

BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD
MAINTANANCE & SERVICES DIVISION
TENDER DOCUMENT (TECHNO-COMMERCIAL CUM PRICE BID)

NAME OF WORK : **Servicing of ACS6000 Drive in Compressor Testing**

Tender Notice : **M&S/P&C/2025/63, dt. 15.10.2025**

Tender Due date : **16.10.2025 10:00hrs**

Bids Opening On: **16.10.2025 13.30 hrs**

S.No.	Description	Qty. (no. of days)	Unit Rate	Amount	Vendor's Acceptance for all terms and conditions including Amount
1	Service for ACS 6000 Drive	2	70000	140000	
Total : Rupees One Lakh Forty Thousand only				1,40,000.00	

Note: **GST will be Extra as applicable.**

S.No.	Terms and Conditions of Contract:	Vendor's Acceptance
1	Contract Duration: One month from the scheduled commencement date in PO. However, number of actual working days during this period is two.	
2	Payment: 100% against completion of work and submission of bills certified by the executing officer.	
3	All the terms & conditions of the contract with respect to Taxes & Duties are subject to the GST taxation laws. Standard GST Clauses are as per Annexure - I.	
4	Penalty is applicable in case of delay in execution of work beyond completion period. Rate of penalty applicable is 0.5 % per week or part thereof to a maximum of 10% on total contract value.	
5	EMD: waived off.	
6	Security Deposit: waived off.	
7	Warranty: 6 months from date of completion of repair work at BHEL.	
8	Rates shall be firm during the contract period. Bonus, Overrun Compensation (ORC): not applicable.	
9	Tender document should be complete in all respects.	

Contact details for further communication:

Contact person:

Mobile No.:

Email id:

Signature and Seal of the Contractor

Annexure - I (Standard GST Clauses)

1. All invoices (incl. Credit Notes, Debit Notes) to contain BHEL HPEP GSTIN i.e. 36AAACB4146P1ZG. Invoices submitted should be in the format as specified under GST Law. All details as mentioned in Invoice Rules including Dealer GST registration number (GSTIN), invoice number with date of issue, quantity, rate, value, taxes with nomenclature – CGST, SGST, UGST, IGST mentioned separately, HSN Code / SAC Code etc.
2. Reimbursement of GST amount will be made only upon completion of the following:
 - Bidder declaring such invoice in their GSTR-1 Return/ IFF
 - Receipt of Goods or Services and Submission of Tax invoice by BHEL
 - The tax invoice is reflected in the GSTR2B of BHEL, HPEP (buyer). Payment of GST will be made only if it is matching with data uploaded by the Bidder in GST portal.
3. In case of discrepancy in the data uploaded by the bidder in the GSTN portal vis-a-vis the tax invoice or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit. The same would be available in PRADAN Portal for the bidder's information. Bidder has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims for processing of such invoices.
4. In cases where invoice details have been uploaded by the bidder but failed to remit the GST amount to GST Department within stipulated time, then GST on the invoices in default will be recovered from the bidder along with the applicable interest.
5. In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, such GST amount will be recoverable from bidder along with interest levied/leviable on BHEL.
6. Under GST regime, BHEL has to discharge GST liability on LD recovered from bidders. Hence applicable GST shall also be recoverable from bidders on LD amount. For this Tax Invoice digitally signed will be issued by BHEL indicating the respective supply invoice number. The same can be downloaded from PRADAN Portal.
7. GST TDS deducted as per GST Act, is uploaded in GSTN portal along GSTR7. Bidders can directly download the GST TDS Certificate from the GSTN Portal.
8. Bidders to note that Rules & Regulations pertaining to E-way bill & E-Invoicing system are to be strictly adhered to, as and when notified by Govt. authorities.

Signature and Seal of the Contractor

SAFETY:

(1) All safety equipment such as safety belts, helmets & other equipment (as required for this work) are to be positioned by the contractor and used as per requirement.

(2) Any casualty or damage caused to the property or person by any untoward incidents while executing this contract will be at the contractor's risk & cost.

(3) Violation of applicable safety, health & environment related norms, a penalty of Rs.5,000.00 (Rupees Five thousand only) per occasion shall be imposed on the contractor.

(4) Violation as above resulting in any physical injury to the contractor's workmen, a penalty of 0.5% of the contract value shall be imposed (maximum of Rs.20,000.00) for each injury case in addition to Rs 5,000.00 as mentioned above at Sl. No. 3.

