

NATIONAL POWER TRAINING INSTITUTE

(Ministry of Power, Govt. of India)

Southern Region,

Block-14, Neyveli 607 803

TENDER DOCUMENT

Supply, Installation, Commissioning and Testing of
Three Star Rated Split Air-conditioners at NPTI(SR),
Neyveli

NATIONAL POWER TRAINING INSTITUTE,
(Ministry of Power, Govt. of India),
Southern Region,
Block-14, Neyveli 607 803

No.NPTI(SR)/NEY/STR/2012-2013/2757

Dated:31.07.2012

NOTICE INVITING TENDER

Sealed tenders are hereby invited by the Principal Director, National Power Training Institute (Ministry of Power, Govt. of India) for supply, installation, commissioning and testing of split air-conditioners, as per the Specification and the terms and conditions enclosed herewith from the authorized dealers / distributors / manufacturers of branded air-conditioners viz LG / Voltas / Carrier Aircon / Blue Star / Samsung / Hitachi / Panasonic / / Onida / Videocon etc., who supplied air-conditioners to the Govt. organization / reputed company for a value not less than Rs.6.00 Lakhs in a single order or Rs.3.00 Lakhs in two orders during last two years and proof for the same is to be enclosed with the tender.

1. Name of work : Supply, installation, commissioning and testing of high wall mounting of 27 Nos. split type air-conditioners (Three star rated as per BEE standard)
2. Estimated cost : Rs.9,00,000/-
3. Earnest Money Deposit : Rs.18,000/-
4. Period of Sale of Tender Document : From 06.08.2012 to 30.08.2012 up to 04.00 pm
5. Tender document Cost : Rs.500/-
6. Last date of receipt of tender : 31.08.2012 up to 01.00 pm
7. Date of opening the tender : 31.08.2012 at 04.30 pm
8. Place of Opening of Tender : Conference Hall, NPTI (SR), Neyveli
9. Tender documents can be obtained from : Office of the Principal Director, NPTI (SR), Neyveli / Can be downloaded from www.npti.in or www.nptineyveli.in or www.tenders.gov.in

10. Tender documents can be submitted at : PS to Principal Director, NPTI(SR), Neyvei-3
11. Tenders to be addressed to : The Principal Director,
National Power Training Institute,
Southern Region,
Block - 14,
Neyveli - 607 803.
12. Delivery Period : Within four weeks from the date of placement of order.

The offer shall remain open for at least 90 days. Earnest money Deposit shall be accepted only in the form of demand draft drawn in favour of the NPTI(SR), Neyveli.

Sd/-
PRINCIPAL DIRECTOR

NOTICE INVITING TENDER

Important instructions: Terms & Conditions

Bid should be sealed envelope super-scribing tender No._____ Dt._____ for supply, installation, commissioning & testing of air-conditioners. The cover should be addressed to The Principal Director, National Power Training Institute, Southern Region, Block-14, Neyveli – 607 803

The Bid should contain the following:

1. EMD in the form of Demand Draft drawn in on any nationalized bank favour of NPTI(SR) payable at Neyveli.
2. If the tender document is downloaded from website, the cost of the tender document in the form of DD is to be enclosed.
3. The tenderer should enclose proof for supply of air-conditioners for a value of Rs.6.00 Lakhs in a single order or Rs.3.00 Lakhs in two orders during last two years to any Government Organization / reputed company.
4. Delivery and installation period to be completed within four weeks from the date of placement of order.
5. Validity period to be indicated and should be minimum 90 days from the date of opening of the tenders
6. Agreement towards the payment terms of NPTI
7. The tender must contain all the relevant technical specifications of the items as per the tender document along with the relevant brochures / pamphlets. All the documents, specifications should be signed by authorized bidders with seal of the firm and date.
8. The rates are to be quoted in the Price Bid Format enclosed. If the bidder is quoting for different makes for a same item then details of Make of items, their rates should be separately indicated in the original price bid form
9. The price must be firm and final till the delivery of items inclusive of all taxes, Govt. levies and other duties on FOR destination basis.
10. The price must be quoted in figures and words.
11. Any overwriting should be countersigned by Authorized person

Signature of Bidder

General Terms and Conditions:

01. Delivery and installation should be F.O.R destination basis i.e. NPTI (SR), Neyveli

02. Part supply is not allowed as per the supply order.

03. 90% of payment will be made on successful supply. Balance 10% of payment will be kept as Performance Guarantee for the period of warranty after supply or against the Bank Guarantee for the period of warranty.

04. Offer should include freight, packing, forwarding, delivery, warranty, Installation and fixing charges. Taxes payable may be indicated separately.

