtain the Road Permit/Way bill, by whatever name it is called. However, BPCL shall make best efforts to provide sufficient number of Road Permits/way bill, by whatever name it is called. on demand to avoid any delay or Hold up.
17	Works Contract

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17.1	Works contracts as defined under the GST law includes Contracts for Building, Construction, Fabrication, Completion, Erection, Installation, fitting out, Improvement, Modification, Repair, Maintenance, Renovation, Alteration or Commissioning of any immovable property wherein transfer of goods is involved in the execution of such contracts. Composite Supply has been defined as supply in which two or more supply of goods or service or both or any combination are naturally bundled and supplied in conjunction with each other in the ordinary course of Business, and then the rate as applicable for principal supply will be applicable on the entire transaction. Mixed supply has been defined as supplies of goods or service or both which are made in conjunction with each other for a single price and which does not constitute a composite supply then the rate as applicable for the highest rate will be applicable. In view of the above various definitions under GST law, bidders are required to evaluate the jobs to be undertaken covered under the tender and quote accordingly by taking in to account the nature of Job read with the legal provision.
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17.2	The place of supply in relation to an immovable property shall be the location at which the immovable property is located or intended to be located. Hence the bidders have to seek registration at the locations where the work is intended to be carried out.
17.3	In case, BPCL is eligible to avail Input TAX Credit (ITC), the same shall be reduced from the delivered price to arrive at the net landed cost. BPCL shall reimburse GST levied as per TAX invoice issued by the Contractor as prescribed under respective GST Acts and Rules. In case the contractor is not permitted to issue Tax Invoice the same should be clearly mentioned in the price Bid.
17.4	To enable BPCL to avail ITC, the contractor/supplier shall furnish/submit any and all certificates, documents and declarations as are required by BPCL to avail of the ITC with respect to VAT reimbursed by BPCL on materials sold to BPCL
17.5	Invoice should be raised as per Tax Rates mentioned in the BIDs and in case at the time of raising Invoice if the invoices raised are not as per Tax rates mentioned in the bid, payment will be limited to the rate quoted as per BID subject to increase /decrease in Rates after last date of submission of Price Bid provided delivery is within the Contractual period.

Vendor's Remark

I have understood special terms and conditions, Scope of work and general terms and conditions and is ready to perform the job in its accordance.

Signature:

Name:

Date:

Vendor's stamp:

DATE

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**CHECK LIST FOR SUBMISSION OF DOCUMENTS UPLOADED**

S. N.	Description	Format	Yes / No/ NA
i.	EMD / exemption documentation, if applicable, as per GeM bid conditions bidders are registered under MSE such as EM II certificate or Udyog Aadahar in case of MSE registered parties.	(EMD) or PDF (MSE)	
ii.	Copy of Work Orders	PDF	
iii.	Copy of completion of Work Orders	PDF	
iv	Registration Certificate as per detailed given in BQC	PDF	
v	GST registration certificate	PDF	
vi.	Annual turnover as per detailed given in BQC	PDF	
vii.	Other financial documents, if required by the approved BQC	PDF	
viii.	1. VENDOR Creation Template along with necessary document 2. Partnership deed(If applicable) 3. Power of Attorney duly notarized as per applicability	PDF	
ix.	Signed, stamped copies of Techno commercial bid document	PDF	

I am the competent authority authorised to sign this Tender.

Signature:_____

Full Name:

(Signed as Proprietor/Partner/Director/POA*)

* Power of Attorney meeting the law of land. : Original POA holder to sign and not by any authorized representative.

Rubber Stamp :

Address:

DATE

SIGN AND STAMP OF TENDERER

**UNDERTAKING –TO BE SUBMITTED ALONGWITH TECHNICAL BID**

Name of Work:

Tender No:

We confirm that we have quoted the rates in this tender considering inter-alia the

- 1.** Tender Documents
- 2.** Additional Documents (if any)
- 3.** BoQ Document (Price Bid Format)
- 4.** Corrigendum (if any)
- 5.** Pre-Bid Meeting minutes (if any)

We _____ (Name of the Tenderer)hereby certify that we have fully read and thoroughly understood the tender requirements and accept all terms and conditions of the tender including all corrigendum/addendum , if any and minutes of the pre bid meeting. In event of our offer found technically acceptable and contract is awarded to us, the complete tender document shall be considered for constitution of the Contract Agreement.

Signed for and on behalf of Tenderer(s)

Name of Tenderer(s)

DATE: _____ PLACE: ____

Seal & Signature of Tenderer

DATE

SIGN AND STAMP OF TENDERER



—
NOTE: This declaration should be signed by the Tenderers authorized representative on COMPANY LETTERHEAD who is signing the Bid and scanned copy to be uploaded.

STATEMENT OF TECHNICALS – DECLARATION

I/We agree that the rates offered shall remain valid for acceptance by you up to 365 days from the date of closing of tender and if the offer is withdrawn before the said date, the EMD furnished by me / us is liable to be forfeited. The Earnest Money Deposit has been paid by me/us and it is agreed that the amount so deposited is refundable to us after finalization of the tender and subject to our fulfilling the terms and conditions of this tender. In case we are awarded the job, the EMD paid by us can be released only on payment of Security Deposit by me/us.

I/We hereby agree to abide and fulfill the terms and conditions set out in the General and Special conditions of this contract and the Agreement papers as attached which shall be deemed to form a part of this tender. I/We return herewith the same duly attested on each page of this tender in token of my/our acceptance thereof.

I/We hereby further agree to seek the prior approval of Bharat Petroleum Corporation Limited, whether before or after acceptance of my/our tender that before making any change in the constitution of my/our firm either by the death or otherwise. It is further agreed that any change in the Constitution of the firm without prior written approval shall not be binding on the Corporation and shall entitle the Corporation to terminate or any action as deemed fit by the Corporation at its sole discretion.

I/We hereby declare that this tender and the Corporation's acceptance to be communicated to me/us by registered letter shall constitute a binding contract till such time the final Agreement is signed by me/us.

I/We hereby confirm that mine/ours is a firm registered under (a) or (b) :

- (a) Indian Partnership Act, 1932
- (b) The Indian Companies Act, 1956

I/We have noted that the Corporation reserves that right to accept/reject any tender which may/may not fulfil any of the conditions containing above in the enclosed agreement form without assigning any reasons whatsoever.

Seal and date

Signature:.....

DATE

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Name:.....
(Director
/Partner/Proprietor)

Name & address of firm :.....

Note: Strike out whichever is not applicable. This declaration should be signed by the

Tenderers authorized representative on company letter head who is signing the bid & scanned copy to be uploaded.

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DECLARATION „A“

We have carefully studied the tender and submit our offer after having fully understood the same. We hereby agree to abide by and fulfill all the Terms and Conditions incorporated in the Agreement which should be deemed to form a part of this tender.

Date :

Place : Signature of Bidder with Seal

DECLARATION „B“

We declare that we do not have any employee who is related to any employee of the Corporation We have the following employees working with us who are near relative of the Corporation.

