

## National power Training Institute

Hot Line Training Centre  
26<sup>th</sup> K.M. Kanakapura Road,  
Bangalore - 560 082

Telephone: 080-28432596, 053 & 212. Email: [hltc\\_npti@vsnl.net](mailto:hltc_npti@vsnl.net)

### NOTICE INVITING TENDER

1. Name of the work : **Supply of Hot Line Tools and Equipments**
2. Estimated cost of the work : Rs. 17 Lakhs
3. Cost of Tender Document : Rs. 500/-
4. Earnest Money Deposit : Rs. 50,000/-
5. Last date for issue of Tenders form : 16.11.2010
6. Last date for receipt of Tender : 18.11.2010 (11.00hrs.)
7. Date of Technical bid opening : 18.11.2010 (15:00 hrs.)
8. Date of Price bid opening : Shall be intimated to the bidders after the successful evaluation of their Technical bid
9. Special requirements : The supplier shall be manufacturer / an authorized Dealer/distributor of such Equipment
10. Tender document can be can be obtained in person / post (with self addressed envelope of A4 size for Rs.25/-) from:  
**Director,  
National Power Training Institute,  
Hot Line Training Centre,  
26<sup>th</sup>. K.M. Kanakapura Road,  
Somanahalli Gate, Udayapura Post,  
Bangalore – 560 082 .**
11. Tender document can be downloaded: (1) <http://tenders.gov.in>  
(under Central Government Department Tenders/ National Power Training Institute) **OR**  
(2) <http://www.kar.nic.in/psti/> **OR** (3) <http://www.npti.in>

**Supply of Hot Line Tools & Equipments- N I T due on 18-11-2010.** (Signature of the Bidder) 1

**National power Training Institute**  
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**Bangalore - 560 082**

**Telephone: 080-28432596,053 & 212. Email: hltc\_npti@vsnl.net**

Ref. No. NPTI/HLTC/Hot Line Tools/ 2010-11/

Dated: 28<sup>th</sup> October, 2010.

Sub: Supply of Hot Line Tools and Equipments . reg.

Sealed quotations are invited for the supply of the following Hot Line tools & equipment in two parts as per the detailed specifications given below along with quantity.

(a)The main Tender Document for Supply of Hot Line Tools and Equipments is enclosed as Annexure . I

(b)The terms and conditions for the bidders are enclosed in **Annexure II**.

(c)The **Technical Bid** shall not have price portion but must include the EMD, details of credentials, Income Tax Clearance Certificate, Authorization regarding dealership, if any, and detailed technical specifications;

(d)The **Price Bid** should contain prices only. The prices quoted shall be firm, final, and for F.O.R. destination. Prices shall be shown in words and figures.

(e)The firm shall submit an amount of Rs.**50, 000/-** (Rupees Fifty Thousand Only) favouring **“Director, Hot Line Training Centre+as EMD**. Separate Demand Draft towards the Cost of Tender Document may also enclosed if it is not purchased from this office but it is downloaded from the net.

(f)Last date for submission of Tender: 18.11.2010. up to 11.00Hrs. only

(g)Tender cover has to be super scribed as **“Supply of Hot Line Tools and Equipments”** which in turn shall contain two separate covers superscribed **“ Technical Bid”** and **“Price Bid”**.

In the first instance the technical bid will be opened on the date of opening of tender and the price bid of the technically qualified tenderers, as considered fit, will be opened on the date and timing fixed by NPTI/HLTC later and the same will be informed.

All offers containing separate **Technical Bid & Price Bid** along with all enclosures must reach this office on or before **18.11.2010**. Incomplete Bids will be rejected without assigning any reason.

Sd/-  
Director.