(5) **COMPENSATION IN CASE OF DEATH / PERMANENT INCAPACITATION OF PERSON DUE TO UNINTENDED / UNFORESEEN OCCURRENCES:** Any compensation paid to victim / legal heirs of the victim shall be recovered from Contractor, agency or firm, if the accident is attributable to negligence of Contractor, agency or firm or any of its employees.

(a) *Victim: Any person who suffers permanent disablement or dies in an accident as defined below.*

(b) *Accident: Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the execution of works /manufacturing / operation & maintenance of works incidental thereto at BHEL Factory / Offices and precincts thereof, project execution, erection and commissioning, services, repairs and maintenance, trouble shooting, serving, overhaul, renovation and retrofitting, trial operation, performance guarantee testing undertaken by the company or during any works / during working at BHEL Units / Offices / Townships and premises / Project sites.*

(c) *Compensation in respect of each of the victims:*

(i) *In the event of death or permanent disability resulting from loss of both limbs: amount as per The Employees' Compensation Act but not less than Rs.10,00,000/- (Rupees Ten Lakhs) whichever is higher;*

(ii) *In the event of other permanent disability: amount as per The Employees' Compensation Act but not less than not less than Rs 7,00,000/- (Rupees Seven Lakhs) whichever is higher.*

(d) *Permanent Disablement: A Disablement that is classified as a permanent total disablement under the proviso to Section 2 (I) of the "Employees Compensation Act, 1923".*

(6) *It is the SOLE RESPONSIBILITY of the Contractor to purchase and maintain required Insurance Policies for medical treatment for workplace injuries, ill health, compensation etc. throughout contract period, at Contractor's own cost, covering all the employees deployed in the work by the Contractor and also covering the third party personnel for the damage(s) caused, for whatsoever reason, by the Contractor or by the employees of the Contractor or machinery deployed by the Contractor, for arrangement of the Compensation Amount.*

If any amount / compensation is required to be paid by BHEL due to failure by the Contractor or due to delay in settlement of compensation, on account of release of such amount by BHEL, same shall be recovered from the Contractor's bills / any amounts lying with BHEL from any contract across pan BHEL, for which Contractor is solely responsible.

(7) **SAFETY OF MACHINES, EQUIPMENTS, TOOLS & TACKLES etc.:**

(i) The machines, equipments, tools & tackles of the Contractor brought inside BHEL to carry out the work(s) shall have valid test certificates from a competent authority / agency. Timely renewal of the certificates is to be done in case validity expires during contract period.

(ii) Contractor shall engage only trained and authorised persons to operate cranes, mobile crane / hydras, dozers etc.

(iii) Tools, tackles, slings, chain pulley blocks, D shackles of the Contractor brought inside BHEL to carry out the work(s) shall have valid "fit-to-use" / "fitness" certificate and same shall be inspected by the concerned departments/agencies and the safety officer before their use. Timely renewal of the certificates is to be done in case validity expires during contract period.

- (iv) Electrical portable tools of the Contractor like drilling machine, grinder, cutting machine, switch boards etc., & other electrical equipment shall be fit to use.
- (v) Contractor shall provide 3 pin industrial plug tops, switches & sockets with MCB / ELMCB / RCCB to all his Electrical portable tools and no loose / naked connections shall be permitted.
- (vi) Contractor shall provide and ensure that proper Earthing is available to all his electrical equipment, power tools and switch boards.
- (vii) Contractor's vehicles like tractors, tractor trolleys, trucks etc., engaged in the work shall possess valid fitness certificate, PUC, insurance etc., as per the MVI Act/Rules. Timely renewal of the certificates is to be done in case validity expires during contract period.
- (viii) Drivers engaged by the Contractor shall have valid driving license for the relevant type of vehicle.
- (ix) Contractor shall provide and ensure that flashback arrestors both at cylinder and torch end are properly installed to the gas cylinders, Oxy-Acetylene cutting sets.
- (x) Contractor shall provide and ensure that valve caps are fixed to the gas cylinders while carried / moved in trolleys and ensure chaining of cylinders at all times.

