

NATIONAL POWER TRAINING INSTITUTE

(Under ministry of Power, Govt. of India)
NORTHERN REGION, BADARPUR BELHI-110 044

BID DOCUMENT

for

SUPPLY, TESTING & COMMISSIONING OF

Sweep Frequency Analyser for Power

Transformer

TENDER NO. NPTI/NR/TnD/10-11/

DATED: 09.03.11

Cost : Rs. 500/- (Non – Refundable)

Sl.No. :

Issued to :

NATIONAL POWER TRAINING INSTITUTE

(Under the Ministry of Power, Govt. of India)
BTPS COMPLX, BADARPUR, DELHI-110 044

NOTICE INVITING TENDER

Sealed tenders are hereby invited on behalf of the National Power Training Institute (Ministry of Power, Govt. of India) for the work as per schedule, specifications and as per the terms and conditions enclosed herewith from the authorized dealers/distributors/manufacturers-company.

1. Name of work : **Sweep Frequency Analyser for Power Transformer**
2. Estimated cost : **Rs. 10,00,000/-**
3. Earnest Money : **Rs. 20,000/-**
4. Last date of receipt of tender : **Up to 13.00 Hrs on 18.03.11**
5. Date of opening the tender : **21.03.2011 (15.00 Hrs.)**
6. Time of supply : **31.03.2011**

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

The bid document can be obtained from the **Junior Accounts Officer**, NPTI (NR) at Institute Building, NPTI, Badarpur, Delhi-110 044, from **09.03.11 to 18.03.11** between 11.00 am to 4.00 pm on working days on payment of **Rs.500/-** towards the cost of bid document, payable through demand draft drawn in favour of “**NPTI, Badarpur**” or by cash.

Sealed quotations along with Earnest Money Deposit (EMD) of **Rs.20,000/-** should be submitted to the office of the **Deputy Director (I/C.)** at Institute Building, NPTI, Badarpur-110 044 latest by **31.03.11 up to 13.00 Hrs**. The tenders will be **opened at 15.00 hrs on the same day** in the Conference Hall, Institute Building, NPTI, Badarpur.

PRINCIPAL DIRECTOR

NOTICE INVITING TENDER

Important Instructions: Terms & Condition

1. The tenderers are advised to go through the tender documents, terms and conditions thoroughly and must sign all the pages as a token of their acceptance. These documents must be submitted along with their technical bids, failing which the tenders are liable to be rejected.
2. Every bidder shall also pay **Rs. 500/-** towards cost of the bid document by way of a demand draft in favor of 'NPTI, Badarpur' or by cash. All those bidders who have downloaded the bid from the website shall ensure that the cost of the bid document is also placed in the cover containing the technical and financial bid. Any bid for which the cost of the bid document has not been paid shall be summarily rejected.
3. Agency in their own interest is advised to visit the site and acquaint themselves with the situation before quoting the rates. In case of any clarification, the same may be referred to NPTI.
4. The Tender Documents should be submitted in sealed envelop super scribing with the tender enquiry number name of schedule and due date of opening on the top of envelop.

The tender must contain all the relevant technical specifications of the equipments as per tender document along with the relevant technical literatures / brochures / pamphlets / drawings and alternate proposal, if any including the following commercial terms:

1. Detail of EMD submitted by way of Demand Draft
2. Terms of payment
3. Delivery period should be offered as early as possible and be clearly stated in your offer.
4. Validity period should be minimum 90 days from the date of opening of the tenders.
5. Price basis should be F.O.R. destination basis i.e. NPTI (N.R) Badarpur.

The tender should be submitted containing their rates, amount and make of equipments with detailed specifications, on the body of the original annexure enclosed with the tender schedule, neatly and clearly without any over writing inclusive of supply, installation and commissioning charges, as the case may be. The prices must be firm and final till the delivery of equipments inclusive of all taxes, Govt. levies and other duties on FOR destination basis.

The prices have to be quoted both in figures and in words. In case if there is any ambiguity, the rates in words will be considered final.

General Terms and Conditions:

1. The tender documents are not transferable.
2. The tenders found vague and indefinite expression such as “Subject to immediate acceptance” “and subject to prior sale” will not be considered.
3. Earnest Money

The tender's shall have to deposit an earnest money of specified amount mentioned in NIT in the form of demand draft drawn in favour of “**National Power Training Institute**” payable at **Badarpur** or in cash to be deposited in this office along with the tender. The tender received without earnest money shall not be considered and liable to be rejected.

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 for which EMD amount lies with NPTI.

The payment

The 100% payment will be released within 30 days after successful supply, installation and commissioning of equipments at site.

Prices

The prices quoted should be firm till the delivery of the equipments. All charges such as packing, forwarding, insurance, freight and cost of installation shall be included in the prices. The excise duty, sales tax VAT/Service tax, Octroi if charged extra should be clearly indicated failing which the prices will be deemed to be inclusive of all these duties and taxes.

