1.0 The following Additional Conditions of Contract shall be read in conjunction with General Conditions of Contract. If there are any provisions in these Additional Conditions of Contract, which are at variance with the provisions of General Conditions of Contract, the provisions in these Additional Conditions of Contract shall take precedence.

2.0 INTRODUCTION

National Physical Laboratory intended to Construct the Metrology Block at their Campus in Pusa, New Delhi.

3.0 SCOPE OF WORK INCLUDED IN THE CONTRACT

The scope of work included in this tender shall include (but not limited to) Detailed Design, Supply, inspection, delivery at site, installation, testing, commissioning & handing over to NPL/EPI of High Precision HVAC System for Metrology Block as specified in Technical specifications elsewhere. All designs and documents shall be approved by NPL/EPI. Manufacturing / Fabrication of equipment, ducting, piping, Electricals etc. shall commence only after approval of drawings by NPL/EPI.

4.0 QUALIFICATION OF TENDERERS

To be eligible for this tender the bidders should fulfill the requirements for eligibility as mentioned in the Notice Inviting Tender (NIT) and should submit detailed data and credentials set out in Cl 19.0 of ITT (Vol-I) & NIT (Vol. II A) of the Tender. The tenderers are required to fulfill all the eligibility criteria as stipulated in NIT and elsewhere in the Tender documents. The price bid of tenderers who fulfill the eligibility criteria as per evaluation of EPI shall only be opened. The decision of EPI in this regard shall be final & binding on the tenderers.

5.0 DISQUALIFICATION

The tenderers may note that they are liable to be disqualified and not considered for the opening of Price Bid if;

Representation in the forms, statements and attachments submitted in the pre-qualification document are proved to be incorrect, false and misleading. They have record of poor performance during the past 10 years such as abandoning the work, rescinding of contract for which the reasons are attributable to the non-performance of the contractor, inordinate delay in completion, consistent history of litigation / arbitration awarded against the
Additional Conditions of Contract

Engineering Projects (India) Limited

contractor or any of its constituents or financial failures due to bankruptcy etc. in their ongoing / past projects.
They have submitted incompletely filled in formats without attaching certified supporting documents and credentials to establish their eligibility to participate in the Tender.
If the tenderers attempt to influence any member of the committee.

EPI reserves its right to take appropriate action including disqualification of tenderer(s) as may be deemed fit and proper by EPI at any time without giving any notice to the contractor in this regard. The decision of EPI in the matter of disqualification shall be final and binding on the tenderers.

6.0 The set of tender documents shall contain tender drawings one set of hard copy. The original hard copy of tender drawings shall be returned along with the tender documents duly signed and stamped by the tenderer & shall form part of agreement.

7.0 CLAUSE NO.69.1 (IV) OF GCC STANDS MODIFIED AS UNDER:

If the rates for the altered, additional or substituted work cannot be determined in the manner specified in sub-clauses (i) to (iii) above, then the Contractor shall, within 7 days of the date of receipt of order to carry out the work, inform the Engineer-in-Charge the rates which he intends to charge for such class of work, supported by analysis of the rate or rates claimed, and the Engineer-in-Charge shall determine the rate or rates on the basis of prevailing market rates of the material, Labour, T&P etc. plus 15% (Fifteen percent) to cover the Contractors supervision, overheads and profit and pay the Contractor accordingly. The opinion of the Engineer-in-charge as to the current market rates of materials and quantum of labour involved per unit of measurements will be final and binding on the Contractor. However, the Engineer-in-Charge, by notice in writing, will be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner, as he may consider advisable. But under no circumstances, the Contractor shall suspend the work on the plea of non-settlement of rates of items falling under the clause.

8.0 THE CLAUSE NO.72.1 OF GCC SHALL BE REPLACED AS UNDER:

The Contractor shall ensure adequate progress during the execution of work according to the detailed Bar Chart / PERT chart so that the activities are completed in the period allowed in the completion schedule as given at S. No. 24.0 of Additional Conditions of Contract (ACC).