### Tender Document for Supply of Hot Line Tools and Equipments

| Sl. No. | Specification  | Qty. | Rate in Rupees | Total amount in Rs. |
|---------|--|------|----------------|---------------------|
| 1.      | <b>1.0 Ton Ratchet Hoist; Nylon</b> strap hoist and accessories Hoist with regular handle. Weight : 7kg  | 1    |                |                     |
| 2.      | <b>Chain hoist 2T:</b> Chain hoist and accessories Hoist with regular handle. Weight : 8 kg  | 2    |                |                     |
| 3.      | <b>Mast Yoke:</b> This is an Hardware made copper alloy material used to assemble the three brace poles of mast pole   | 2    |                |                     |
| 4..     | <b>Bridal/Mast pole base:</b> This is a Hard ware made up of aluminum alloy material used to connect brace pole of cradle assembly/ This is a hardware to support the mast and boom pole.  | 1    |                |                     |
| 5.      | <b>Boom Clamp:</b> This is an Hard ware made up of aluminum alloy material it is assembled on boom pole  | 1    |                |                     |
| 6.      | <b>Hot Line Cum along Clamp for 220Kv Line:</b> A metal hardware used grip the conductor in tension operation for 0.4 inch Condr. And above  | 2    |                |                     |
| 7.      | <b>Hot Line Cum along Clamp 66- 132Kv:</b> Capacity: 12000lbs Wire Size: Min.: . Size :.70, Gauge: 397 , Max.: -Size: 1.25, Gauge: 1130, Handle Eye Opening(in.): - 1 ¼ X 1 ¾ , Net Weight: - 8lbs   | 2    |                |                     |
| 8.      | <b>Shepherd hook:</b> Self aligning tool designed for pulling and lifting insulator strings. Swivel action permits it to rotate and maintain its alignment with the insulator at all times. Also used as a support when performing live line works , such as installation of strain poles and yokes. Material: Heat treated aluminum alloy. Approximate weight : 0.30 kg | 18   |                |                     |
| 9.      | <b>Hack saw:</b> Used at various angles where a hack saw is needed near energized conductors , comes with 10 blades. Approximate weight : 0.5 kg   | 2    |                |                     |
| 10.     | <b>Clamp stick head (152 mm):</b> Universal Clamp Stick Head for installation and removal of Eye Screw Grounding Clamps on energized   | 2    |                |                     |
| 11      | <b>Tree Trimmer:</b> Universal Tree Trimmer 1.25+ Epoxy glass pole. It is designed to cut up to 1.5+ Dia. Branches & are especially useful around energized conductors or in hard to get places. Weight : 2 kg, Length: 2mtr.  | 1    |                |                     |

|    |   |        |  |  |
|----|---|--------|--|--|
| 12 | <b>Grip all Stick (Approach Stick) 2 ft long:</b><br>Ideal for trouble shooting, and also used to reach the live conductor by hot man 2 feet early.<br>Folded length: 5ft+, Extended length: 1 ¼x10ft+,<br>Weight: 4.5kg    | 1      |  |  |
| 13 | <b>Insulated Jumper Sets</b> for 15kv hot stick applications<br>Cable length: 12 feet, Weight:5 kg  | 1set   |  |  |
| 14 | <b>Insulated Oiler</b> : Oil mechanism of HV equipments such as: Breakers , Switches , reclosers, etc Overall Length: 2.5 mtr.  | 1      |  |  |
| 15 | <b>Dead end Socket Furnished</b> with 2 Pole Strain Carrier.<br>Max. Load Rating: 15,000lb.<br>For Extension Links with 7/8+Shank &1½+Collar.   | 1      |  |  |
| 16 | <b>Wire tong pole Clevis</b> for pole dia. 64mm,<br>( 2 ½+) Weight: 2 kg  | 6      |  |  |
| 17 | <b>Hot stick Tension Puller for 34.5 kv:</b><br>Capacity: 4,000lb, Working Range: 58-70 inch<br>Max. take-up:12inch, Length: 60in. Weight : 6.40 kg<br>Insulation: Max.: 43in,Min.: 31in.                                   | 2      |  |  |
| 18 | <b>Extension for existing 4"X4",16feet long Boom :</b><br>extension for attaching chair extension Boom: Medium<br>295mm   | 1      |  |  |
| 19 | <b>New type adopter for Boom Pole:</b> A hard ware which avoids the assembly of brace pole and mast pole and Mast yoke  | 1      |  |  |
| 20 | <b>24" – Acme –thread strain jack:</b> Weight : 2 Kg  | 2      |  |  |
| 21 | <b>Take up Trunnion:</b> Suitable for use with strain jack.<br>Width : 67 mm, Weight : Approx. 1 kg   | 2      |  |  |
| 22 | <b>Safety Belt</b><br>and <b>supporting strap</b> Size D-22 each  | 6<br>6 |  |  |
| 23 | <b>Conductive shoe:</b> sizes 8,9 (each three pair)   | 6pair  |  |  |
| 24 | <b>Extendable ladder:</b> Retracted Length :523mm<br>Extended Length:9.07 mm, Rungs :30<br>Approximate Weight :32 kg  | 1      |  |  |
| 25 | <b>Conductive gloves</b>  | 6 pair |  |  |
| 26 | <b>Pole saddles:</b> This is a hard ware which is fixing to the round pole, RCC pole to fix the Wire tong of deferentsizes  | 12     |  |  |
| 27 | <b>Spline universal head</b> for 32 mm Tie stick  | 20     |  |  |
| 28 | <b>Ladder hooks</b> only for utility ladder platform  | 1pair  |  |  |
| 29 | <b>Tree Trimmer:</b> Universal Tree Trimmer 1.25+Epoxy glass pole. It is designed to cut up to 1.5+Dia. Branches & are especially useful around energized conductors or in hard to get places. Weight : 2 kg, Length: 2mtr. | 1No.   |  |  |
| 30 | <b>Dead End Compression Yoke Assembly with shoes :</b><br>Complete with Hotline Extension Link for 3/4+and 1+dia<br>Assembly is rated at 11,000 pounds maximum load.<br>Weight:20 kg  | 1      |  |  |