Delivery

The timely delivery of the equipments / materials is the essence of contract. The supply should be completed within the specified delivery period. Delivery and installation shall be completed within maximum two weeks from the placement of orders.

Late Receipt of Tender

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.

Holiday

In the event of the date of opening of the tender being declared as closed holiday for Central Govt. offices, the date of opening would be the next working day.

Acceptance of Tender

This office reserves the right to accept or reject, any or all the tenders, wholly or partially received, without assigning any reason whatsoever. This office does not bind itself to accept the lowest tender.

The quantity of items can be increased or decreased as per the direction of NPTI.

Inspection

This office, on its discretion reserves the right to inspect the firms establishment / site and the equipments, prior to placement of the order. However, the authorized officer shall carry out the final inspection of the equipment and materials at this office.

Product Range

The suppliers may quote for the supply of all the equipment and materials or partially in accordance with their product range and the availability of the equipment

Service after sale:

Bidders are required to submit the particulars regarding after sales services and supply of spare parts whether they would be able to provide after sales service for the satisfactory operation and maintenance of equipments.

Demonstration:

The bidders shall have to arrange the demonstration and working of their equipments and training free of cost to our authorized officers / staff.

Safety

1. 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, erection and commissioning if any.
2. 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.

Erection

The supplier has to make his own arrangement for the ordinary / special tools, machinery, and other consumables, if required for successful completion of Erection and Commissioning.

Risk Purchase

The supply of the material must be completed within the specified delivery period satisfactory failing which this office reserves the right to purchase the said equipments from any other sources at the supplier's cost and risk.

Special Discount

NPTI is the Educational Institute under the Ministry of Power, Govt. of India. The different laboratories/lecture halls are being established for educational / training purpose. Therefore, it is desirable that firms may offer a special discount, if any and should clearly indicate in their price bids.

Arbitration

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, claims, matter or things whatsoever in any way arising out of the works relating to the contract of execution or failure to execute the same whether arising during the progress of the contract or after the completion or abandonment thereof shall be referred to the sole arbitration of the person to be appointed by the Head of the Institute, National Power Training Institute(NR), Badarpur. The proceedings of the arbitration shall be carried out in Badarpur, Delhi-110 044 only. The decision of the arbitrator so appointed, will be the final and binding on both the parties.

Warrantees and Guarantees

1. Agency shall fully warrant that all the stores supplied under the order shall be the 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, NPTI shall inform Agency and the Agency shall immediately on receipt of such intimation, depute their personnel within 24 hrs days to investigate the causes of defects and arrange rectification of the defective work at site without any cost of NPTI within a reasonable period. NPTI shall be free to take such corrective action as may be deemed necessary at Agency's risk and cost after giving notice to the Agency.
3. Damage to the machinery and / or equipment due to incomplete and erroneous instructions issued by supplier will be the responsibility of the

supplier and will be treated according to the provisions of warranty clause. Normal Wear and Tear shall not come under purview of the clause.

Work schedule / Delayed works / Liquidated Damaged

The work shall be completed within the stipulated time limit. Should the contractor fail to execute the work in full or part within the stipulated date, NPTI shall be entitled at its option either:

i) To recover from the contractors without notice liquidated damages not exceeding 2% of the price of the unfinished works for each week or part thereof by which the work has been delayed.

OR

ii) To cancel the contract in full or for the incomplete portion and to authorize execute at the risk and cost of the contractor. The contractor's liability in this respect will be restricted to the differences in cost which the purchaser may have to pay the other parties from whom the purchases are made.

Specification, Drawing, Technical Manuals

Unless otherwise specified the whole work required to execute as per International /CPRI specifications.

Contractor shall furnish technical documents final completion drawings for installation free of cost.

Subletting of tenders

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

BILL OF QUANTITIES

Sl . No.	Description of items	Qty.	Unit	Rate	Cost	Remarks
1.	<p>Supply of Sweep Frequency Response Analyzer Test Kit, which shall able to detect "hidden transformer fault" like coil deformation, faulty core grounds, shorted turns etc. caused by Mechanical/Electrical failures/Stress, of power transformers of small capacity (Single Unit/3 Phase Unit).</p> <p>Specifications: Method Sweep Frequency Frequency Range:10Hz to 20MHz Source Output Impedance: 50 Ω No. of Channels: 02 Dynamic Range: >120 dB Gain Error : ± 1 dB Phase Error : 0.5 deg. No. of points per sweep: at least 3200 PC Interface: USB/Ethernet</p> <p>Note. 1.All Operator Training and Demonstration at site included for above three items. 2.All items must conform to applicable international standards 3. Environmental conditions: Operating temperature : 0 to 55 deg C Storage temperature :0 to 60 deg. C Relative humidity :up to 95% (non-condensing) On-site training to operate the test kit shall be provided free of cost. The supplier shall provide class room training on SFRA theory and application and shall also provide analysis support for at least one year.</p>	1 Nos.				

Signature of the Bidder