However, the Contractor shall also maintain monthly progress strictly in accordance with bar chart and / or detailed time schedule that will be worked out on the basis of completion schedule for various stages mentioned at Sl. No.24.0 of ACC. If the Contractor fails to maintain the above progress or to complete the work and clear the site on or before the contract or extended date of completion, he shall without prejudice to any other right or remedy of the EPI

Signature of Contractor 2 EPI
on account of such breach, pay as agreed compensation and not as penalty at the rate of one percent (1%) per every week of delay of the value of the work shown above if there is delay for a particular stage or the entire value of contract if the whole of the work is delayed.

The total amount of compensation payable by the Contractor for delay in stage-wise completion or completion of the whole work shall not exceed 10% of the total contract value as awarded.

9.0 CLAUSE NO. 72.4.1 OF GCC STANDS MODIFIED AS UNDER:

Within 10 (Ten) days of date of Letter of Intent, the contractor shall submit a Time and Progress Chart (CPM/PERT/Quantified Bar Chart) and get it approved by the Engineer-in-Charge. The Chart shall be prepared in direct relation to the time stated in the contract documents for completion of items / scope of the works. It shall indicate the forecast (milestones) of the dates of commencement and completion of various items trades, sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the contract documents, to ensure good progress during the execution of the work. The physical report including photographs shall be submitted by the contractor on the prescribed format & the intervals (not later than a month) as decided by the Engineer-in-Charge. The compensation for delay as per clause 72.1 (revised as per ACC) shall be leviable at intermediate stages also, in case the required progress is not achieved to meet the time deadlines of the completion period and/or milestones of time and progress chart provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the tendered value of work.

In case entire work is completed within the total time period of completion or extended period of completion allowed, the compensation for delay due to not achieving progress at intermediates stage, if any, shall be refunded without any interest charges.

10.0 PERFORMANCE SECURITY

Apart from furnishing Performance Bank Guarantee as per Clause No. 9.0 of GCC by the contractor, the Bank Guarantee charges incurred by EPI for furnishing Performance Security Guarantee to NPL shall be recovered from the contractor. (Not applicable)

11.0 ARBITRATION:

11.1 Clause no. 76.1 alongwith note

Deleted - There shall be no Arbitration Clause for this Contract except between Central Public Sector Undertakings inter se / Government of India Departments / Ministries as mentioned in the Clause No. 76.2 below:-
11.2 Clause no.76.2  ARBITRATION BETWEEN CENTRAL PUBLIC SECTOR ENTERPRISES INTER SE / GOVERNMENT OF INDIA DEPARTMENTS / MINISTRIES

i) In the event of any dispute or difference relating to the interpretation and application of the provisions of the contract, such dispute or difference shall be referred by either party to the arbitration as per the instructions (Office Memorandum / Circulars) issued by Govt. of India from time to time with regard to arbitration between one Government Department and another one Government Department and a Public Sector Enterprise and Public Sector Enterprise inter se.

ii) Subject to any amendment that may be carried out by the Government of India from time to time, the procedure to be followed in the arbitration shall be as is contained in D.O. No. DPE/4/(10)/2001-PMA-GL-I dated 22.01.2004 of Department of Public Enterprises, Ministry of Heavy Industries and Public Enterprises, Govt. of India or any modification issued in this regard.

12.0 CLAUSE NO.76.3, STANDS MODIFIED AS UNDER:

JURISDICTION:

The courts in Delhi/ New Delhi alone will have jurisdiction to deal with matters arising from the contract, to the exclusion of all other courts.

13.0 INSURANCE UNDER WORKMEN COMPENSATION ACT

The clause '18.0' at page 22 of General Conditions of Contract (GCC shall be replaced and read as under.