05. If the last date for receipt of the tenders happens to be a holiday, the next working day shall be the due date.

06. In the event of successful bidder's failure to deliver the material as per order within the stipulated delivery period, the order is liable for cancellation and EMD will be forfeited.

07. The tender document is not transferable

08. The tenderers are advised to go through the tender documents, terms and conditions thoroughly and must sign all the pages.

09. In case of any dispute, the decision of Principal Director will be binding and final

10. NPTI will not be responsible for transit damages.

11. This institute is a training institution under Ministry of Power, Govt. of India, if any discount applicable for educational / training institution, the same may be indicated in your Price Bid.

12. NPTI reserves the right to cancel the tender without assigning any reason and to increase or decrease the quantity of any items mentioned overleaf.

13. The suppliers shall be responsible for the safety of the material during transit and loading and unloading. This office does not own any responsibility if the material is damaged during transit and Installation.

14. The rates to be quoted to our specification only, otherwise the bid will be rejected.

15. The suppliers who have already supplied the same type of air-conditioners to various organizations / central / state / any reputed company, to mention the details and proof also to be enclosed.

16. NPTI reserves the right to reject any or all tenders without giving any reason / notice to the firm(s)

17. The bidder should follow all safety measures at site and ensure that no damage is caused at the site. If any damage occurs as a result of the work, the bidder will restore the same or the cost of the same will be realized from the bill.

18. The supplier shall be responsible for the safety of his supply and installation team manpower.

19. The supplier has to make his own arrangement for the ordinary / special tools and other consumables required for successful completion of installation, commission and testing.

20. The EMD of un-successful bidders shall be released on finalizing of the order for the successful bidder.

Note: Interest will not be paid for the period of which EMD and SD amount lies with NPTI(SR).

21. The tenders received after the due date and time due to postal delay or any other reasons what so ever will not be considered and no correspondence would be entertained in this regard. Any tenders received by FAX will not be considered.

22. The installation & testing work to be entrusted to the staff who possesses the certificate from Electrical Licensing Board.

23. Warrantees and Guarantees

1. Agency / Supplier shall fully warranty that all the stores supplied under the order shall be new and of first quality according to the specifications and shall be free from defects (even concealed defects, deficiencies in design material and workmanship)
2. Should any defects be noticed in design, material and of workmanship within 12 months from the completion date, and five years warranty for compressor units NPTI shall inform Agency / Supplier and the Agency / Supplier shall immediately on receipt of such intimation, depute their personnel within 24 hrs to investigate the causes of defects and arrange rectification of the defective work at site without any cost to NPTI within a reasonable period. NPTI shall be free to take such corrective action as may be deemed necessary at Agency' s / Supplier's risk and cost after giving notice to the Agency / Supplier.

3. Damage to the machinery and / or equipment due to incomplete and erroneous instructions issued by agency / supplier, will be the responsibility of the agency / supplier, and will be treated according to the provisions of warranty clause. Normal wear and tear shall not under purview of this clause.

24. Installation & testing to be carried out under intimation & satisfaction of the In-charge. The equipment with all facilities must be installed & tested at site.

25. NPTI provides power connection points at 230 V AC. Other requirement if any should be intimated in advance.

26. NPTI reserves the right to place the split-up orders as per the lowest quote in the tender.

27. Energy Efficient Equipment

The air-conditioners supplied must be energy efficient and three star rated as per BEE standard.

28. Subletting of tenders

No sublet of transfer of contract in supply order or any part thereof, is permitted.

29. Others

1. Refrigerant used shall be FREON -22 (R-22).
2. Type of Fan Motor (outdoor unit) shall confirm IS:996:1979.
3. Overall power factor of the unit shall be at least 0.85 at capacity rating test conditions.
4. The indoor units made of ABS shall be of flame retardant **grade** and impact resistant life.
5. Remote control (cordless) shall be provided with one on / off timer, selecting fan speed (three displays) and setting up of temperature.
6. Display shall be LCD and provided both on indoor unit and on handset. These displays shall be selectable

Signature of Bidder

PRICE BID FORMAT

Quotation No.

Date:

To
The Principal Director,
National Power Training Institute,
Block-14,
NEYVELI-607 803.

Dear Sirs,

I accept your Terms & Conditions as per your Tender No.NPTI(SR)/NEY/STR/2012-13/ Dt. and quote the following prices as per the specifications given in the annexure and drawing.