(8) SAFETY OF MANPOWER / PERSONNEL:

- (i) The contractor shall not engage a person who is less than 18 years of age.
- (ii) All persons deployed by the Contractor for the work inside BHEL shall be Medically Fit and fitness certificate to this effect shall be submitted at the time of applying for entry passes.
- (iii) All persons deployed by the Contractor for the work inside BHEL shall attend Safety Training Program provided by Safety Engineering Dept., without fail before obtaining entry passes and commencing the work by the Contractor.
- (iv) No contract labour will be allowed to enter into BHEL premises without PPEs (i.e., Safety Shoes & Safety Helmet etc.)
- (v) The contractor shall be responsible for safety of his workers while they are engaged for work connected with the contract. The Contractor shall be responsible for the appropriate usage of the Uniform and PPE's by their workmen.
- (vi) The Contractor shall comply with all the operational rules and regulations, including safety and security rules framed by the company from time to time wherein the Contractor or his workmen happen to be operating / working. In the event of any of the workmen of the contractor violating any of the said rules and regulations, the Contractor would be required to remove forthwith such workmen from the company's premises.
- (vii) The contractor shall follow safety rules and regulations as per provisions of Factories Act 1948, and Rules at his own expense and arrange for the safety provisions as appended to these conditions or rules framed by the government from time to time.
- (viii) It shall be contractor's sole responsibility to protect the public and his employees against accident from any cause and provide required safety equipment and shall indemnify BHEL against any claims for damages for injury to the person or property resulting from any such accidents and shall, where the provisions of the Employees Compensation Act and Public Liability Act as applicable, take steps to properly insure against any claims thereunder.
- (ix) In the event of any accident in respect of which compensation may become payable under the Employees Compensation Act, VIII of 1923 whether by the contractor or by BHEL as Principal Employer, it shall be lawful for BHEL to retain out of monies due and payable to the contractor such sum or sums of money as may, in the opinion of BHEL shall be final in regard to all matter arising in this clause.
- (x) Contractor shall conduct daily safety PEP talk / safety briefing before starting the works.
- (xi) BHEL has the right to direct the Contractor to remove from BHEL premises such personnel who may be physically or hygienically or clinically or medically unfit or who disobey safety norms or who cause safety hazard to themselves and/or to other personnel.
- (xii) Contractor shall, at his own cost, provide and ensure that while working on roofs / at heights, Roof Top ladders / Crawler boards / Duck ladders / Cat ladders etc., are used.
- (xiii) **SAFETY NET:** Contractor shall provide and ensure durable and good quality Safety Net covering at least double the work area is used and fastened firmly to permanent supports where height works or works at roof top are involved.
- (xiv) Contractor shall, at his own cost, provide and ensure that while working at guarded / unguarded elevated heights, double lanyard full body safety harness is anchored / fixed to a "fixed lifeline" and fastened properly and continuously by his manpower. Contractor shall also ensure that the safety net is erected such that it prevents falls when climbing, descending and moving at heights.

(xv) Contractor shall ensure that PPEs mentioned herein below are used by the workmen while working inside BHEL, as per work requirement.

(xvi) Wherever required / applicable, the Contractor shall also provide and ensure the usage of Retractable Fall Arresters (RFA) by the workers working above ground level.

(9) GENERAL SAFETY COMPLIANCES TO BE FULFILLED BY THE CONTRACTOR / CONTRACTOR'S PERSONNEL:

(i) Contractor, shall, at his own cost, provide and ensure standard scaffolding with suitable platform, toe guard, railing and proper approach for safe access to work area.

(ii) Contractor shall daily obtain "Safety Work Permit" such as Height Work Permit, Hot Work Permit, Excavation (Earth Cutting/Trenching) Permit, Confined Space Entry permit before commencing the work, and also if the work contains hot works, welding, cutting works at heights etc.

(iii) The contractor shall keep his work place clean and safe to avoid injuries to men and damage to finished products / equipment.

(iv) If any leakages are noticed from nearby LPG lines, valves, stop the work and inform the concerned.

(v) The work area shall be cordoned off by the contractor to avoid movement of other persons / vehicles.

(vi) The power tools used during the work shall be insulated and in good condition.

(vii) Unless otherwise required for the work, contractor shall ensure that the work area is free from inflammable materials.

(viii) While carrying out any repair works, nearby Liquefied Petroleum Gas (LPG) pipelines/Electrical lines shall be isolated.

(ix) Contractor shall provide fire retardant cover / enclosure for the LPG lines and other pipelines which require protection from fire.

(x) If any hazardous waste is generated during execution of work, the same shall be disposed suitably by the Contractor as per the applicable norms and procedures.

(xi) Contractor shall provide adequate number of suitable portable fire extinguishers and sand buckets to mitigate fire exigencies.

(xii) Water buckets / Fire Extinguishers shall be kept ready by the contractor to immediately put off any fire arising out in dry bushes, in & around the work area.