Contractor is required to take insurance cover under the workmen compensation Act, 1923 amended from time to time from an approved insurance company and pay premium charges thereof. Wherever required by EPI the contractor shall produce the policy or the policies of Insurance and the receipt of payment of current premium. In the event of an accident, any workmen employed by the contractor for execution of the works, suffers an injury or death and is to be compensated under the provisions sub-section (1) of section 12, of the workmen’s Compensation Act, 1923 by the contractor and if the contractor fails to compensate, the EPI / NPL shall be entitled to recover from the contractor the amount of the compensation so paid and, without prejudice to the rights of the EPI / NPL under section 12, sub-section (2), of the said Act.
EPI / NPL shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due to the Contractor whether under this contract or otherwise. EPI / NPL shall not be bound to contest any claim made against it under sub-section (1) Section 12, of the said Act, except security for all cost for which EPI / NPL might become liable in consequence of contesting such claim.

14.0 INDEMNITY AGAINST PATENT RIGHTS

The following Para shall be added to clause No. 20.0 of General Conditions of Contract as under:

The Indemnity against Patent rights shall be in the Joint Name of NPL and EPI.

15.0 INSURANCE OF WORKS

The Insurance coverage as stipulated in General Conditions of Contract (GCC) clause no. 17, 18 and 19 shall be in the combined name of NPL, EPI and the Contractor for a period of 12 months after Successful completion / handing over of work. The Insurance coverage shall be on the total value of work awarded to contractor by EPI.

16.0 CLAUSE NO.35.0 OF GCC STANDS MODIFIED AS UNDER:

SECURED ADVANCE AGAINST NON-PERISHABLE MATERIALS

The advance payment shall be up to 75% of cost of materials as shown in the vouchers or 75% of the rate of the item in the BOQ of detail estimate, whichever is lower, required for incorporation in the permanent works and brought to site and duly certified by EPI Site Engineer shall be paid to the Contractor for all non-perishable items as per CPWD/ MORTH (as the case may be) norms. The advance will be paid only on submission of Indemnity Bond in the prescribed pro-forma. The advance shall be recovered in full from next Running Account bill and fresh advance paid for the balance quantities of materials. The Contractor shall construct suitable godown at the site of work for safe storage of the materials against any possible damages due to sun, rain, dampness, fire, theft etc. at his own cost. He shall also employ necessary watch & ward establishment for the purpose at his costs and risks. Such secured advance shall be payable on other items of perishable nature, fragile and combustible with the approval of the Engineer-in-Charge provided the Contractor provides a comprehensive insurance cover for the full cost of such materials. The decision of the Engineer-in-Charge shall be final and binding on the Contractor in this matter. No secured advance shall however, be paid on high-risk materials such as ordinary glass, sand, petrol, diesel etc.
17.0 LAW GOVERNING THE CONTRACT

The following para shall be added to Clause No. 24.0 of General Conditions of Contract as under:

The laws applicable to the contract shall be the laws in force in India. The courts of competent civil jurisdiction at New Delhi shall have exclusive jurisdiction for this contract.

18.0 CONSTRUCTION POWER AND WATER SUPPLY:

The construction power and water shall be arranged by the contractor. However, depending upon the availability construction power and water, the same shall be made available to the contractor on chargeable basis at one point and further distribution shall be in his scope.

19.0 INSPECTION OF DRAWINGS:

Before filling in the Tender, the Tenderer will have to check up all Drawings and Schedule of Quantities, and will have to get an immediate clarification from the EPI on any point that he feels is vague or uncertain. No claim nor damages or compensation will be entertained on this account.

Figured dimensions are in all cases to be followed and in no case should they be scaled. Large scale details take precedence over small scale drawings, in case of the discrepancy, the Contractor is to ask for an explanation before proceeding with the work.

The successful tenderer on receiving the Letter of Intent shall furnish GA Drawings, within the time schedule mentioned elsewhere.

