



Enquiry No. PE-LPE/479 Dtd. 01/05/20

Due Date: 16/05/20 by 2:00 PM

Open Tender Enquiry

Subject: Purchase of 15 Nos. of 2 TR Split ACs for PS-PEM Offices.

Dear Madam/ Sir,

Most competitive rates are invited from reputed Firm/Authorized Distributor/ Authorized dealer for Purchase of 15 Nos. of 2 TR Split ACs (3 star BEE Rating) for PS-PEM Offices (Refer Technical Specifications for details). Quotations are invited in two parts in sealed cover with Enquiry no., Enquiry date, Quotation due date & Time, Name/ Address of the Organisation whom submitting the offer legibly super-scribed on it, for the above- mentioned item so as to reach the undersigned before 2:00 P.M. on or before the above mentioned due date.

Delivery:

- i) **For Supply:** The party will have to supply complete list of items within 30 days from the date of placement of order at consignee's address.
- ii) **For Installation, Testing & Commissioning:** The vendor will have to complete Installation, Testing and Commissioning of all the ACs within 15 days from the day of delivery of all the items at consignee's address.

However total time for Supply & Installations shall not exceed 45 days, beyond which Penalty as per LD clause shall be applicable.

Payment Terms: 100% Payment shall be made through NEFT against supply, installation, testing & commissioning of split ACs at PEM office and submission of GST compliant invoice along with product warranty card by the vendor. Payment shall be made on actual measurement basis for the items like Cable, Copper piping etc. required for installation.

LD/ Penalty: Failure to make supply/completion of installation within the delivery time as per purchase order will make the vendor liable to an unconditional penalty of 0.5 % (half percent) per week on total basic contract price of the goods & installation or part thereof, subject to a maximum of 10% of Contract value (excluding of GST).

Evaluation: Shall be done on Grand Total (all inclusive) as given in price format Annex-X.

Warranty: Component wise warranty shall be as per Technical Specification as Annexure IX. Since above warranty are standard warranty from manufacturing & hence no bank guarantee is proposed to be asked for reinforcement of warranty.

Validity of Rates: After awarding the work the rates would be firm till the completion of work.

Bid Submission: Inviting offers in 2 parts (Part 1: unpriced offer along with commercial terms acceptance, Part 2: Price bid as per price format).

Pre-qualifying requirements (PQR): Refer Technical Specifications including Scope & PQR in Annexure IX. Bidders to submit required documents with bid as a proof of meeting PQR.

Commercial Terms & Conditions, General Terms & Conditions, Details of Business, Acceptance Letter / No Deviation Certificate, Declaration, Technical details, NEFT Application form, Check list, Technical Specifications including Scope & PQR and Price Format shall be as per enclosed Annexures-I to X.

Tender and all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Tender Room,
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRDI & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301 (U.P.)
Mob. No- 9911170053, Phone no. 0120-4213591
Thanking You,

Yours faithfully,
For and behalf of BHEL,
N C Sharma
Dy. Mgr./CMM

Annexure- I

COMMERCIAL TERMS AND CONDITIONS

1. BID SUBMISSION

Bids shall be submitted latest by **2:00 PM** on or before the due date i.e. **16/05/20** in two parts as follows:

PART-1: TECHNO-COMMERCIAL BID

This part shall contain the following:

- a) Technical Specification & other scope of work
- b) Commercial terms and conditions, General terms and conditions
- c) Unpriced copy of the price bid with all amounts/figures/ percentages wherever quoted in the price bid being replaced with the word 'Quoted' or 'Q'.
- d) Supporting document/ information to be enclosed as per NIT.

This part shall be submitted in duplicate in two separate Sealed Covers with bidder's distinctive Seal super scribed with correct Enquiry No., Item of supply, due date of opening and **'part-1: techno-commercial bid'**.

Complete tender in all respects duly signed & stamped on each and every page by the authorized signatory of the bidder as a token of acceptance of all the terms and conditions of tender.