Name of the Employee	Name and Designation of the Officer of the Of the Bidder Corporation
----------------------	--

- | | |
|----|-------|
| 1. | <hr/> |
| 2. | <hr/> |
| 3. | <hr/> |
| 4. | <hr/> |

Date :

Place : Signature of Bidder with Seal

DATE

SIGN AND STAMP OF TENDERER



PROFORMA OF DECLARATION OF BLACK LISTING/HOLIDAY

LISTING (On Non-Judicial Stamp Paper of requisite value duly notarised)

In the case of a Proprietary Concern:

I hereby declare that neither I in my personal name or in the name of my Proprietary concern M/s

_____ which is submitting the accompanying Bid/Tender nor any other concern in which I am proprietor nor any partnership firm in which I am involved as a Partner, are presently or have during the past three years, been placed on any black list or holiday list declared by Bharat Petroleum Corporation Limited. Or by any department of any Government (State, Provincial, Federal or Central) or by any Public Sector Organization in India or in any other country nor is there pending any inquiry by Bharat Petroleum Corporation Limited. Or any Department of the Government or by any Public Sector Organization in Indian or in any other country in respect of any corrupt or fraudulent practice(s) against me or any other or my proprietorship concern(s) or against any partnership firm(s) in which I am or was at the relevant time involved as a partner, except as indicated below:

(Here give particulars of blacklisting or holiday listing, an/or inquiry and in absence thereof of state "NIL")

In the case of a Partnership Firm:

We hereby declare that neither we, M/s _____, submitting the accompanying Bid/Tender nor any partner involved in the said firm either in his individual capacity or as proprietor or partner of any other firm or concern presently are or within the past three years have been or has been placed on any blacklist or holiday list declared by Bharat Petroleum Corporation Limited. Or by any department of Government (State, Provincial, Federal or Central) or by any Public Sector Organization in India or in any other country nor there is any pending inquiry by Bharat Petroleum Corporation Limited. Or by any Department of any Government (State, Provincial, Federal or Central) or by any Public Sector Organization in India or in any other country, in respect

DATE

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of corrupt or fraudulence practice(s) against us or any partner or any partner or any other concern or firm of which he is proprietor or partner, except as indicated below:

(Here give particulars of blacklisting or holiday listing and/or inquiry and in the absence thereof state "NIL").

DATE

SIGN AND STAMP OF TENDERER

**In the case of Company:**

We hereby declare that neither we or a parent, subsidiary or other company under direct or indirect common parent (associate company) are presently nor have within the past three years been placed on any holiday list or black list declared by Bharat Petroleum Corporation Limited. Or by any Department of any Government (State, Provincial, Federal or Central) or by any Public Sector Organization in India or in any other Country: and that there is no pending inquiry by Bharat Petroleum Corporation Limited. Or by any Department of any

Government (State, Provincial, Federal or Central) or any Public Sector Organization in any country against us or a parent or subsidiary or associate company as aforesaid in India or in any other country, in respect of corrupt or fraudulent practice(s), except as indicated below:

(Here give particulars of blacklisting or holiday listing and/or inquiry and in the absence thereof state "NIL")

It is understood that if this declaration is found to be false in any particular, Bharat Petroleum Corporation Limited. Shall have the right to reject my/our bid, and if the bid has resulted in a contract, the contract is liable to be terminated without prejudice to any other right or remedy (including black listing or holiday listing) available to Bharat Petroleum Corporation Limited.

Place

Signature of Bidder with Seal

DATE

SIGN AND STAMP OF TENDERER

Page 42 of 49



INDEMNITY BOND UNDERTAKING FOR GST

(Required in case of non-availability of GST number)

(This undertaking shall be submitted on stamp paper of appropriate value)

We hereby confirm that we have submitted our response to the above-mentioned tender.

We hereby mention that we do not have GST Registration No. as on date of submission of our response to the subject tender.

We hereby confirm that we shall obtain GST Registration No. as per applicable statutory rules in case of award of works by Bharat Petroleum Corporation Limited within 6 weeks from the date of receipt of Work Order.

We also hereby confirm that we shall submit our bills for payment only after submitting necessary documentary proof towards GST issued by Govt. .

Signature:

Name & Address Seal:

Date:

DATE

SIGN AND STAMP OF TENDERER



**PROFQRMA OF
BANK
GUARANTEE**

**(On non-judicial paper of appropriate value)
FOR EARNEST MONEY / SECURITY DEPOSIT TOWARDS PERFORMANCE**

To

Bharat Petroleum Corporation Ltd.

Dear Sirs,

M/s. _____

_____ have taken tender for the work

_____ CRFQ No/PO No

_____ for Bharat Petroleum Corporation Ltd.

The tender Conditions of Contract provide that the Contractor shall _____ pay a sum of Rs.

_____ (Rupees

_____) as earnest money/security deposit in the form therein mentioned. The form of payment of earnest money/security deposit includes guarantee executed by Scheduled Bank, undertaking full responsibility to indemnify Bharat Petroleum Corporation Ltd. in case of default.

The said _____ have approached us and at their request and _____ in consideration _____ of the _____ pre mises we _____ ha ving our office at _____

_____ have agreed to give such guarantee as hereinafter mentioned.

1. We _____ hereby undertake and agree with you that if default shall be made by M/s. _____

_____ in performing any of the terms and conditions of the tender or in payment of any money payable to Bharat Petroleum Corporation Ltd. We shall on demand pay to you in such matter as to you may direct the said amount of Rupees _____ only or such portion thereof not exceeding the said sum as you may from time to time require.

2. You will have the full liberty without reference to us and without effecting this guarantee postpones for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with the said

DATE

SIGN AND STAMP OF TENDERER



___ and to enforce or to for bear from endorsing any power of rights or by reason of time being given to the said which under law relating to the sureties would but for provision have the effect of releasing us.

3. Your right to recover
the said sum
of Rs. _____

_____ (Rupees _____)

from us in manner aforesaid will not be affected or suspended by reason of the fact that any dispute or disputes have been raised by the said M/s. _____

_____ and/or that any dispute or disputes are pending before any officer, tribunal or court.

4. The guarantee herein contained shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the said

_____ but shall in

all respects and for all purposes be binding operative units payment of all money due to you in respect of such liabilities is paid.

5. Our liability under this guarantee is
restricted to Rupees _____ Our

guarantees shall remain in force until

_____ unless

s a suit or action to enforce a claim

under _____

_____ Guarantee is filed against us within six months from _____ (which is

date of expiry of guarantee) all our rights under the said guarantee shall be forfeited and shall be relieved and discharged from all liabilities thereunder.

6. We have power to issue this guarantee in your favour under Memorandum and Articles of Association and the undersigned has full power to do under the Power of Attorney dated _____ granted to him by the Bank.

Yours faithfully

DATE

SIGN AND STAMP OF TENDERER



____ Bank by its Constituted Attorney
Signature of a person duly authorized to sign on behalf of the bank.

DATE

SIGN AND STAMP OF TENDERER

**BHARAT PETROLEUM CORPORATION LTD ACKNOWLEDGEMENT**

We, M/s. _____ having
office at _____

_____ received the copy of GENERAL CONDITIONS
OF CONTRACT and confirm our acceptance to all the terms and conditions as
mentioned herein in this General Conditions of Contract and we are hereby
returning this copy of Acknowledgement duly signed.

For & on behalf of M/s.