20.0 Payment Terms

Subject to deduction which EPI might be entitled to make under the contract, the contractor shall receive payment of contract value as follows:

Stage-I

5% of the contract value shall be paid on the fulfillment of the following conditions

a) Signing of the agreement.

b) Submission of Security Deposit cum Performance Guarantee as per Clause No.9 of GCC

c) Submission of GA drawings
Stage-II

65% of the contract value prorata (item wise) shall be paid on receipt of material at site and fabrication of piping and ducting after initial inspection of complete material and equipment by EPI or the inspection agency appointed by EPI.

Stage-III

10% of the contract value prorata (item wise) shall be paid on successful completion of erection/ installation of the HVAC system.

Stage-IV

10% of the contract value shall be paid after testing, commissioning & successful completion of running in period. Plant shall however, be taken over after the successful completion of running in period.

Stage-V

5% of the contract value shall be paid after successful completion of first seasonal test (summer or monsoon), which may be conducted during Guarantee Period/Defects Liability Period of 12 months.

Stage-VI

5% of contract value shall be paid after expiry of Defects Liability Period and upon rectification of defects to the satisfaction of Engineer-in-Charge. However all three seasonal tests shall have to be completed successfully during the Defects Liability Period of 12 Months, otherwise the Defects Liability Period will get extended till all the three seasonal tests are successfully completed. In case Contractor wants to take this amount after completing the works mentioned at Stage-I to Stage-V above, the same shall be released against a Performance Bank Guarantee of equivalent amount in EPI’s format. The BG shall remain valid for the total Defects Liability Period of 12 Months or extended period as the case may be.

21.0 For Dispatch of materials to Site, the HVAC System Manufacturer / Contractor shall mark consignee as self A/c NPL through EPI.

22.0 ROAD PERMIT:

Road permit for transportation of goods across state border shall not be issued by NPL / EPI and will have to be arranged by contractor on his own. Transit
Insurance of the equipment shall be arranged by the contractor. Nothing extra shall be paid on this account.

23.0 Invoice should be raised by Contractor in the name of EPI, NPL Site, New Delhi with copy to EPI, NRO.

24.0 COMPLETION SCHEDULE

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Period from the date of Start</th>
<th>Description of work to be completed during the period specified under column no. 2 (Milestone)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1. From the date of start of 1\textsuperscript{st} month to the end of 2\textsuperscript{nd} month</td>
<td>Submission of GA drawings.</td>
</tr>
<tr>
<td>2</td>
<td>2. From the mid of 2\textsuperscript{nd} month up to the end of 9\textsuperscript{th} month</td>
<td>Manufacturing &amp; Supply of Equipment, Fabrication of piping and ducting at site. All these items shall be inspected by EPI.</td>
</tr>
<tr>
<td>3</td>
<td>3. From the start of 7\textsuperscript{th} month up to the end of 11\textsuperscript{th} month</td>
<td>Installation testing &amp; commissioning of HVAC System.</td>
</tr>
</tbody>
</table>

25.0 The contractor shall comply with legal orders and by laws of other local bodies. The contractor shall give to the Municipality, Police, Local Bodies and concerned Governmental authorities all necessary notices relating to works that may be required under the law and obtain all requisite licenses, permissions for temporary obstructions, enclosures, collection and stacking of materials, etc. The contractor shall pay at his own cost all fees, taxes and charges that may be leviable on account of these operations in executing the contract. Nothing extra shall be paid by EPI on this account.

The contractor shall be bound to follow the instructions and restrictions imposed by the administration / Police authorities on the working and / or movement of labour, materials etc. nothing extra shall be payable due to less / restricted working hours at site or any detours in movement of vehicles.

26.0 GUARANTEE

The contractor shall guarantee the complete system to maintain the specified inside conditions under all conditions of ambience and internal loads. Also the inlet / outlet temperatures at the specified flow of water in the chiller at full load shall be guaranteed.