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**TERMS AND CONDITIONS**

1. Tender Document is non-transferable.
2. The firm shall submit the EMD along with quotation. The earnest money deposit for the tender shall be paid in the form of **Demand Draft** payable at **Bangalore** drawn in favour of **“Director, Hot Line Training Centre”**. Tenders without EMD will be rejected. If the tender is withdrawn during the validity period, the EMD will be forfeited. The earnest money deposited with the quotation shall be adjusted against the Security Deposit or final payment in case of successful bidder. In case of other bidders it will be returned after the expiry of validity period or the finalization of supplier whichever is earlier.
3. Vendor shall quote for all the schedules. NPTI/HLTC reserves the right to give preference to the firm, which quotes for all the schedules.
4. The bidders are required to furnish credentials for similar equipments (Hot Line Tools & Equipment) supplied to various reputed organizations of Govt. or Semi. Govt. together with the year of their actual supply, name and address of the customer and Income Tax clearance certificate
5. The prices quoted shall be firm and final & for F.O.R. destination. Prices must be shown in figures and words. In case of difference between words and figures the lowest of the two will be taken as the rate quoted.
6. Offer shall be sent in properly sealed covers addressed to the Director, National Power Training Institute, **Hot Line Training Centre**, 26<sup>th</sup>. K.M. Kanakapura Road, Somanahalli Gate, Udayapura Post, Bangalore . 560 082.
7. The tenders received up to & on the due date will be opened on prescribed date of opening in the presence of the representatives of the firms, who may like to be present on the date of opening of the tenders. Director, NPTI/HLTC reserves the right to reject any or all the tenders at his sole discretion without assigning any reason and further reference to firm.
8. The offer shall be valid for **90** days from the date of opening of tenders.
9. The original tender papers and specifications duly signed and stamped by the authorised signatory on each page shall be submitted as a token of acceptance of the terms and conditions. Quotations without signature and stamp will be summarily rejected.
10. Mode of payment . 90% (Ninety percent) of the total payment will be made after completion of supply,
11. The balance payment of 10% (Ten percent) will be retained as performance guarantee and will be released after the warranty period or against submission of Bank Guarantee valid for the period of warranty.
12. Testing & Commissioning . The job includes supply, and Demonstration at site.

13. Warranty . The warranty for all equipment supplied shall be for a minimum period of **Two** years from the date of commissioning. Any defects/defective parts shall be rectified and/or replaced at the suppliers cost during the warranty period and regular maintenance is to be carried out during warranty period.

14. The bidder at the request of NPTI/HLTC shall arrange for demonstration and working of the equipment he has offered in his proposal. The demonstration shall be arranged at the cost of bidder.

15. Maximum period including delivery, installation and commissioning shall be **three months** from the date of placement of order.

16. Transportation & Safety . The supplier shall be responsible for the safety of the material during transit and during loading and unloading. NPTI/HLTC does not own any responsibility if the material is damaged during transit and also while loading / unloading.

17. NPTI/HLTC reserves the right to reject any or all quotations without assigning any reason/notice to the firm(s).

18. The firm shall depute a service engineer for attending the complaint within 24 hours of its registering. In the event of major maintenance job that requires more than one day, then the firm shall provide their machine (s) till the faulty machine (s) gets repaired.

19. During the Warranty period, all the spare parts shall be provided by the firm at their own cost.

20. The faulty parts arising out of replacement shall be the property of the firm. The firm shall replace the faulty part by the same make if available in the market. However in case of non-availability of part due to obsolescence or discontinuation, the same may please be replaced by one which is of reputed make available in the market duly approved by NPTI/HLTC or their designated engineer in- charge.