Signature : Name : _____

Designation :

(Seal / Stamp)

Place :

Date :

DATE

SIGN AND STAMP OF TENDERER



MEMORANDUM OF AGREEMENT

An agreement made this _____ day _____ of _____ 20____ between BHARATPETROLEUM CORPORATION LIMITED a Company Incorporated in India and having its registered office at Ballard Estate, Mumbai, (herein after referred to as 'the Company' which expression shall include its heirs, legal representatives, successors and permitted assignees) of the one part, and

(herein after referred to as "The Contractor" which expression shall include its heirs, legal representatives, successors and permitted assignees) of the other part, whereby it is agreed: -

1. The Contractor shall carry out and complete the work as mentioned in the Purchase order/ContractNo. _____ dated _____, (hereinafter referred to as "the work") for the Company at its specified site to its complete satisfaction in accordance with the specifications, schedule of rates and plans attached as per Purchase order/Contract and with the instructions given from time to time, by the Company's authorized engineer under whose supervision the work shall be- executed. The parties hereto agree that this agreement shall be effective from the date of the aforesaid Purchase Order/Contract.
2. **Inspection of site:** The Contractor has been given an opportunity before or at the time of the entrusting of the work to him of making an inspection of the site to set at rest any doubt he may have had about the difficulties attending his offer, and any difficulties which may be met with by him in the course of the execution of the work shall neither relieve him from fulfilling the terms of this Agreement, nor entitled him to claim extra payment or an extension of the period stipulated for the completion of the work, except where it will be agreed by the Company's authorized Engineer that such difficulties could not have been foreseen.
3. **Supply of Labour and Materials:** The Contractor shall furnish all labour, materials, equipment or tools necessary for the construction of the work, except such materials, equipment or tools as will be supplied by the Company and are detailed in Purchase order/Contract. The contractor will assume full responsibility for the protection and safety of the work during its construction. The details and dimensions shown on the said plans referred to in the Purchase order/Contract shall be strictly adhered to by the contractor and no alterations shall be made therein unless previous sanction

DATE

SIGN AND STAMP OF TENDERER



thereto has been given in writing by the Company.

DATE

SIGN AND STAMP OF TENDERER



- (a) The Contractor shall prepare detailed and shop drawings and any other data required.
- (b) All materials supplied by the Contractor shall be of the best quality. The Contractor shall at his own cost arrange for and/or carry out any test of materials, which the Company's authorized Engineer may require.
- (c) The Contractor shall at the request of the Company's authorized Engineer immediately dismiss from the work any person employed thereon who, in the opinion of the Company's authorized Engineer, is unsuitable or incompetent or who, has been guilty of misconduct, and such person shall not again be employed or allowed on the works without the permission of the Company, in writing.
4. **E. & O. E.** No advantage is to be taken either by the Company or the Contractor of any clerical error or mistake, which may occur in the specification, schedule of rates, plans, tender or any other papers supplied to or by the contractor in connection with the work.
5. **Damage on account of Incomplete work:** The Contractor shall commence the work and shall complete the work as mentioned in Purchase order/Contract failing which the Contractor shall pay or allow to the Company to recover as liquidated damages, at the rate of minimum 0.5% per week of delay or part thereof up to a maximum of 5% of the total contract value, if Liquidated damages clause is made applicable in the contract. Such damages may be deducted by the Company from any amount due to the contractor; otherwise they shall be recoverable by lawful means.
6. a) **Determination of the Agreement:** The company shall, at any time, be entitled to determine and terminate the contract, if in the opinion of the company, the cessation of the work becomes necessary owing to paucity of funds or for any other cause whatsoever. On such determination / termination, the cost of approved materials, brought by the contractor and lying at the site, at current market rates as verified and approved by company's engineer and of the value of the work done to date by the contractor shall be paid for in full at the rate specified in the contract. A notice in writing from the company to the contractor of such determination and termination and reasons therefore shall be the conclusive proof of the fact that the contract has been so determined and terminated by the company. Should the contract be determined as above and the contractor claim payment to compensate expenditure incurred by him in the expectation of completing the work, the company shall consider and admit such claim as are deemed fair and reasonable and are supported by the vouchers to satisfaction of the engineer-in-charge. The company's decision on the necessity and propriety of such expenditure shall be final and conclusive and binding on the contractor. The contractor shall not be entitled to get any possible loss of profit that he could have earned had the contract been not determined / terminated under the above clauses of this

DATE

SIGN AND STAMP OF TENDERER



article.

b) Termination/Offloading: The contractor fully understands that timely completion of the work as per the schedule is of paramount necessity as

DATE

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otherwise it would lead to adversely affecting the schedules of other works/project with resultant financial and other losses to the Company. In view of this, the contractor unconditionally agrees and binds himself to be liable for all the consequences for non-completion of the work within the stipulated time. In case a situation is brought about by

the contractor warranting termination/off-loading of the whole or any part of the work for any reason whatsoever, the Company shall have the liberty and right to entrust/engage/award the work so terminated off loaded at the risk and cost of the contractor to any other agency/contractor by adopting any mode of inviting tenders, i.e. open/limited/single party/negotiation basis etc. in order to ensure completion of the work as per the schedule or at the quickest possible time.

7. **Defective Work / Materials:** If the work done by the Contractor or any part thereof shall be found defective in workmanship or by reason of bad or inferior materials used, then in such case he shall at his own risk and cost without delay, demolish all such defective work and rebuild or replace the same in a satisfactory manner. The Company may, if necessary, at the cost and risk of the Contractor, temporarily stop all other activities by the Contractor in connection with the work until such time as the defective work has been rebuilt or replaced at the Contractor's cost. In case of default on the part of the contractor to remove defective work and rebuild or replace the same without delay and in a manner satisfactory to the Company, the Company shall be entitled to employ another Contractor or its own workman to carry out the removal and rebuilding or replacing at the risk and cost of the contractor.
8. **Substitution of Contractor :** If the Company finds it necessary to employ a person or persons for the purposes provided in clauses 6 (b) and 7 above, then the Company may deduct and retain from out of the sums due to the contractor all such amounts as they may require to pay or to reimburse themselves there from in respect of the costs and expenses which they have incurred in completing the work and or in removing defective work and rebuilding or replacing the same in a manner satisfactory to the Company and if such amounts be more than the sums due or thereafter becoming due to the Contractor, than the balance, shall be a debt recoverable from the Contractor by the Company. The Contractor shall not in any manner do or cause to be done any act, matter or things whatsoever to prevent the person or persons so employed by the Company from removing defective work and re-building or replacing the same in a manner satisfactory to the Company and/or from, completing the work in the manner aforesaid.

9. **Removal of Material:** On the Determination of the Agreement as referred to in

DATE

SIGN AND STAMP OF TENDERER



Clause 6, the Contractor shall at his own risk and cost remove from site within Seven days all his materials, equipment and tools. It is agreed that in case of such determination the company shall be entitled to purchase from the Contractor such materials as will be approved by the Authorized Engineer of the Company at the prices then current. If the Contractor does not remove the other materials, equipment and tools which he has been asked to remove within the time prescribed as aforesaid, the Company may remove and sell the same holding the proceeds less the cost of storage, removal and sale to the credit of the Contractor. Should Company incur any loss in respect of the sale, it shall be entitled to recover same from the Contractor.