Screw chiller units shall be guaranteed for a period of 24 months and all other equipments shall be guaranteed for a period of 12 months from the date of taking over the installation by NPL / EPI, against unsatisfactory performance.
and / or break down due to defective design, workmanship or material. The equipments or components or any part thereof, so found defective, during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-In-Charge. In case it is felt by NPL / EPI that undue delay is being caused by the contractor in doing this, the same will be got done by NPL / EPI at the risk and cost of the contractor. The decision of the Engineer-In-Charge in this regard shall be final.

The High Precision HVAC System contractor shall guarantee the parameters mentioned in technical specifications for HVAC system and that the materials & workmanship of the equipment installed by him, under these specifications, shall be new and first class in every respect. He will make good any defect within 24 hours, which may develop within 12 months from the date of handing over of the installation after testing, commissioning & successful completion of running in period, without any extra cost to EPI / NPL.

Any leakage of refrigerant gas and / or oil due to defective design, manufacture, workmanship or installation during the guarantee period shall be made good by contractor free of charge including filling / top up of refrigerant gas and oil.

27.0 PERMITS AND INSPECTIONS

The High Precision HVAC System contractor shall obtain all necessary permits from local bodies, provincial or central authorities and shall make arrangement for inspection and tests etc. as required at his own cost.

28.0 The constructions of proposed Building being in Urban Area, the contractor shall have to make his own arrangements for getting the permission for plying trucks or any Plant & Equipment for execution of works from the Police Department at his own cost. No excuse as to delay in work due to non-availability of permission shall be entertained.

29.0 The work shall be carried out in accordance with the drawings approved by the EPI / NPL. Before the commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available there from is complete and unambiguous. The discrepancy, if any, shall be brought to the notice of Engineer-In-Charge before the execution of work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and / or incomplete information. Nothing extra shall be paid on this account.

30.0 The contractor shall give performance tests of the entire installation (s) as per specifications and drawings before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for these performance tests.
31.0 The contractor shall be bound to sign the site order book as and when required by Engineer-In-Charge at Site and carry out compliance of instruction promptly to the satisfaction of Engineer-In-Charge.

32.0 Bill of Quantities shall be read in conjunction with NIT, Instructions to Tenderers, General conditions of contract, Additional conditions of contract, Technical specifications, Drawings, Schedules, and Annexure & Addendum etc. to tender Document.

General directions and description of work and material are not necessarily repeated or summarized in the Bill of quantities. Reference to the relevant sections of the contract documents shall be made by the contractor before entering rates or prices against each item in the Bill of Quantities.

33.0 If the Headquarters of successful Contractor are elsewhere other than in New Delhi, he shall have a duly Authorized Agent in New Delhi from the commencement of the work until the building is occupied by the NPL. Such agent shall be authorized to act on behalf of the successful Contractor to accept service of notice of contract and to agree to extras, omissions and varied item of works and rates for the same. Such Agent shall maintain on his staff a qualified Engineer approved by the engineer-In-Charge and such office personnel as may be required for the efficient execution of works. Any notice under the contract shall be deemed to have been served on the successful Contractor if served upon such agent or sent by registered letter to his address. Such agent shall not be changed and shall not leave during the duration of the contract, unless the consent of the Engineer-In-Charge shall have been previously obtained. If the Engineer-In-charge orders to successful contractor to carry out any rectification under the terms of the contract after the building is completed, the successful Contractor shall carry out the same at his own cost and nothing shall be paid to him for this.

34.0 After completion of installation, testing and commissioning of the complete High Precision HVAC System as per tender specifications, the Contractor shall, however, provide proper training to the Owner's (NPL) employees / representatives (minimum 2 persons) for operation and maintenance of NPL System free of cost. The contractor shall issue a certificate that the High Precision HVAC System operator training is complete and contractor is fully satisfied with the operator's performance.