PART -2: PRICE BID

This part shall contain Prices only and should not contain any technical details and/or Commercial Terms & Conditions. Any technical details and/or Commercial Terms & Conditions, if found in this part shall be ignored as the same are supposed to be contained in PART-I only as indicated above.

This part shall be submitted in a separate Sealed Cover with bidder's distinctive Seal super scribed with correct Enquiry No., Item of supply, due date of opening and **'part -2: price bid'**.

Tenders and all correspondence thereof, shall be addressed to the undersigned by name & designation and sent at the following address:

Kind Attn: Sh. N C Sharma/ Dy. Manager (CMM) & Sh. I P Singh/DGM (CMM)

Tender Room,

M/s Bharat Heavy Electricals Ltd.,

Project Engineering Management,

Power Project Engineering Institute,

HRD & ESI Complex,

Plot No 25, Sector-16 A, Noida-201301 (U.P.)

e-mail: ncsharma@bhel.in

Mob. No- 9911170053, 9818989654 Phone no. 0120-4213591, 4368749

2. BID OPENING

PART- I (Techno-Commercial Bids) will be opened at **2:00 PM** on the due date **16/05/20** in the presence of bidder who may like to be present. Date and time of opening of Part - II (Price Bids) shall be communicated separately.

3. The bid shall remain valid for a period of 90 days from the date of opening of offers. No revision of prices shall be entertained after bids have been opened. Bidder shall not be entitled during this period to revoke or vary the content of bid or any terms thereof. In case of any unsolicited variation subsequent to bid opening, the bid shall be treated as "Rejected".
4. No revision of prices shall be entertained after bids have been opened.
5. Prices shall remain firm without any variation till completion of contract.
6. Illustrative leaflets giving technical details of items offered should be enclosed, wherever necessary.
7. BHEL shall be under no obligation to accept the bid and shall have the right to accept or reject bid in part or in full without assigning any reason whatsoever.
8. Late tenders will be rejected.
9. Contract value means total contract value including all taxes.
10. **SUBMISSION OF INVOICE:** GST compliant invoice by the vendor shall be submitted in duplicate, to HR-GAX Dep't. Of BHEL/PEM, BHEL, PPEI, NOIDA-201301.
11. **RISK PURCHASE:** Purchaser will have the option to terminate the contract and purchase from elsewhere at the risk and cost of the Vendor, either the whole or part of the goods which the Vendor has failed to deliver or despatch within the stipulated delivery period or if the same were not available, the best and the nearest available substitute thereof. The Vendor would be liable to compensate the Purchaser for any loss which the Purchaser may sustain by reason of such risk purchase, in addition to Liquidated Damages (Penalty Clause) at the rate mentioned above.

Risk and Cost against Balance Work:

Risk & Cost Amount= $[(A-B) + (A \times H/100)]$

Where,

A= Value of Balance scope of Work/ Supply (*) as per rates of new contract

B= Value of Balance scope of Work/ Supply (*) as per rates of old contract being paid to the contractor/ supplier at the time of termination of contract i.e. inclusive of PVC & ORC, if any.

H = Overhead Factor to be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

12. PRICE DISCREPENCY:

Following shall be considered for evaluation and ordering for non-conformities/ errors/ discrepancies in price bid:

- i. Bidders should quote total price in "figures" with corresponding words in price bid format.
- ii. If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly., unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- iii. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
- iv. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (ii) and (iii) above.

v. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the Purchaser, the bid is liable to be ignored.