10. **Inspection of work:** Inspection will be made periodically during the progress of the work by the authorized Engineer of the Company and all work performed must be of acceptable quality of which the said Engineer-in-Charge will be the sole judge.
11. **Supervision:** The Contractor shall during the whole time the work is in progress, employ one or more competent and technical (B tech in mechanical) English-speaking Supervisors acceptable to the Company's authorized Engineer, one of whom at least shall be in constant attendance at the site while persons are at work there. Any directions, explanations, instructions, or notices in connection with the work given by the Company's authorized Engineer to these Supervisors shall be deemed to have been given to the Contractor.
12. **Payment:** The Company, in consideration of the contractor carrying out and completing the said work at the Company's said site, to the satisfaction of the Company, shall pay the contractor as per the said schedule of Rates, subject to deductions, retentions and abatements, if any to be made therefrom in accordance with the provisions of this Agreement. During the progress of the work and provided the work is progressing according to the time-table laid down to the contractor, the contractor shall be entitled once a month to receive advance payment on the above mentioned sum proportionate to such part of the work as shall have been executed during the preceding month but only after such part of the work as has been executed has been inspected and approved by the Company's authorized Engineer. From such interim payments each time 10% will be withheld as Security deposit and this 10% will be paid to the Contractor after the defect liability period, provided that any defects appearing during that period are corrected by him. OR 100% payment will be made on the basis of actual executed quantities after satisfactory completion and due certification by BPCL Engineer-in-charge. In lieu of 10% Retention money towards Security deposit, contractor shall submit bank guarantee of equivalent amount of retention money (10% of contract value) before submission of 1st Running

DATE

SIGN AND STAMP OF TENDERER



Account (RA) bill valid for defects liability period specified. Further, the Bank Guarantee shall have a claim period of six months beyond the date of expiry, and the same shall be mentioned clearly in the

DATE

SIGN AND STAMP OF TENDERER



Bank Guarantee.

13. **Defects after Completion:** Any defects which may appear within the defect liability period specified shall, upon the directions in writing of the Company and within such reasonable time as shall be specified therein be amended and made good by the Contractor, at his own cost unless the Company shall decide that the Contractor will be paid for such amending and making good, and in case of default on the Contractor's part, the Company may amend and make good or have amended and made good such defects and all damages, losses and expenses consequent thereon, incidental to those shall be borne by the Contractor and such damages, losses and expenses shall be recoverable from him by the Company or may be deducted by the Company from any moneys due to or thereafter becoming due to the Contractor. Alternatively, the Company may, in lieu of such amending and making good by the Contractor elect to deduct from any moneys due or thereafter becoming due to the Contractor a sum to be determined by the Company sufficient to cover the cost of amending and making good such defects, and in the event of the amount withheld in accordance with Clause 12 being insufficient, recover the balance from the Contractor together with any expenses the Company may have incurred in connection with such recovery. Should any defective work have been done or bad inferior materials supplied by any Sub-Contractor employed on the work, has been approved by the Company as provided in Clause 15, the Contractor shall be liable to amend and make good in the same manner as if such work or materials had been done or supplied by the Contractor. The Contractor shall remain liable under this Clause notwithstanding the signing by the Company's authorized Engineer of any certificate or the passing of any account.

14. **Alterations:** The Company reserves the right at any time to alter any quantities of any item indicated in the Purchase order/Contract, in which case the total amount payable to the Contractor shall be less or higher, proportionate with the reduction or increase in quantity of such item, allowance for which will be made at the Contractor's agreed rates.

15. **Subletting Agreement:** The Contractor shall not sublet or assign the work or any part thereof to another party without the written consent of the company and no such subletting or assignment shall relieve the contractor from the full and entire responsibility of his obligation under this Agreement.

16. **Cancellation:** The Company shall at any and all times during the period stipulated for the work, has the right forthwith to cancel this agreement by giving written notice thereof to the Contractor and in such case the

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Contractor shall be paid for such part of the work as has been executed by him up to the date of cancellation, on the basis of schedule of rates as per Purchase order/Contract and shall be

DATE

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reimbursed by the Company for the cost and expenses incurred by him but which would now be wasted as a direct consequence of the cancellation of the Agreement.

17. **Workmen's Compensation Liability:** The Contractor shall hold the Company harmless and indemnified from and against all claims, costs and charges for which the Company shall be liable under the Workmen's Compensation Act, 1923 and any amendments thereof and the expenses to which it shall be put thereunder, both in respect of personal injuries (within the meaning of the said Act) to the employees and servants of the Contractor or Sub-Contractors, (if any), arising out of, or occasioned during the currency of this agreement through the acts or omissions, whether due to negligence or not of the Contractor, Sub-Contractor and/or Company and/or their respective servants and employees and also in respect of the personal injuries (within the meaning of the said Act) to the servants and employees of the Company arising out of, or occasioned through the acts and omissions whether due to negligence or not of the Contractor, Sub-Contractor and or their servants and employees in carrying out any of the provisions of this Agreement. This indemnity shall be in addition to and not in lieu of any indemnity to which the Company shall be entitled in law. The Contractor shall at his own expense effect and maintain, until the completion of the work, with an approved office a Policy of Insurance in the joint names of the Company and the Contractor, against such risks and deposit such Policy or policies with the Company from time to time during the currency of this Agreement. The Contractor shall be responsible for anything not included in the Insurance Policies above referred to and also for all other damage to person or property arising out of or incidental to the negligent or defective carrying out of this agreement and shall keep the Company harmless and indemnified. He shall also indemnify the Company in respect of any costs, charges or expenses arising out of any claim or proceedings and also in respect of any award of compensation or damages arising therefrom. The Company shall be entitled to deduct the amount of any damages compensation costs, charges and expenses arising or accruing from or in respect of any such claim or damages from any sum or sums due or thereafter becoming due to the Contractor.

18. **Safety Regulation:** The Contractor shall ensure that he/his Sub-Contractor and his, or their personnel or representatives shall comply with all safety regulations issued from time to time by the Company or otherwise howsoever and should any injury resulting in death or not or damage to any property occur as result of failure to comply with such regulations the Contractor shall be held responsible for the consequences thereof, shall

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keep the Company harmless and indemnified.

19. Arbitration

DATE

SIGN AND STAMP OF TENDERER



_Any dispute or difference of any nature whatsoever, any claim, cross-claim, counter-claim or set off of BPCL against the Contractor or regarding any right, liability, act, omission on account of any of the parties hereto arising out of or in relation to this agreement shall be referred to the sole Arbitration of the concerned Director (herein after named as Director) of the BPCL or of some officer of the BPCL who may be nominated by the concerned Director. The Contractor will not be entitled to raise any objection to any such arbitrator on the ground that the arbitrator is an Officer of the BPCL or that he has dealt with the matters to which the contract relates or that in the course of his duties as an Officer of the BPCL he had expressed views on all or any other matters in dispute or difference. In the event of the arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, the Director as aforesaid at the time of such transfer, vacation of office Or inability to act may in the discretion of the Director designate another person to act as arbitrator in accordance with the terms of the agreement to the end and intent that the original Arbitrator shall be entitled to continue the arbitration proceedings notwithstanding his transfer or vacation or office as an Officer of the BPCL if the Director does not designate another person to act as arbitrator on such transfer, vacation of office or inability of original arbitrator. Such persons shall be entitled to proceed with the reference from the point at which it was left by his predecessor. It is also a term of this contract that no person other than the Director or a person nominated by such Director of the BPCL as aforesaid shall act as arbitrator, hereunder. The award of the arbitrator so appointed shall be final conclusive and binding on all parties to the agreement subject to the provisions of the Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof and the rules made thereunder for the time being in force shall apply to the arbitration proceedings under this clause.