35.0 CARE OF BUILDING:

Care shall be taken in handling / stocking of material to avoid damage to the building. Any damages made to be buildings during installation of HVAC System shall be made good by the contractor on completion of the HVAC System installation contractor shall remove all debris and leave the machine room and other areas used by him in a clean state.
36.0 TEST CERTIFICATE

All manufacturer’s certificates of test showing that the materials have been tested in accordance with the requirements of the relevant standard specification and the copy of the test certificate as well as standard shall be supplied free of cost to NPL / EPI.

INSPECTION, TESTING AND ACCEPTANCE:

37.0 INITIAL INSPECTION AT MANUFACTURER’S WORK:

The Contractor shall submit the Inspection and Test Plan for all the materials to be procured as per BOQ for approval from EPI. The contractor shall furnish such facilities as will be necessary for inspection of the material before dispatch at his or his associate’s works and also for witnessing such tests as per technical specifications of HVAC System, as are done at the works if so required by NPL / EPI. The contractor shall give minimum two weeks notice regarding the dates proposed for inspections. The contractor shall submit list of test on components of HVAC System, which shall be carried out at manufacturer’s premises at the cost of contractor.

38.0 INSPECTION DURING INSTALLATION AND FINAL INSPECTION:

The contractor shall arrange for checking and testing the installation as per technical specifications of HVAC System. Installation shall not be accepted until NPL/ EPI is satisfied about its compliance with requirement of the specification in all respects. All instruments and materials required for testing shall be the responsibility of the contractor. The final inspection of the installation and testing of HVAC System may be carried out by NPL/EPI. The taking over of HVAC System after trial run shall be subject to removal of defects, if any, pointed out during the inspection. The contractor shall prepare and submit records of all the tests carried out during summer, monsoon and winter seasons. The compliance of observation / improvements as suggested by inspecting officers of EPI / CTE / owners shall be obligatory on the part of the contractor at the cost of contractor.

39.0 RUNNING-IN-PERIOD:

After satisfactory final inspection as stated the contractor shall demonstrate the trouble free running of the installation for a period of not less than 30 days before NPL takes over. The duty cycle of the plant during this Running-In-Period shall be same as specified in Technical Specifications. In case of multiple compressor installation, all the compressors should run by rotation. After the installation has operated for 30 days period without any breakdown or abnormal / unsatisfactory operation of any machinery during this period, the
HVAC System shall be deemed to have run trouble-free. The contractor should include one year of free running maintenance after completion of 30 days of trouble free running including replacement of defective parts etc. at his own cost.

Power Supply of 3 phase, 415 Volts, 50 Hz, AC shall be provided at one point by EPI / ESIC for group testing & commissioning of complete HVAC System after erection is completed. However, the contractor shall make his own arrangements for power required during construction, fabrication, erection & trial run etc.

The contractor shall arrange at his own cost for all staff, fuel, POL, refrigerant gas and other consumables during Trial run, Commissioning and Running-in-Period upto the date of acceptance. Nothing extra shall be paid on this account.

40.0 DATE OF ACCEPTANCE:

Subject to the guarantee Clause date of taking over the installation after 30 days of trouble free operation shall be the date of acceptance. Any undue wear and tear of components during the “Running In Period” shall be made good by the contractor free of charge.

41.0 SEASONAL TESTS

The contractor shall carry out three Seasonal Tests for Summer, Monsoon & Winter as soon as the ambient / outside conditions are suitable for that. All the three seasonal tests (Summer, Monsoon & Winter) must be completed successfully during the Defects Liability Period of 12 months, otherwise Defects Liability Period will get extended till all the three Seasonal Tests are successfully completed. Nothing extra shall be paid on this account.

42.0 AFTER SALES SERVICES:

Contractor shall ensure adequate and prompt after sales services in the form of maintenance personnel and spares as and when required. Particular attention shall be paid to ensure that spares are easily available during the normal course of life after installation.