13. LANGUAGE & CORRECTIONS:

i. The Bid shall be in English language. All correspondence and documents relating to the bid exchanged between the bidder and the purchaser shall also be in ENGLISH language. However, any technical document/ literature etc. printed in a language other than English shall be accompanied by its true English translation duly signed for its correctness. Any document submitted with the bid but not in English language shall not be treated as part of the bid document. The responsibility for the correctness of the translations if any solely rests on the bidder and purchaser shall not be responsible for any loss/likely loss arising out of error in translation whatsoever. In such cases, for the purpose of interpretation of the bid, the English translation shall prevail.

ii. Tenderer shall quote the rates in English language and Indo-Arabic numerals only. Total Price shall be entered in figures as well as in words. For the purpose of tender, metric system of units shall be used.

iii. All entries in the tender shall either be typed or written legibly in ink. Cancellations, corrections, insertions, erasements, over-writing (if unavoidable) shall be authenticated with signature and seal by the bidder.

14. ETHICS IN BUSINESS DEALINGS/ SUSPENSION OF BUSINESS DEALINGS:

In order to protect the commercial interests of BHEL, it becomes necessary to take action against bidders/ sellers/ suppliers / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business/ money/ reputation, indulge in malpractices, cheating, bribery, fraud or any other misconduct or formation of cartels so as to influence the bidding process or influence the price etc. Suspension of Business Dealings could be in the form of “Hold” or “Banning” a bidders/ sellers/ suppliers / contractors. Detailed guidelines are available at www.bhel.com/www.bhelpem.com. Bidders should get themselves acquainted with these guidelines.

15. DEALING WITH BIDDERS UNDER SUSPENSION

The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firm is available on BHEL web site www.bhel.in

16. BHEL shall be under no obligation to accept the bid and shall have the right to accept or reject bid in part or in full without assigning any reason whatsoever. BHEL also reserves the right to reject quotation without assigning any reason whatsoever. Quotation of the party which have been black-listed / debarred / banned by PSUs / kept on hold by any office of Delhi-based Divisions of BHEL during the last three years will be rejected. Late tenders will be rejected.

17. For this procurement, Public Procurement (Preference to Make in India), order 2017 dated 15.06.2017 & 28.05.2018 and subsequent orders issued by the respective Nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable.

18. TAX DEDUCTION AT SOURCE:

Tax shall be deducted at source from the running bills as per applicable Income Tax Rules and other statutory requirements.

19. TERMINATION OF CONTRACT:

If at any time during the currency of contract, the Contractor defaults in performance of the work with due diligence and continues to do so or commit any default in complying any of the tender terms and conditions even after the notice (in writing) is given to him, BHEL may, without prejudice to any other, has right to remedy which shall have accrued or shall accrue thereafter to BHEL, to terminate the contract.

20. FORCE MAJEURE: Seller/Contractor shall not be responsible for delay in delivery resulting from acts/events beyond his control provided notice of the happening of any such act/event is given by the Seller/Contractor to the purchaser within 15 days from the date of its occurrence. Such acts/events shall include but not be limited to acts of God, war, floods, earthquakes, strikes, lockouts, epidemics, riots, fire or Governmental regulations superimposed after the date of order/contract.

21. SHORT CLOSURE OF CONTRACT:

BHEL reserves the right to short close the contract with 15 days' notice without assigning any reason.

22. DEVIATION: The Contractor must comply with the tender specification and all terms and conditions of contract. No deviation shall normally be entertained.

23. In case of any act of default/ omission/ pilferage/ prejudice to any interest of BHEL, BHEL may take action against Contractor as per company guidelines in addition to the penalty & action explicitly mentioned in this tender document.

1. ARBITRATION & CONCILIATION:

1.1 CONCILIATION:

If at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract), which the Parties are unable to settle mutually, arise inter-se the Parties, the same may, be referred by either party to Conciliation to be conducted through Independent Experts Committee (IEC) to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators under BHEL Conciliation Scheme. For more details please visit BHEL website www.bhel.com

1.2 ARBITRATION:

Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity of execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the contract, then, either Party may, by a notice in terms of Section 21 of Arbitration & Conciliation Act in writing to the other Party commence arbitration. The notice shall as far as possible contain the particulars of all claims to be referred to arbitration.