a) The arbitrator shall have power to order and direct either of the parties to abide by, observe and perform all such directions as the arbitrator may think fit having regard to the matters in difference i.e. dispute before him. The arbitrator shall have all summary powers and may take such evidence oral and/ or documentary, as the arbitrator in his absolute discretion thinks fit and shall be entitled to exercise all powers under the Arbitration and Conciliation Act, 1996 including admission of any affidavit as evidence concerning the matter in difference i.e. dispute before him.

b) The parties against whom the arbitration proceedings have been initiated, that is to say the Respondents in the proceedings, shall be entitled to prefer a cross- claim, counter-claim or set off before the Arbitrator in respect of any matter an issue arising out of or in relation to the Agreement, without seeking a formal reference of arbitration to the Director for such counter-claim, cross or set off and the Arbitrator shall be entitled to consider and deal with the same as if the matters arising therefrom has been referred to him originally, and deemed to form part of the reference made by the Director.

c) The arbitrator shall be at liberty to appoint, if necessary, any accountant or engineering or other technical person to assist him and to act by the opinion so taken.

DATE

SIGN AND STAMP OF TENDERER



d) The arbitrator shall have power to make one or more awards whether interim or otherwise, in respect of the dispute and difference and in particular will be entitled to make separate awards in respect of claims or cross-claims of the parties.

e) The arbitrator shall be entitled to direct any one of the parties to pay the costs of the other party in such manner and to such extent as the arbitrator may in his discretion determine and shall also be entitled to require one or both the parties to deposit funds in such proportion to meet the arbitrators' expenses whenever called upon to do so.

f) The parties hereby agree that the courts in the city of Uttar Pradesh alone shall have jurisdiction to entertain any application or other proceedings in respect of anything arising under this agreement and any award or awards made by the Sole Arbitrator hereunder shall be filed in the concerned courts in the city of Uttar Pradesh only.

20. **Jurisdiction:** The contractor shall be governed by the Laws in force in INDIA. The contractor hereby submits to the jurisdiction of the Courts situated at Uttar Pradesh for the purpose of actions and proceedings arising out of the contract and the courts at Uttar Pradesh only will have jurisdiction to hear and decide such actions and proceedings.

21. **Minimum Wages:** The Contractor, his executors and administrators (and in the case of a Limited Company, its successors and assigns) shall hold the Company harmless and indemnified from and against all claims, costs and charges, for which the Company shall be liable under the Minimum Wages Act, 1948, the Contract Labour (Regulation and Abolition) Act, 1970 and any amendments or modifications thereof, and all expenses it shall be put thereunder through the acts or omissions whether willful or not on the part of the Contractor. This indemnity shall be in addition to and not in lieu of, any indemnity to which the Company shall be entitled in law.

22. **Employees State Insurance:** This Contractor hereby admits that he is fully aware of his responsibilities under the Employees State Insurance Act, 1948, as an immediate employer of the employees engaged by him for the execution of this contract which he agrees to discharge. The Contractor acknowledge the statutory right of the company (as a Principle Employer) to recover the amount of the contributions, paid by it in the first instance in respect of the employees employed by or through him (the Contractor), as well as the employee's contribution, if any, either by deduction from any amount payable to him by the Company under any contract or as debt payable by him to the Company.

In witness where of the said contracting parties have set their hands.

Witness _____

_____ For Bharat Petroleum

DATE

SIGN AND STAMP OF TENDERER



Corporation Ltd.
Petroleum Corporation Ltd.

For Bharat

Witness _____

Contractor's witness - Signature

Contractor's Signature

Vendor's Remark

I have understood special terms and conditions, Scope of work and general terms and conditions and is ready to perform the job in its accordance.

Signature:

Name:

Date:

Vendor's stamp:

DATE

SIGN AND STAMP OF TENDERER

FIRM NAME						
BPCL VENDOR CODE IF ANY						
						Date: [TO BE UPDATED]
BOQ FOR ARRIVING FINAL VALUE OF CONTRACT						
In-house statutory inspection/testing and DPT operations of LPG cylinders at Sultanpur LPG Plant. The quoted rate for each DPT cylinder shall cover the complete process described in the Scope of Work, including inspection, hydrostatic/pneumatic testing, cleaning, painting/marketing, valve refitting, certification and dispatch. Stenciling shall be paid only against the separate stenciling line item as defined in the tender; avoid double payment.						
S.N O.	BPCL SAP SERVICE CODES	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT (Rs.)
1	9018299	5 Kg Capacity Cylinder	Each	1000		
2	9018295	14.2 Kg. Capacity Cylinder	Each	240000		
3	9018296	19 Kg. Capacity Cylinder	Each	5000		
4	9001532	Stenciling of Cylinders	Each	5000		
					Total	0
					GST @ 18%	0
					Total (including GST)	0
1. Vendor shall quote all the line items. 2. Quotes Shall be submitted in technical evaluation all with all the documents. 3. For cylinder painting line items to be done for cylinders not due for testing and only external cleaning along caustic and then painting and stenciling is to be done. 4. For quoting the Stenciling items it is important to note that only stenciling of safety messages, emergency number, tare weight and net weight is to be done. 5. For cylinder due for testing all activities along with painting to be considered for bidding for DPT cylinder there will not be any separate payment for painting.						

FOREWORD

As per the Gas cylinder Rules 2004, all the LPG cylinders are to be inspected and tested to ensure the fitness of same for further use. The periodicity for inspection and testing of cylinder shall be as per. IS:8868- 1988 (07 years for 1st testing in case of new cylinders & subsequently after every 05 years for cylinders in use).

In order to have a uniform procedure in testing and inspection for LPG cylinders at various testing stations, Oil Industry felt that a code of practice be developed considering various statutory requirements. This code of practice has been prepared to provide necessary guidelines for the operations and inspection / testing procedures to be followed by the testing stations while executing the work of testing on LPG cylinders.

This code of practice has been developed taking the references of various Indian as well as International standards currently in practice and the same has been approved by Oil Industry Technical Committee.

The code was first published in March '92. Since there have been some revision in the applicable standards, this code is now being revised and republished.

Any suggestion for updating this code may be addressed to Oil Industry Technical Committee.

SUMMARY OF REVISIONS

The following revisions have been incorporated in this code of practice. These changes have come into fore on account of various amendments in BIS codes & Gas cylinder rules over a period of time.

- Gas Cylinder Rules have been updated as of 2004. All the references to this code of practice have been made in line with the current Gas Cylinder Rules.
- References to BIS standards have been updated in this code of practice
- Periodicity of Retesting has been elaborated in line with IS code & CCOE guidelines
- Pre-Inspection of cylinders is carried out as per IS 13258 instead of earlier code IS 5845.
- The hydrostatic test pressure specified is in MPa (2.45) to be taken as rounded off 25.0 kg/cm^2 instead of earlier used value of 25.35 kg/cm^2 .
- Loss of Tare weight in cylinders to be handled as per IS 13258 has been incorporated in this code of practice. Punching of loss of tare weight as LTW xxx on footing to be incorporated.
- Loss in wall thickness in cylinders as compared to design wall thickness & rejection criteria for same in line with IS 13258 has been incorporated
- Calibration cycle for Pressure gauges & other measuring equipments specified as per current guidelines.
- Procedure specified in IS 3196 (Part I) towards measurement of coat thickness for primer & paint has been incorporated.