The contractor shall have arrangement to provide onsite service at NPL, New Delhi.

43. FACILITY TO BE DECIDED:

The sub-clause 28.3 of the clause no. 28 of General Conditions of Contract (GCC) for Furnished Office Accommodation & Mobility and Communication to be provided by Contractor to EPI shall be replaced and read as under:-
The contractor shall make his rates in Bill of Quantities sufficiently comprehensive to cover the cost of the facilities as per details shown below and the contractor shall not be entitled for any extra payment for the same.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. OFFICE WITH FACILITIES - The contractor is to provide office with following facilities till defect liability period.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A(i) PORTA CABIN OFFICE ACCOMMODATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Furnished office with one conference room at one or more locations as per direction of Engineer-in-charge with basis amenities like Toilets, Drinking water arrangement, lights, other facilities for winter and summer season etc. for EPI Engineer &amp; Staff &amp; maintenance of it till Defect Liability Period.</td>
<td>Sq.ft.</td>
<td>750</td>
</tr>
<tr>
<td>(ii) FURNITURE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office tables</td>
<td>Nos.</td>
<td>3</td>
</tr>
<tr>
<td>Office Chairs</td>
<td>Nos.</td>
<td>6</td>
</tr>
<tr>
<td>Executive Table &amp; Chair</td>
<td>Nos.</td>
<td>3</td>
</tr>
<tr>
<td>Steel Almirah</td>
<td>Nos.</td>
<td>2</td>
</tr>
<tr>
<td>File Cabinet</td>
<td>Nos.</td>
<td>2</td>
</tr>
<tr>
<td>B) OFFICE EQUIPMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Fax Machine</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>b) Computer (Latest Office Edition) with minimum 40 GB HDD along with UPS &amp; Operator (in case computer operator is not provided by the contractor, recovery of ₹ 8000/- per month shall be made from the contractor’s bill in this regard) and latest Version of Software’s like MS Project, Windows, MS Office etc.</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>c) Laser Printer or any other Printer of equivalent amount A3 size</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>d) Internet Facilities</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>e) Air Conditioner with cooling &amp; heating (1.5 ton capacity)</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>f) Photocopy machine (CANON NP 3050 or equivalent model) or any other gadget of equivalent cost as decided by EPI.</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>g) Digital Camera</td>
<td>No.</td>
<td>1</td>
</tr>
<tr>
<td>Running &amp; maintenance of the equipments mentioned above are to be done by the contractor at his own cost.</td>
<td>As per actual</td>
<td></td>
</tr>
</tbody>
</table>
C) CONSUMABLES
All consumables like Stationary, ink etc. shall be provided by Tenderer till end of defect liability period. (Stationary items are inclusive of visiting cards, rubber stamps, letter pads, photocopies papers & other items of daily use). Amount shall be restricted to ₹ 5000/- per month

D) CONVEYANCE AND OTHER FACILITIES
AC Vehicle (Brand New) Four wheel drive, Scorpio DX vehicle or equivalent with Driver with all accessories valuing ₹ 45,000/-. Monthly running shall be restricted to 4000 Kms each.

E) TELEPHONE WITH STD FACILITIES AND INSTRUMENTS
a) Office Telephone (Fixed line) No. 1
b) Mobile phone Nos. 2
Monthly operational expenditure on account of all telephones shall be restricted to ₹6,000/-
Office Boy Cum-Cook on full time basis for EPI Nos. 2
The vehicle shall be brand new and shall be provided with driver on full time basis. Consumables like diesel / petrol / oil lubricants and spare parts etc. shall be provided by the Tenderer at their cost. The vehicles shall be maintained in good working condition. In case of breakdown, replacement of vehicle shall be provided by Tenderer. In case a vehicle is not required registration, transportation etc. shall be borne by the Tenderer. In case of vehicle is not provided by contractor, a recovery of ₹ 45,000/- per month or actual whichever is higher shall be made from the Tenderer for this purpose till the handing over of the work completely to NPL.
In case Driver, POL, maintenance of the vehicle is not required by EPI or not provided by contractor for the vehicle, a recovery of ₹ 35,000/- per month shall be made from the Tenderer for this purpose.