The arbitration shall be conducted by Sole Arbitrator to be appointed mutually by the Competent Authority of BHEL (purchaser) & Seller within the statutory period as applicable. As far as practicable, names of 2 or more persons shall be forwarded to the Seller for seeking consent of the Seller to one of the names proposed for appointment as arbitrator in the case. If the parties fail to agree on the name of Sole Arbitrator, then appointment shall be made as per the provisions of section 11 of the Arbitration & Conciliation Act.

The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. The language of Arbitration shall be English.

Subject as aforesaid, the provisions of Arbitration of Conciliation Act 1996 (India) or statutory modification/ Amendments or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat and venue of arbitration shall be Delhi/ New Delhi/ PO issuing agency city where PO is issued by BHEL Power Sector Regional HQ

The cost of arbitration shall be borne equally by the parties' subject to the final apportionment of the cost of the arbitration as per the award/order of the arbitrator.

Subject to the arbitration in terms of Clause above, the Courts at Delhi-NCR/ (PO issuing agency city- where PO has been issued by BHEL Power Sector Regional HQ) shall have exclusive jurisdiction over any matter arising out of or in connection with this contract.

Notwithstanding the existence or any dispute or difference and/or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract.

2. LAWS GOVERNING THE CONTRACT:

Contract, including all matters connected with contract, shall be governed by the Indian Law, both substantive and procedural, for the time being in force including modification thereto, and shall be subject to the exclusive jurisdiction of the Indian courts at Delhi-NCR/ (PO issuing agency city- where PO has been issued by BHEL Power Sector Regional HQ).

It shall be responsibility of the vendor to ensure compliance of Labor laws, safety regulations, workmen compensation, insurance, BOCW act or other relevant acts.

3. JURISDICTION OF COURT:

Courts at Delhi-NCR/ (PO issuing agency city- where PO has been issued by BHEL Power Sector Regional HQ) shall have exclusive jurisdiction to decide the dispute, if any, arising out of or in respect of the contract(s) to which these conditions are applicable.

4. SETTLEMENT OF DISPUTES:

29.1 Except as otherwise specifically provided in the Order/ Contract, all disputes concerning questions of the facts arising under the Order/ Contract, shall be decided by Purchaser, subject to written appeal by the Seller/ Contractor to the Purchaser, whose decision shall be final.

29.2 Any dispute or difference shall be, to the extent possible, settled amicably between the parties hereto, failing which the disputed issues shall be settled through arbitration.

29.3 Seller/ Contractor shall continue to perform the order/ contract, pending settlement of dispute(s).

5. BHEL FRAUD PREVENTION POLICY:

The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice. BHEL Fraud prevention policy is also uploaded on www.bhelpem.com & www.bhel.com

6. FORCE MAJEURE:

6.1 Notwithstanding anything contained in the contract, neither the Seller nor the Buyer shall be held responsible for total or partial non execution/non- performance of any of the contractual obligations, in case such execution/performance is impeded/prevented due to occurrence of a 'Force Majeure' event not within the reasonable control of the party affected, which materially interferes or directly affects the performance of the obligations or duties under the contract.

Force Majeure event means an event beyond the control of the parties to the contract including but not limited to war, Military operations of any nature, Act of God, earthquakes, floods, fire, quarantine restrictions, acts of public enemy, blockades, civil war, explosion, epidemics, insurgency, change in law or government policy etc.

6.2 The party claiming to be affected by such Force Majeure event shall notify/inform the other party in writing without delay within a reasonable period of the occurrence and cessation of such event specifying the Force Majeure event and its effect on performance of contractual obligations. In the event of the parties hereto not agreeing that a force majeure event has occurred, the parties shall submit the dispute(s) for resolution pursuant to the provisions hereunder, provided that the burden of proof as to whether a force majeure event has occurred shall be upon the party claiming such an event.