(xiii) The contractor and his workmen shall strictly follow the safety instructions at site/workplace as mentioned below:

- Compliance to the usage of Personal Protective Equipment (PPE) such as Full Body Safety harness, Safety Shoes, Safety Helmets and work-related other PPEs while doing the work.

- Ensuring safety & safe operation of the equipment brought from outside such as Gas Cylinders, Welding equipment, dismantling & lifting machinery/equipment etc.

(xiv) Continuous Supervision of the work and ensuring that the safety systems and procedures are implemented effectively during the work.

(xv) The working team / group shall always carry a First Aid Box with all relevant medicines.

(xvi) Dismantling, lifting plan / methodology along with safety measures / precautions to be followed during the work shall be submitted by the contractor before carrying out the work.

(xvii) The Contractor shall commence the work only after approval of this plan / methodology by BHEL.

(xviii) A display board with emergency contact numbers viz., fire station, ambulance, contract executing officer etc. shall be kept at the site by the contractor at his own cost.

(xix) Ignitable materials such as dry grass, weeds, or any other combustible materials shall be removed from the work area.

(xx) Warning Signs: Contractor at his own cost shall provide Display boards like "Work under Progress", "No Smoking" etc., at the work area.

(xxi) Any other safety instructions as stipulated by BHEL from time to time shall be complied with by the contractor and his personnel.

(xxii) Workmen insured under ESI Act and PF Act only shall be engaged in the work. The persons not covered under the provisions of ESI Act and PF Act shall not be permitted inside BHEL Factory. Entry Pass to the labour shall be issued only upon fulfilment of this clause and attending Safety Training.

(xxiii) Power shut down shall be taken by the contractor before commencement of the work wherever power cables are running.

(xxiv) No work shall be done on Sundays or on other declared Holidays of BHEL without the written permission of BHEL officer in charge of the work. The contractor shall comply with the provisions of the Factories Act 1948 if the same are applicable.

(10) DEPLOYMENT OF SAFETY SUPERVISOR:

For works involving Fabrication / Erection / Electrical works or height works /works at roof top, Contractor at his own cost shall deploy one exclusive and dedicated SAFETY SUPERVISOR to look after the compliance of Safety precautions & norms in coordination with BHEL's Contract executing agency and Safety Dept.

(11) LIST OF PPEs (Personal Protective Equipment):

The total safety of operation is Contractor's responsibility. Contractor shall provide the following compulsory and work-related PPEs to each workman, at his own cost. He shall provide additional PPEs required if any, at his own cost, in executing the contract.

All these PPEs shall be of standards specified by BHEL safety engineering department.

Compulsory PPEs:

(i) Safety helmets

(ii) Safety shoes

Work related PPEs (as per Work requirement):

(iii) Safety goggles (UV Protective glasses)

(iv) Safety goggles for Grinders

(v) Hand shield

(vi) Head / Face shield

(vii) Hand gloves (leather) for material handling

(viii) Electrical Hand Gloves for working on electrical power lines

(ix) Cora cloth.

(x) Soap

(xi) Ear Plugs

(xii) Dust masks

(xiii) Full Body Safety Belts / Full Body Harness (Tested & examined once in every six months. Certificate to be submitted) in case of all height works.

(xiv) Fire retardant Protective Clothing and Aprons

(xv) Face Masks, gas mask, breathing apparatus & other equipment as required for the work etc.

(xvi) Any other relevant Personal Protective Equipment

Notes on SAFETY:

(i) Each & Every PPE item shall follow BHEL Safety Engineering Standards.

(ii) The Contractor shall provide and issue all PPEs to all his employees deployed under the contract at the beginning of the Contract.

(iii) *BHEL shall not pay or compensate any amount to the Contractor in providing the above or any other additional PPEs required for the work in complying safety norms or precautions.*

(12) CUTTING/REMOVAL AND SHIFTING OF STRUCTURAL MATERIAL:

The contractor shall ensure the following:

1) The Old structures shall be cut and removed in a phased & safe manner.

2) The work area and crane/hydra swing area shall be cordoned off to avoid movement of other persons/vehicles.

3) The crane/hydra must be positioned on rigid and levelled surface. If required, use rigid wooden blocks and steel plates of sufficient size to ensure crane/hydra stability and safety.

4) The tools & tackles used during the work shall be non-sparking type.

5) The cut portions of structures shall be loaded and moved from the site. Half cut and hanging structures shall not be left.

6) Assess the load of structure for proper selection and positioning of suitable crane/hydra.

7) Wherever the structures are entering/passing through the production shops, clearance shall be obtained from the concerned shops before commencing cutting works.