- Pneumatic testing to be done at 12 kg/cm² .
- Colour coding for stenciling of next due test date on the inside of vertical stay plate has been specified for current use.

**CODE OF PRACTICE FOR
PERIODICE INSPECTION
AND TESTING OF LPG CYLINDERS IN USE**

1. SCOPE

1.1

This code specifies the requirements for periodic inspection, testing, maintenance and painting of LPG Cylinders having water capacity above 5 litre upto and including 250 litre.

2. TERMINOLOGY

2.1

For the purpose of this code, the definitions given in IS:7241-1981 and Gas Cylinder Rules 2004 shall apply.

3. GENERAL

3.1

All LPG cylinders shall be subjected to periodic inspection and test as per IS:8868-1988 (Periodical Inspection Interval for gas cylinders in use.). As per CCOE letter R.4/(2)85/II dtd. 19.06.1991, the periodicity and testing of new cylinders is seven years from the date of manufacture provided that:

- (i) If any surface defects are found on visual examination as per IS:13258, the cylinder shall be subjected to complete examination and testing irrespective of period
- (ii) Subsequent examination and testing shall be done within a period of every 05 years

3.2

The hydrostatic test pressure to be applied shall be 2.45 Mpa (25.00kgf/cm²).

3.3

Cylinders due for periodic inspection and test shall be identified primarily from the date of manufacture stamped on the cylinder or the last periodic test date stamped on the cylinder.

3.4

Any testing station desiring to obtain recognition for periodic testing and examination of cylinders shall provide the facilities set

forth in schedule

IV and shall submit to CCOE the particulars of the facilities provided & scrutiny fee specified in scheduled V of Gas cylinder rules 2004.

3.5

The various references which are necessary adjuncts to this code are given in Appendix-1

3.6

The various operations and their sequences are given in Appendix-2

4. SEGREGATION

4.1

All the markings of each cylinder shall be scrutinized to establish that it complies with the requirements of IS:3196-Latest and with any other statutory requirement applying to its use. The cylinder having lost its identity with respect to its original manufacturer, serial number, date of manufacture and the relevant code of manufacture shall be branded and declared unserviceable.

4.2

The cylinder found acceptable as per Clause 6.2 of this code shall be segregated separately for hot repairs.

5. PREPARATION

5.1 Removal of

Valve 5.1.1

All the cylinders shall be depressurized to atmospheric pressure. The contents shall be released in a safe manner.

5.1.2

The gas shall be cold flared by using a suitable adopter connected to a header. The gas so collected in the headers shall be finally vented through a piping above the roof level.

5.1.3

The adopter used for the purpose should not press the valve spindle beyond 2.5mm.

5.1.4

The valve shall be removed carefully after ensuring complete

depressurization. While removing the valve a suitable adopter and proper

fixture shall be used to ensure that valve or cylinder is not damaged. Preferably the Cylinder should be vertical at the time of valve removal.

5.2 Degassing of Cylinders

5.2.1

Work on LPG cylinders shall not be carried out in enclosed space prior to degassing.

5.2.2

Degassing to be carried out in CCOE approved site. Cylinders shall be degassed by purging the same by inert gas, steam or by filling water till it overflows. In case of purging by water, the water shall be retained for not less than one hour to ensure that entire vapour or gas remaining in the cylinder comes out. After emptying out the water, cylinders shall be kept in inverted position and be tapped gently by non-metallic hammer to remove dust, rust or any loose remnants in the cylinder.

5.2.3

After degassing the inside of LPG Cylinder shall be checked by explosive meter to ensure that the Cylinder is gas freed and shall again be taken up for degassing till it is completely gas freed.

5.3 External Cleaning

5.3.1

Each cylinder shall have the external surface thoroughly cleaned by caustic soda solution, non ferrous wire brushing and water jet. Care shall be taken to ensure that the body of cylinder is not damaged.

5.3.2

While cleaning the surface of cylinder by caustic soda solution or water jet, the bung of cylinder should be closed by suitable plastic/rubber cap to prevent entry of solution in to the cylinder.

5.3.3

Any suitable method of surface cleaning other than the methods as mentioned in clause No.5.3.1 and 5.3.2 may be used as agreed upon between the owner of cylinder and testing station.

6. EXTERNAL AND INTERNAL INSPECTION

6.1

All the cylinders shall be visually examined for dents, cuts, gouges, bulges, cracks, laminations, corrosion at external and internal surfaces of cylinder as per IS:13258-1991. Cylinders beyond the acceptable limits as specified in IS:13258-1991 shall be branded and declared unserviceable. Cylinders having wall thickness less than 90 percent of the designed wall thickness shall also be rejected.

The rejection criteria for cylinders will be recorded as per Appendix-5 (Attachment-I)

6.1.1

For checking the internal surface of cylinders, a low voltage lamp of suitable intensity shall be used.

6.1.2

Before carrying out the internal inspection of cylinders the inside portion of cylinders shall be properly cleaned by using vacuum pump, compressed/hot air and magnetic bar to remove any foreign particle and traces of water inside the cylinder.

6.2

Cylinders having damaged non pressure parts such as valve protection (VP) ring, foot ring etc. however acceptable as per 6.1 of this code, may be segregated for hot repair.

6.3 Valve Pad (Bung) Thread

Inspection 6.3.1

The thread of valve pad (bung) of each cylinder shall be checked by L- 1&L-9 plug gauge. The valve pad thread shall be properly cleaned by soft wire brush and 3/4".14 NGT thread cleaning tab before checking.

6.3.2

The cylinder of which the valve pad thread is worn out ,not meeting their respective thread gauge ,broken at any point, rough surface on threads shall be branded and declared unserviceable.

6.4 Tare Weight

Checking 6.4.1

After degassing and through external and internal cleaning, the cylinders shall be checked for tare weight.

6.4.2

Any cylinder having lost its weight by more than 5% of original tare weight shall be branded and declared as unserviceable.

6.4.3

While checking the tare weight, if disparity is observed as per Clause 6.4.2 a due consideration shall be given if the disparity has occurred due to change in type of valve, VP ring foot ring or other fitments. Where it can be clearly established that the disparity between the actual and stamped tare weight is not due to excessive corrosion the cylinder shall be taken for further operation.

7 HYDROSTATIC TEST

7.1

More than one cylinder may be tested at a time provided that they all have the same test pressure & that each individual test point is capable of being isolated.

7.2

The test pressure shall not be less than 2.45 Mpa (25.00kgf/cm²) as marked on the cylinder. A suitable device shall be employed to ensure that no cylinder is subjected to a pressure in excess by 1kgf/cm² to its specified test pressure.

7.3

The hydrostatic test pressure once attained shall be held for not less than 30 seconds and during the test period the pressure gauge used for registering the pressure shall not indicate any drop in pressure. While carrying out the inspection of cylinder(s) the external surface shall be totally dried by using compressed air for visual examination of leakage.