- 6.3 If it is agreed between the parties that a Force Majeure event has occurred and its effect continues for a period of 36 months, then either party shall be free to cancel the contract. However, if the effect of such event ceases within this period of 36 months, the performance of the obligations put on hold shall be resumed immediately.
- 6.4 Notwithstanding the above provisions, Purchaser shall reserve the right to cancel the Order/ Contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements for completion of delivery and other schedules.
- 6.5 If a war like situation has developed in a country where Sellers's works (of this PO) is located or there is political instability or civil war and Indian Embassy located in that country/Indian Government forbids or advises for not having any business dealings in that country/ region/zone, then BHEL reserves the right to cancel the order/Contract without incurring any liability for any kind of payment or compensation to the Seller on that account.

7. STATUTORY VARIATION:

- 7.1 In general, Statutory variation for GST is payable to the Seller during currency of the contract between Buyer and Seller. Further, for period beyond the currency of the contract, BHEL will reimburse the actual applicable tax even if the same is higher than the amount applicable within the contractual period in case BHEL is able to take the input tax credit. However, the decision of BHEL in this regard will be final and binding on the seller/contractor otherwise vendor/contractor has to bear the differential upward increase in tax and ex- works price is to be adjusted accordingly
- 7.2 No other variations such as on Custom Duty, exchange rate, minimum wages, prices of controlled commodities, any other input etc. shall be payable by the purchaser unless specifically agreed upon.
8. The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendor/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL web site <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud as soon as it comes to their notice.

NOTE:

It is presumed that the bidder has accepted all the instructions, Terms and conditions and Technical Specifications covered in this Tender Enquiry.

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Acceptance Letter / No Deviation Certificate

Notwithstanding anything mentioned in our bid, we hereby accept all terms and conditions of the above tender.

Or

We hereby accept all terms and conditions of the above tender except the following:

(Give reference to Clause Nos. of Terms & Conditions which are not acceptable)

- 1.
- 2.
- 3.
- 4.
- 5.

Note: Any deviation specified elsewhere in the tender shall not be considered. Deviations may or may not be accepted by BHEL.

(Signature & seal of the contractor)

DETAILS OF BUSINESS

The vendor shall furnish the following information along with Part-1 bid.

1.0	Name of the firm		
2.0	Address for communication		
3.0	Registered Office, if any :		
	Telephone No. (Office) (Res) (Mobile) (Fax) (Email)		
4.0	Name of proprietor / partner / Director(s)		
5.0	Name of Bankers		
6.0	Copy of PAN Card to be enclosed		
7.0	Any other information		

DECLARATION

I/ We hereby declare that I / we have not been banned or de-listed by any PSU / Government Department / Financial Institute / Court and no case is pending with the police / court against our firm/ partner or the company.

(Signature & seal of the Bidder)

TECHNICAL DETAILS
For Technical bid

Work Experience fulfilling, submitted in Part-I Bid)

EXPERIENCE	No. of Work	Value	Customer's Name
1.			
2.			
3.			

NEFT Application Form

**Name of the firm/Authorized
Distributor/Authorized:**

Name of the Bank:

Address Of the Bank:

Company's A/c no:

Type of A/c:

IFSC CODE:

RTGS CODE:

Company's E-MAIL ADDRESS:

Company PAN No.:

Authorized Signature

Company Seal

THE ABOVE DETAILS ARE TO BE SUBMITTED EITHER ATTESTED BY YOUR BANKERS OR CHEQUE LEAF DULY CANCELLED
WITH IFSC CODE & A/C NO. PRINTED ON IT MAY BE ENCLOSED.