The above gadgets facilities should be brand new and of reputed make and all facilities shall be provided and maintained properly (including payment of water & electricity bills etc. for office accommodation only) by the Tenderer at Project site or at any other office related with execution of this project till completion of work, handing over in all respect at his own cost. The Tenderer shall also make stand-by arrangement for water & electricity to ensure uninterrupted supply. The equipment / items shall be the property of Tenderer at the end of contract. The Tenderer shall be responsible for watch and ward of site office and other facilities etc. In case of theft / damage of any equipment / items, the Tenderer shall immediately replace the same within a maximum period of two days.
The Tenderer shall provide ‘Sign Board(s)’ as per design approved by EPI and / or Client.

In case the above facilities are not provided by the Tenderer within 10 (ten) days of award of work or replacement is not provided within the specified period, EPI shall arrange the same at the risk and cost of the PARTY and make the recoveries from the bills of the Tenderer for the same. The decision of EPI shall be final and binding on the Tenderer in this regard.

44.0 SITE ENGINEER OF CONTRACTOR:

Minimum qualifications and experience required for Technical staff other than supervisor shall be as under. Other technicians, welders, fitters etc. shall be trained skilled workers having experience in HVAC works.

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Minimum Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Graduate Mechanical / Electrical Engineer-Principal Technical Representative</td>
<td>At least 10 year experience in Installation, Testing and Commissioning of HVAC System.</td>
</tr>
<tr>
<td>2 (Two) Nos. Diploma holder in Mechanical / Electrical Engineering</td>
<td>Minimum 3 years Experience in installation, testing and commissioning of HVAC System.</td>
</tr>
</tbody>
</table>

If Contractor fails to deploy minimum Technical staff as mentioned above, recovery on account of non-deployment of Technical Staff shall be made from subsequent RA Bills as under:

a) Graduate Engineer at Rs 1.00 Lakh per month.

b) Diploma holder at Rs. 60,000 /- per month.

45.0 Welding wherever required in the work shall be done in full length of the contact area and grinding shall be done properly to get an even surface/ SFRC covers for manholes etc, if provided, shall have NPL and year of manufacturer as engraved.

46.0 The electrical works shall be executed only through licensed electrician and the agency shall have to submit the valid license of electricians before starting the work.
47.0 It will be the sole responsibility of contractor to obtain all statutory approvals and completion clearance from the all relevant statutory bodies electrical works and for all other services as included in the scope of contract etc. from the concerned department as required within the stipulated time frame. Liaison work on behalf of EPI with the local bodies will also have to be done by the contractor. Nothing extra shall be payable to contractor on this account. No claim whatsoever in this regard shall be entertained.

48.0 The tenderers shall make necessary safety arrangement at site including as mentioned in GCC and indemnify EPI against any consequence of accident at site.

49.0 EPI reserves the right to terminate the Contract in full or part at any time after award of work if NPL withdraws such work from EPI and no compensation shall be payable on that account to the Contractor.

50.0 The EMD shall be valid for minimum period of 150 (One Hundred Fifty) days from the last day of submission of tenders. The other provisions of clause no. 7.0 of GCC shall remain unchanged.

51.0 The Evaluation of Price Bid submitted by tenderer will be based upon Grand Total from Sub Head ‘A’ to Sub Head ‘F’ as provided by tenderer in BOQ. However for Sub Head ‘F’ i.e Operation and Maintenance a separate order shall be placed by NPL/EPI during defect liability period.

52.0 In case the tenderer is Authorised Distributor/Construction Agency of Original Equipment Manufacturer (OEM), he shall submit the necessary documents from OEM authorizing them to participate in this tender.