

Schedule No. 1	<p>100255583 - 10 - M1060250510 - HYDROGEN,99.984%,GR1,IS 1090,46.7 L</p> <p>Technical Specifications-</p> <p>GAS,CHEMICAL TYPE :HYDROGEN PURITY :99.984% GAS GRADE :GRADE 1 CONTAINER TYPE :CYLINDER STANDARD :IS 1090 DEW POINT (-)40 DEGREE CENTIGRADE, OXYGEN CONTENT:4 PPM, VOLUMETRIC (WATER) CAPACITY:46.7 LITRE, PRESSURE:140 TO 150 KG/CM2, HYDROGEN GAS SHALL BE SUPPLIED IN HIGH PRESSURE HYDROGEN GAS CYLINDERS</p>
Schedule No. 2	<p>100255583 - 20 - Cost of valve</p> <p>Technical Specifications-</p> <p>Cost of valve</p>
Schedule No. 3	<p>100255583 - 30 - Cost of Spindle /Safety</p> <p>Technical Specifications-</p> <p>Cost of Spindle /Safety</p>
Schedule No. 4	<p>100255583 - 40 - Gland nuts</p> <p>Technical Specifications-</p> <p>Gland nuts</p>
Schedule No. 5	<p>100255583 - 50 - Painting charges per cylinder</p> <p>Technical Specifications-</p> <p>Painting charges per cylinder</p>
Schedule No. 6	<p>100255583 - 60 - Refitting charges of loose valve</p> <p>Technical Specifications-</p> <p>Refitting charges of loose valve</p>
Schedule No. 7	<p>100255583 - 70 - Oil degreasing charges</p> <p>Technical Specifications-</p> <p>Oil degreasing charges</p>
Schedule No. 8	<p>100255583 - 80 - Cylinder hydro testing</p> <p>Technical Specifications-</p> <p>Cylinder hydro testing</p>
Schedule No. 9	<p>100255583 - 90 - Safety cap charges</p>

	Technical Specifications- Safety cap charges
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Common Terms and Conditions applicable for all the line items.

1. Gas has to be supplied in NTPC Cylinders. However, in some cases the vendor may have to supply in his own cylinders, which will be returned while supplying the next consignment. NTPC will not pay any rent for the cylinders supplied by the party.

DELIVERY :

2. Delivery shall be made in a staggered manner, on as and when required basis. Validity of PO shall be 1 year from the date of PO or complete utilisation of quantity, whichever is earlier.
3. No. of Cylinders per trip shall be approx. 150 to 200 depending on the requirement at Station.
4. Transportation of Empty cylinders from NTPC to vendor's premises for refilling & transportation of filled cylinders to NTPC is in vendor scope. Loading and Unloading of empty & filled cylinders at NTPC end shall be under NTPC Scope. Loading and Unloading of empty & filled cylinders at Vendor's Work shall be under vendor scope.
5. Vendor has to collect empty cylinders and deliver back the filled cylinder within 7 days of intimation from NTPC STATION. In case of failure to supply the gases within the stipulated time frame, NTPC may arrange for gas supply from other sources at the risk and cost of the vendor.
6. NTPC will hand over the cylinders with caps, the vendor must return the cylinder with caps only, in case if vendor misplaces the caps and returns the cylinder without cap a penalty of Rs 500 per cap will be deducted from his bills.
7. While sending filled cylinders party must send the material gate pass copy which was issued while collecting the empty cylinders. Every cylinder must contain a label affixed on it with the name of the gas. Serial Number of cylinders being supplied should be mentioned in delivery challan.
8. Transporter should report in first half of the day at our site for Collection and delivery of the cylinders. Vehicle must accompany helper, original driving license (hard copy of license only allowed by CISF) with all safety PPEs required for handling empty/filled compressed gas cylinders.
9. Vendor should inform the healthiness of cylinders to NTPC before filling. If any spares are required to be replaced, the same is to be intimated to NTPC and clearance of EIC is required before carrying out the same. Cylinder maintenance / spares charges are to be quoted. Quantity mentioned for cylinder maintenance / spares charges is indicative only.
10. In case of any irreparable damage/ loss of cylinder during transportation/filling vendor will have to supply new Cylinder of same size and capacity with hydro static stretch test Certificate (which will be compliant to all statutory requirements).