Accompanying documents :

Cancelled cheque leaf for A/C no. & IFSC confirmation

CHECK-LIST (Part-I Bid)**SUMMARY OF COMPLIANCE TO REQUIREMENT OF TENDER**

Sl. No.	Description of requirement	Yes/ No / NA	Page No(s)
1	Commercial Terms and Conditions (Annexure-I).		
2	General Terms & Conditions (Annexure-II).		
3	Acceptance Letter/ No Deviation Certificate (Annexure-III)		
4	Details Of Business (Annexure –IV)		
5	Declaration (Annexure-V)		
6	Technical Details (Annexure-VI)		
7	NEFT Format Duly Certified by Bank OR Cancelled Cheque with sign & seal of bidder (Annexure-VII)		
8	Check List (Annexure-VIII)		
9	Unpriced Bid Format (Annexure-X)		

Technical Specification of Split AC

A. 2 Ton, Split Air Conditioner (The Split AC units shall be of Carrier/ Blue Star/ Hitachi/ Mitsubishi/ LG make)

1. Indoor System

- i. Nominal Capacity: 2 Ton
- ii. Rating: BEE 3 star rating 2018 or equivalent Latest rating
- iii. Type: High Wall Type with compact in size and shall have elegant appearance
- iv. Electricity input: 220V-240V/50Hz/Single Phase
- v. The product will be under warranty for minimum 01 year from the date of installation.
- vi. Refrigerant: Eco-friendly refrigerant

2. Outdoor System

- i. Compressor unit: Hermetically/semi hermetically sealed compressors, propeller type axial flow fans and copper tube aluminum finned coils all assembled in a sheet metal casing.
- ii. Electricity input: 220V-240V/50Hz /Single Phase
- iii. Warranty: All compressors shall have minimum 5 years Warranty from the date of Installation.

3. Function modes : Auto/Cool/Fan/Dry – shall have sleep and power saving modes

4. Other features

- i. Automated vertical swing for horizontal louvers
- ii. Antifreeze thermostat
- iii. Body surface finish : powder coated/high quality paint finish
- iv. Air filtering unit : Activated carbon cartridge, dust proof and antibacterial filter
- v. Remote handset : LCD display with night glow



B. Voltage Stabilizer (V-Guard/Blue Bird/Su-Kam/Microtek Make):

1. Rating/Capacity: 4 KVA with ISI quality and rating that matches with the power rating of the A/C unit.
2. Type : Wall mounting type
3. Input Voltage : 170 V - 270V
4. Output Voltage: 200V –240V
5. Output High Voltage cut off : 240V
6. Efficiency : >95%
7. Frequency : 50 Hz
8. Calibration Accuracy: $\pm 2.5\%$
9. Warranty: 03 Years from the date of installation.

C. Refrigerant Piping: Should be of Standard quality Copper with Thermally Insulated between Indoor Unit (Evaporator) and Outdoor Unit (Condenser)

D. Outdoor Stand: MS Outdoor Stand coated with anti-rusting adhesives with water proofing facility

E. PVC Drain Pipe: Good Quality drain pipe with all the connectors & joints

F. Electrical Cable

1. Rating/Specification: 03 Core, 4.0 Sq.mm Cable conforming to ISI quality(Brand: Anchor/Havells/Polycab brand)



High wall type split AC units

Scope of Work: The scope of work of the successful bidder/contractor shall comprise but not limited to the following:-

A. Supply of ACs with all the other Accessories

1. The party will have to supply complete list of items within 30 days from the date of placement of order at consignee's address
2. The split AC units shall be complete with indoor unit, outdoor unit, cordless remote control unit and all the other accessories as per BOQ cum price schedule.
3. BHEL reserves the right to reject the items supplied if found any defect/non-conforming to the specifications

B. Installation, Testing & Commissioning:

1. The vendor will have to complete Installation, Testing and Commissioning of all the ACs within 15 days from the day of delivery of all the items at consignees address.
2. The installation at Consignee's site shall comprise the following work:
 - i. Mounting/fitting indoor & outdoor units, MS Outdoor stand, voltage stabilizer at the respective locations. All the works related (Civil/Electrical etc.) for mounting of the Indoor & Outdoor Units, MS Outdoor stand, and voltage stabilizer shall be in the scope of the vendor. However, necessary help will be provided by BHEL for mounting/fitting these units.