21. The work shall be executed as per the direction and satisfaction of the Engineer In-charge. Decision of the Engineer In-charge will be final and binding incase of any extra work.

22. Postal delay or loss of tender in transit will not be the responsibility of this office.

23. Telegraphic or Telex / Fax or Email offers will not be considered.

24. The Warranty shall start from the date of commissioning of the equipments.

25. The lowest bidder shall not have any right for award of the contract. NPTI/HLTC reserves the right of awarding the contract to any of the firms after due consideration of their merits/ demerits.

26. Settlement of Disputes by Arbitration: Except where otherwise provided in the contract. All questions and disputes relating to the meaning of the specifications, claim or things whatsoever, in any way arising out of the works relating to the contract, or the 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 Principal Director, National Power Training Institute, **Hot Line Training Centre**, 26<sup>th</sup>. K.M. Kanakapura Main Road, Gate, Udayapura Post, Bangalore . 560 082.

27. The proceedings of the arbitration shall be carried out in Bangalore. The decision of the arbitrator so appointed shall be final and binding on both the parties.

28. The decision of Director, NPTI/HLTC , Bangalore will be final in all the matters relating to technical and commercial terms and specifications.

29. NPTI/HLTC reserves the right to order all the items of the specification or a part thereof.

30. The supplier shall ensure the quality of work. However, reduced rate payment at the discretion of the Engineer In charge will be payable to such inferior goods/work.

31. To recover Liquidated Damages: In the event of unsatisfactory, delayed/non-supply of materials the supplier shall be liable to pay damages at the rate of 1% of the price of the stores which the supplier has failed to deliver per week subject to a maximum of 10% of the value of the order (by way of liquidated damages), without prejudice to the right of Director, NPTI/HLTC to take any other action and the amount shall also be recoverable from any other contract with HLTC on the account of the supplier.

32. Risk Purchase: The supply of all items must be completed satisfactorily and within the specified period in the order failing which the Director, NPTI/HLTC , Bangalore reserves the right to purchase the stores from other sources at the suppliers cost and risk.

33. The quotation must also contain the following commercial terms and conditions:

- a. Validity of bid from the date of opening of bid.
- b. Delivery period from the date of placement of order
- c. Terms of payment if any.
- d. Any other commercial terms and conditions.
- e. List of all equipments and items to be supplied to make the system complete and operational without price portion.
- f. The original tender papers and specifications duly signed and stamped by the authorized signatory on each page.

34.The tender shall be complete in all respects. Full particulars and descriptive literature shall be forwarded with the tender in duplicate.

35.It is in the interest of bidders to study the specifications specified in the tender schedule thoroughly before quoting. If any deviations are made by the bidders, the same are prominently brought out in the body of their tender.

36.Tenderers are not allowed to revise their original price unless some deficiencies/ deviation are noticed in their offer requiring alterations to bring at par with the intent of the tender specifications and they have been specifically asked for by NPTI/HLTC to revise their price.

37.The bidder or his authorised representative may be present at the opening of the tender at the time and date as specified in the schedule and as intimated later towards price bid. The name and address of the representative who would be attending the opening of tender shall be indicated in a separate letter enclosed with the tender.

38.In the event of date of opening of the tender being declared as closed holiday for Central Government offices, the date of opening shall be the following day.

39.When the equipment do not necessarily confirm to specifications quoted, but are guaranteed by the tenderer to serve the purpose, bidder shall indicate clearly in what respect and to what extent their offer differs from the required specifications.

40.The detailed specifications provided are indicative and the supplier is free to provide functionally superior equipment/components but with a mention of the same in the bid. Due weightage will be given for such superior specifications.

41.The supplier shall arrange for the packing and transportation of the material at his own cost till the destination (i.e. site of installation of equipment). The cost quoted shall include excise duty, other duties, transportation, transit insurance etc & all other applicable taxes like Octroi, Sales tax / VAT etc. The percentage of duties and taxes for each item of supply shall be indicated.

42.The supplier has to make his own arrangement for ordinary and special parts and other consumables if any required for the successful completion of work.

43.The work shall be executed as per the directions and satisfaction of the Engineer In charge.

44.Decision of the Engineer In charge will be final and binding in case of any extra work.

45.The supplier shall submit the final bill in triplicate within three months of completion of supply / work.

46.HLTC reserves the right to order all the items of the specification or a part there of.

47. Authorization letter from the OEM to be enclosed with the offer.

48.Test Certificate from Authorized testing Authority/Institution may be attached.

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