PAYMENT :

11. Payment : Payment will be released to the party only if all the necessary certificates are submitted along with the supply of filled cylinders.
12. The following documents shall also be submitted during delivery:
Original Invoice b) Test/Purity Certificate

INSURANCE :

13. Separate Transit Insurance has to be taken by Vendor to meet any Unforeseen event like accident to vehicle, persons and cylinders.
14. Vendor will be responsible for any damages (to third party) which might happen during transportation/ filling.
15. Cylinders are NTPC property. Approximately 200 cylinders will be lying with vendor at the time of supply. Value of 200 cylinders is worth of Rs. 16,00,000 Lakhs. Vendor has to submit indemnity bond of equivalent amount to NTPC before taking out the cylinders from the plant premises. Validity of the indemnity bond will cover the entire contract duration which will be returned after completion of supply of gases/cylinders on certification of EIC.
16. The empty and refilled cylinders sent for refilling under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to supplier, transportation, storage and delivery. For delivery of goods at the purchaser premises, the insurance shall be obtained by the Supplier in an amount equal to 100% of the value of the goods and cylinders from "Warehouse to warehouse" (final destinations) on "All Risks" basis including war Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after final dispatch. The vendor shall indemnify, protect and save NTPC Ltd. against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from execution of this contract.

SAFETY :

17. Vendors need to strictly follow all safety and statutory requirements during transportation of filled and empty cylinders.
18. As cylinders are old, hydro static stretch testing, flushing, cleaning and purging of cylinders, double coating painting, punching and cleaning of cylinder valve, spindle and caps to be carried out/replaced and test certificate to be provided as per gas cylinder rule 2016. Cylinders must only be filled if they have Hydrostatic Stretch Test Certificate from PESO or from a PESO authorized testing facility.
19. The supplier shall ensure compliance of all safety and environmental rules for transportation, handling and storage of hazardous chemicals as per manufacturer, storage & import of hazardous chemicals rules 1989 including its amendment 1994 & 2000 (or latest) wherever applicable.
20. The party must ensure compliance of Gas Cylinders Rules 2016 (PESO).
21. THE BIDDERS MUST COMPLY WITH ALL THE PROVISIONS OF GAS CYLINDER RULES, 2016 IN RESPECT OF:
 - (a) FILLING, POSSESSION, IMPORT & TRANSPORT OF CYLINDER(RULE-3)
 - (b) RESTRICTION ON DELIVERY AND DISPATCH OF CYLINDER(RULE-10)
 - (c) LICENSE FOR FILLING AND POSSESSION (RULE-43)
 - (d) NO LICENSE FOR POSSESSION FOR IN CERTAIN CASES (RULE-44)
 - (e) ALL OTHER APPLICABLE RULES & SUB-RULES AGAINST ABOVE.

22. Cylinders shall always be transported in an upright position & be secured with clamping or chain or by use of a cylinder stand/cage to ensure they do not fall from their vertical storage position.

CERTIFICATION :

23. Vendor must submit Manufacturer Test Certificate of each lot of gas cylinder. Weight, Pressure and Purity will be checked with each consignment. However, cylinder shall be physically inspected on receipt at NTPC -STATION. Cylinder shall be rejected if the pressure is less than 140 - 150 KSC for 46-47 ltrs cylinder capacity. Vendor shall not supply by-product gases, and such gases will be rejected.
24. Vendor should have facility for carrying out the hydro static stretch testing of the cylinder if any cylinder hydro static stretch testing is required, it can be done by the vendor. Vendor has to submit Test Certificate for Leakage Test, Capacity & Hydrostatic Stretch Test as applicable along with the gas cylinder.
25. All Cylinders are complied with valid certificates like Manufacturer Test Certificates, Hydrostatic Stretch Test Certificates, PESO Certificates.
26. Waybill if applicable shall be arranged by Party.
27. Agency has to provide PESO certificate FOR STORAGE & FILLING OF GASES in the name of bidder or its principal manufacturer.