- ii. Laying refrigerant piping along with proper support of pipes between indoor and outdoor unit, and insulating the copper pipes with expanded polyethylene foam 5mm tubing.
 - iii. Laying drain pipe for proper discharge of condensate water (at safe location), being formed in the Indoor Unit.
 - iv. Leak testing of the entire system.
 - v. Charging refrigerant gas in the Unit.
3. Power supply will be made available near the unit by BHEL. The vendor will have to make all the connections i.e. between indoor and outdoor, between indoor and stabilizer etc. All the required consumables, labor, material, transportation etc. shall also be in the scope of the vendor.

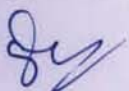
C. Servicing: Free servicing shall be provided for minimum 12 months from the date of installation of air conditioner. This also includes gas refilling. Vendor/Bidder is also required to send service engineer at 3 times during the warranty period.

D. Warranty: Component wise warranty shall be as per technical specification.

E. Special Condition: All statutory compliance and risk of loss or damage to physical property and of personal injury and death, which arises during/in consequence of the performance of the contract are the responsibility of the contractor.

Pre-qualification Requirement (PQR):

The Tenderer should be either Prime Equipment Manufacturer or Authorized Distributor/Authorized dealer for the brand quoted. Supporting document in the form of proprietorship/dealership/distributor should be submitted with the Bid.



BOQ CUM Price Schedule for Supply, Installation and Commissioning of Split ACs in BHEL- PEM						Annexure-X
Sl. No.	Description	Qty	UOM	Rate Per Unit (excluding GST)	GST @....%	Total Amount F.O.R destination including GST
		A		B	C	D = (B+C)*A
1	Supply of Hi-wall Split type Air-Conditioner with following specifications (of Carrier,Blue Star, Hitachi, Mitsubishi, LG make) i. Two (02) tonnage capacity with 3 star BEE rating 2018 or equivalent latest rating. ii. Nominal Cooling capacity(minimum) -6000 kcal/hr iii. Out door Unit with hermitacally sealed reciprocating/rotary compressor with minimum 05 year warranty iv. Refrigerant: Eco-friendly refrigerant v. Three meter long refrigerant piping of Copper with thermal insulation vi. Electrical Input:220V-240V/50Hz/Single Phase vii. The whole product will be under warranty for one year including gas filling etc. (For detailed specification, refer our technical specification sheet)	15	Nos.			
2	Automatic Voltage Stabilizer of 5 KVA Rating with ISI quality certification and rating and should match with the power rating of the AC Unit (V-Guard/Blue Bird/Su-Kam/Microtek make) (For detailed specification, refer the technical specification sheet)	15	Nos.			
3	Refrigrant Piping of Copper with Thermally Insulated between Indoor Unit (Evaporator) and Outdoor Unit (Condensor)-(For detailed specification, refer the technical specification sheet) (This is extra over standard piping supplied with the unit)	160	mtr.			
4	MS Outdoor Stand/Hanger coated with anti-rusting adhesives-(For detailed specification, refer the technical specification sheet)	15	Nos.			
5	PVC drain pipe with Joints and connectors-(For detailed specification, refer the technical specification sheet)	190	mtrs			
6	Cable between Indoor, Outdoor Unit and power supply point-(For detailed specification, refer the technical specification sheet)	190	mtrs.			
7	Installation, Testing and Commissioning of 2.0 TR AC units along with laying of refrigerant piping & cable as above with refrigerant gas charged	15	Nos.			
8	GRAND TOTAL					
Notes:						
1	Bidder to note that total price indicated above at Column D & Sl. no. 8 (Grand Total) shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.					
2	Prices shall remain firm during contract execution.					
3	For any clarification please refer Technical Specification.					