A	Name of the Item	Per Unit Price Rs.	No. of A/Cs	Total Price Rs.
1	<p>Providing split type AC of 1.5 Ton capacity (Three Star rated as per BEE standard) with ABS material body of indoor unit (Wall Mounted) inclusive of stabilizer 5 KVA with suitable ISI brands. Wiring to be done with copper wires in appropriate PVC tubing with clamps for outdoor and indoor units. Make – LG / Voltas / Carrier Aircon / Blue Star/ Samsung / Hitachi / Panasonic / Onida / Videocon / etc.</p> <ul style="list-style-type: none">• Cooling capacity 5000-5300 Watts• Compressor – Rotary type• Power supply 230V, single phase, 50 Hz• Panel display LCD type• Remote control LCD type• Auto air swing two way• Speed setting colling / Fan – 3/3• Auto restart, On / Off timer, de-humidification and chaos logic enabled		27	

A	Name of the Item	Per Unit Price Rs.	No. of A/Cs	Total Price Rs.
2	Installation of air conditioners at NPTI's site and shall comprise the following works a) Mounting (Angle fixing, Masonry work etc.) / fitting indoor and outdoor units including supply of all necessary materials at the respective locations. b) Laying refrigerant piping of 5 mt length and connecting both the units after drilling hole, holes in the walls, if required. The thickness of the copper tubing shall not be less than 0.70 mm. c) Insulation of the suction ½" pipe with expanded polythylone foam 5mm tubing d) Laying 15mm drain pipe to throw out the condensate water being formed in the indoor unit. e) Leak testing the entire system f) Charging refrigerant gas in the unit g) Suitable electric wiring between indoor and outdoor units with suitable length with 2 core PVC insulated copper wire 2.5sqmm		27	
3	Warranty for	Months		
	Discount if any	Rs.		
	VAT & Surcharge if any	Rs.		
GROSS TOTAL				
	Extra for installation of pipes, insulation and cables beyond 5 mt if required	Actuals RMT		
	Delivery Period from the date of issue of work order	Weeks		
	Other provisions or facilities over and above the minimum specification	Not mandatory		

B List of Enclosures

Signature of the Authorised Person with Date

Full Address of the Firm with seal

ANNEXURE

TECHNICAL SPECIFICATIONS OF AIR-CONDITIONERS

Sl. No.	Description of items	Qty.	Unit
1.	<p>Providing split type AC of 1.5 Ton capacity (Three Star rated as per BEE standard) with ABS material body of indoor unit (Wall Mounted) inclusive of stabilizer 5 KVA with suitable ISI brands. Wiring to be done with copper wires in appropriate PVC tubing with clamps for outdoor and indoor units. Make – LG / Voltas / Carrier Aircon / Blue Star/ Samsung / Hitachi / Panasonic / Onida / Videocon / etc.</p> <ul style="list-style-type: none"> • Cooling capacity 5000-5300 Watts • Compressor – Rotary type • Power supply 230V, single phase, 50 Hz • Panel display LCD type • Remote control LCD type • Auto air swing two way • Speed setting colling / Fan – 3/3 • Auto restart, On / Off timer, de-humidification and chaos logic enabled 	27 Nos.	Each
2.	<p>Installation of air conditioners at NPTI's site and shall comprise the following works</p> <p>h) Mounting (Angle fixing, Masonry work etc.) / fitting indoor and outdoor units including supply of all necessary materials at the respective locations.</p> <p>i) Laying refrigerant piping of 5 mt length and connecting both the units after drilling hole, holes in the walls, if required. The thickness of the copper tubing shall not be less than 0.70 mm.</p> <p>j) Insulation of the suction ½" pipe with expanded polythylone foam 5mm tubing</p> <p>k) Laying 15mm drain pipe to throw out the condensate water being formed in the indoor unit.</p> <p>l) Leak testing the entire system</p> <p>m) Charging refrigerant gas in the unit</p> <p>n) Suitable electric wiring between indoor and outdoor units with suitable length with 2 core PVC insulated copper wire 2.5sqmm</p>	27 Nos.	Each
3	Extra for installation of pipes, insulation and cables beyond 5 mt if required	Actuals	RMT

CHECK LIST

Before submitting your quotation please confirm the following:

1. Sealed and Super-scribed in the outer cover "Tender for _____" and Tender Enquiry No. _____ due on _____
2. The Bid should contain
 - a. DD for Tender document amount of Rs.500/- if downloaded from website
 - b. DD for EMD amount of Rs.18000/-
 - c. Brochures / pamphlet should be enclosed along with the Bid and all the documents should be signed by the authorized person.
 - d. Enclose the list of clients / customers with proof for supplied air-conditioners for not less than Rs.6.00 Lakhs in a single order or Rs.3.00 Lakhs in two orders during last two years.
 - e. Enclose authorization letter in case representing their principals
 - f. Endorse your signature in the tender
 - g. Price Bid