7.4

During the test period the cylinder(s) shall not show any sign of leakage, visible deformation or defect.

7.5

Any cylinder that fails to comply with 7.3 & 7.4 of this code shall be declared and branded as unserviceable, provided that the drop in pressure as mentioned in 7.3 has not taken place due to leakage in the fixture or the joints.

7.6

Calibration of equipments shall be carried out at periods not exceeding following:

- (i) Working Pressure Gauge - 01 month (Weekly for Hydrotest machine)
- (ii) Master Pressure Gauge - 06 month
- (iii) Weighing Equipment - Check by test weight daily when in service
- (iv) Test Weight - As per Weights & Measures or 02 years whichever is earlier

7.7

The fixture installed for hydrostatic test shall have covered shed with adequate illumination.

8.0 INTERNAL CLEANING AND DRYING

8.1

Subsequent to hydro-static test the remaining water inside the cylinder shall be completely removed. The internal surface shall be dried by compressed air/hot air and pump, the same shall be checked by low voltage lamp. If required the process as per clause 6.1.2 be repeated.

9.0 PAINTING

9.1.1

Cylinder(s) found acceptable in all the tests described above shall be taken for primer coating. Before applying the primer coat, it should be ensured that the external surface of cylinder is properly cleaned of dirt, dust and loose remnants of previous paints so that a uniform coating is obtained. The bung threads should be closed by a plastic /rubber cap to prevent the entry of primer and paint in to the cylinder.

9.1.2

The Zinc chromate primer used shall conform to IS : 2074 – 1992 and shall be of brushing consistency and suitable for spraying . It is desirable that the primer used is certified by BIS for its conformity to IS:2074 - 1992. The colour of primer should be of red oxide.

9.2 Signal Red Painting

9.2.1

After the cylinder(s) have been coated with primer, the cylinder(s) shall be left in air for drying. The drying time shall be as per paint manufacturer's/supplier's recommendations.

9.2.2

The signal red paints shall be based on the super synthetic enamel conforming to IS:2932- 2003 having the colour category No:23 (2)Signal red as per IS:2932-2003,which is also shade no 537 of IS:5-1994.

9.2.3

The paint shall be of brushing consistency and suitable for application by spraying. It is desirable that the paint used is certified by BIS for its conformity to IS:2932-2003.

9.3 General Requirements for

Painting. 9.3.1

Both the primer coating and signal red finish paint shall be applied on the external surface of cylinder by using a suitable pneumatic spraying gun in a fabricated painting booth having provision for water curtain draft and rotating arrangement for cylinder(s).

9.3.2

While applying the primer coating and final painting, care should be taken to ensure that the shadow zones such as surfaces under foot ring, VP ring etc. are properly coated.

9.3.3

A uniform coating of primer and finish paint shall be applied, the minimum coat thickness for both layers of primer and paint shall be as per the specification of concerned purchase order issued by respective Oil company.

9.3.4

Sufficient drying time should be provided after finish painting. The area around the bung within the VP ring shall be painted as per the requirements of owner of cylinders (oil companies)

9.3.5

The coat thickness for primer & paint surface has to be done in line with IS 3196 (Part I) as per the following procedure:

- a) Five gauge readings for each spot shall be taken moving the probe a short distance for each new gauge reading within an approximate area of 2 cm x 2 cm. Any unusually high or low gauge

readings that cannot be repeated consistently, needs to be discarded.

- b) Make five such spot measurements approximately evenly spaced over the surface of the cylinder.
- c) Each spot shall not be below 8 percent of the specified minimum thickness and average of the five spot measurements shall not be below the specified thickness.

9.3.6

For better results it is desirable that the primer and paint both are obtained from the same source.

10. TARE WEIGHING

10.1

The tare weighing shall be carried out including the weight of valve and safety cap.

10.2

The weighing scale used shall have a least count of not more than 20 gms. and the value of tare weight may be rounded to the nearest 100gms. as per IS:2-1960

11. MARKING / PUNCHING

11.1

After satisfactory completion of periodic inspection and testing, each cylinder found acceptable shall be marked with following on the vertical stays of cylinder.

- a) **The Identification mark of the testing unit as registered with Chief Controller of Explosives, Nagpur,**
- b) **The new test date retaining the previous test dates.**

Above is to be punched on the stay plate as per Appendix

3.

- c) **Loss in tare weight, if observed under 6.4.2 (within 5 percent of original Tare weight) is to be punched at the footing as per**

Appendix 3

12. STENCILING

12.1

The cylinders so marked shall be taken for stenciling of tare weight, net weight and next due date for testing. The colour coding for stenciling of next due test date shall be as per Appendix-4.

12.2

The stenciling, its size, colour and locations shall be as per requirement of owner of cylinder.

12.3

The stenciling of Safety messages & other information on the cylinders is to be done as per the requirement of the respective Oil company. However the necessary drawings shall be referred to maintain Font type, size & colour for putting the messages.

13. VALVE FIXING

13.1

Each valve shall be fitted with a suitable torque wrench or pneumatic device at a torque of 145 ± 15 ft. lb. using Teflon tape or any other jointing compound approved by Oil Industry to ensure a seal between the valve and the bung joint. A suitable adpater shall be used to prevent any damage to valve fixing operation.

13.2

Before valve fixing operation the valve pad (bung) threads shall be cleaned by using $\frac{3}{4}$ " – 14 NGT cleaning tap and wire brush. Subsequently the same shall be checked as per Clause 6.3 of this code.

13.3

Before valve fixing, the internal of cylinder shall be dried out by compressed air, foreign particles etc. shall be removed by bar magnet and checked by low voltage lamp.

14.0 PNEUMATIC TEST

Each cylinder after it has been fitted with valve shall be tested for leakage by subjecting to air pressure of not less than 12 kgf/cm^2 for

a period of one minute while immersed in water and shall show no leakage from the body of the cylinder and the joint between valve and bung. This test shall be carried out after fixing the safety cap on the valve.

15. RECORD KEEPING & CERTIFICATE

15.1

Record shall be maintained for all tests and inspections at the cylinder testing station and copies shall be made available to statutory authority if required. A certificate with respect to fitness of cylinders shall be issued and records be kept safely.

15.2

The recording procedure to be followed is explained in Appendix-5.

16.0 HANDLING OF REJECTED CYLINDERS

16.1

All rejected cylinder shall be marked prominently with paint showing the reason of rejection. Following code shall be used.

HST-R	—	HST Testing
PT-R	—	Pneumatic Testing
TW-R	—	Tare weight loss
BT-R	—	Bung thread rej.
VI-R	—	Visual insp. rej.
MU-R	—	Marking unidentified
HR	—	Hot Repair

APPENDIX 1

LIST OF REFERENCES

1. Gas Cylinder Rules 2004
2. IS:3196-1992 Welded low carbon steel gas cylinder exceeding 5 litres water capacity for low pressure liquefiable gases.
3. IS:4379 – 1981 Identification of contents of industrial gas cylinders.
4. IS:13258 – 1991 Code of practice for visual inspection of LPG cylinders in use.
5. IS:7241 – 1981 Glossary terms used in gas cylinder technology.
6. IS: 8868 – 1988 Periodical inspection interval for gas cylinders in use.
7. IS : 2074 – 1992 Ready mixed paint, air drying, red oxide zinc chrome priming.
8. IS : 2932 – 2003 Enamel, synthetic, exterior (a) Undercoating, (b) Finishing.
9. IS : 5 – 1994 Colours for ready mixed paints and enamels.
10. IS-2-1960 Rules for rounding off numerical values.

APPENDIX 2

SEQUENCE OF OPERATIONS FOR STATUTORY PRESSURE TESTING OF LPG CYLINDERS

1. Receipt of cylinders.
2. De-pressurizing
3. Recording details (like Sr. No., Test Dates, Tare weight, Manufacturer's name)
4. Valve removal
5. Degassing
6. External surface cleaning
7. Internal cleaning and internal inspections
8. Visual Inspections of external surface and bung threads by L-1 and L-9 plug gauges.
9. Tare weight checking
10. Hydrostatic testing
11. Internal cleaning and checking
12. Primer coating
13. Signal red painting
14. Punching of new test date and repairer's identification mark.
15. Tare weighing.
16. Colour code painting to indicate ownership of cylinders, stenciling new tare weight, net weight and next test date.
17. Tapping the bung thread, cleaning the same by brass wire brush and checking the bung threads by L-1 & L-9 plug

- gauges.
18. Valve fixing
 19. Pneumatic test
 20. Certificate and dispatches.

APPENDIX 3

DETAILS OF MARKING ON STAY PLATE



XXX: IDENTIFICATION MARK OF TESTING STATION
YYY: MONTH AND YEAR OF TEST DATE

DETAILS OF MARKING ON FOOT RING



ZZZ : LOSS IN TARE WEIGHT IN GMS.

APPENDIX 4

LPG: EQ: 11

16.02.2011

Note to: All Territory Managers/ Territory Coordinators

Subject: Colour coding scheme for Cylinders due for retesting

The colour scheme for painting the due date for next statutory testing (hydro testing) shall be as under:

Year of the Test Due Date		Background Colour	Shade no as per IS 5	Lettering Colour	Shade no as per IS 5
2016	2026	Salmon Pink	443	Black	521
2017	2027	India Brown	415	White	127
2018	2028	Satin Blue	177	Black	521
2019	2029	Bus Green	299	White	127
2020	2030	Black	521	White	127
2021	2031	Yellow	355	Black	521
2022	2032	White	127	Black	521
2023	2033	Sea Green	217	Black	521
2024	2034	Dove Gray	694	Black	521
2025	2035	Aircraft Blue	108	White	127

Note:

1. First pressure testing for cylinders manufactured after April' 2000 is 10 years.
2. All subsequent retesting for cylinders in circulation shall be carried out after 05 years of previous pressure testing.

Example:

1. Cylinders segregated for pressure testing in 1st quarter of year 2011 having stenciling as A- 11, shall after the retesting be stenciled as A- 16 (i.e., 1st quarter of year 2016) with Black colour lettering on Salmon Pink colour background. Similarly when the same cylinder is further segregated in 1st quarter of year 2016 having stenciling as A – 16, shall after retesting be stenciled with year of retesting as A – 21 (i.e., 1st quarter of year 2021) with Black colour lettering on Yellow colour background.

Thanking you,

Yours Faithfully,
For Bharat Petroleum Corporation Limited

(Sanjay Phull)
Manager (Inspections)

APPENDIX-5

PROCEDURE FOR RECORD KEEPING

Since the cylinders received at Retesting Stations will be of different serial numbers of different manufactures, the recording and handling of cylinders should be done with proper care to ensure a systematic and batch- wise movement of cylinders so that there is no mix up resulting into escape of few operations. Following methods are suggested for handling and recording of cylinders.

1. On receipt of cylinders, from a batch of suitable number of cylinders preferably one day's production.
2. Record the details of cylinders as per the Attachment-1 of this appendix. This is called as ROUTE CARD. The format is to be printed on thicker card as this will move along with the batch and shall be handled at the shop floor to avoid mutilation and tearing off. The important stages where the recordings are to be made are given in the Route Card. On completion of operation/inspection, the concerned inspecting staff shall sign on the card with date and forward the same to the next stage. By following this procedure it may be noted that recording of Sr. No. of cylinders, Test dates, Name of manufacture at all the stages is avoided.
3. IT is advisable that the allotment of batch number is linked with year and month of testing. Eg. 05 A - XX which indicates 05 as the year of testing, A for the month of January, B for the month of February etc. and XX is the control number for the month as 1, 2, 3... This procedure provides necessary assistance in monitoring the control on the production as well as for easy access to a certain cylinder if any information is required in future.
4. The format of certification will be as per Attachment No. 2 and Annexures. The various reasons of rejection shall be coded as given in Rout Card and marked on the back of Annexure II of Attachment 2.

Name of LPG Cylinder Testing
Station:

APPENDIX -5
ATTACHMENT-1

ROUTE CARD

Owner of LPG Cylinders ... IOC / BPC / HPC

Batch number..... Batch Size..... Date:

Control No.	1	2	
Sr. No. of LPG Cylinders			
Name of Manufacturers			
Date of Manufacture (i.e. first Test Date)			
Previous Test Dates			
Internal & External Inspection			
Internal Inspection OK/Rej.			
External Inspection RT/HR/Rej*			
Tare Weight Check Ok/Rej.			
Hydrostatic test at 2.45 MPa (25.00 Kgf/cm ² OK/Rej.			
Tare Weight			
Old			
Ne			
w			
Bung threads rechecked OK/Rej.			
Final Inspection for marking, painting, stenciling			
and any other defects			
Accepted /Not Accepted			
Remarks, if Any			

Name & Signature of Inspector: _____

_____ Date of

Completion: _____

* RT - Accepted for retesting, HR-Hot Repair, Rej.

Rejected. The code used shall be as given below:

Bulge – E1 Burn - E2 Dent - E3, Dig-E4, Cut - E5, Pit - E6,
Line Corrosion -E7, General Corrosion -E8, Bung thread
damaged-E9, Identity lost -E10, Internal defect cannot
be assessed –I1, Wall thickness less than limits-I2

APPENDIX - 5
ATTACHMENT 2

NAME OF TESTING STATION:

CERTIFICATE ON PERIODIC TESTING OF LPG CYLINDERS

Certificate No:

Date:

AAA: This is to certify that LPG cylinders having nominal water capacity of liters as per ANNEXURE I belonging to IOC/BPC/ HPC have been found acceptable in visual inspection as per IS: 13258-1991 and Hydrostatic Test at 2.45 Mpa (25.35 Kgf/cm²) pressure as per IS: 3196- Latest. These cylinders are fitted with self closing (SC) type LPG valves as per IS: 8737 pt. II 1978 of type 1 threads (3/4"-14 NGT OF ANSI -B 57. 1 -1975)

BBB: The cylinder rejected/ recommended for hot repair are as per Annexure II

CCC: Batch No.

Batch Size

No .of Cylinders accepted:

No: of Cylinder Rejected:

Duration of Testing: From To

Certifying Authority

ANNEXURE - 1

NAME OF TESTING STATION:

LIST OF LPG CYLINDERS ACCEPTED

Owner of cylinders IOC/BPC/HPC Certificate

No. Date :

Sl. NO.	Cyl. No.	Name of Manufacturer	Date of Mfr	Tare weight	Old	New
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1

2

3

Certifying Authority.