

INDIAN INSTITUTE OF TROPICAL METEOROLOGY
PASHAN, PUNE-411 008

Tender No. IITM/EM/36//2013-15

Name of the work: Rectification of 22 KV Power Line

(Techno-Commercial Bid)

INDIAN INSTITUTE OF TROPICAL METEOROLOGY
PASHAN, PUNE-411 008

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e - TENDER NOTICE

Director, Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, Pashan, Pune-411 008 (India) invites sealed tenders for the below work from electrical contractors having valid Electrical Contractor License.

Name of the work: Rectification of 22 KV Power line

Tender documents can be downloaded from e-procurement web site <http://www.eprocure.gov.in> or from Institute's website <http://www.tropmet.res.in> and also can be obtained from the electrical wing of the Institute.

Start date of issue of tender documents	: 15/10/2015		
Last date of receipt of Tender at IITM, Pune	: 03/11/2015	at	12:30 Hrs
Opening of Tenders (Technical Bids only)	: 03/11/2015	at	15:00 Hrs

The Institute reserves the right to reject any or all tenders without assigning any reasons thereof. For further details please visit our website www.tropmet.res.in and www.eprocure.gov.in .Corrigendum if any will be published on the above websites only.

Electrical Engineer
For Director
Email: jnanesh@tropmet.res.in

Terms and conditions

Name of Work	<u>Rectification of 22 KV Power Line</u>
Period for completion of work	20 days from date of issue of work order.
Earnest Money Deposit (EMD)	Rs 11,000=00 (Rupees Eleven thousand Only) by Demand Draft/ Bank Guarantee, drawn from any Nationalized or Scheduled Banks in India payable at Pune in favor of "Director, IITM, Pune."
submission of bids	Bids to be submitted on or before 03/11/2015 12:30Hrs at Dispatch section, Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, NCL post, Pashan Pune – 411008 in sealed covers superscribing the tender no and name of the work.
Opening of Tender	03/11/2015 at 15:00 Hrs

QUALIFICATION CRITERIA:

The following documents to be submitted along with bid else bid will be disqualified:

- 1) The contractor must have valid Electrical Contractor License for working as electrical contractor of **22 KV/11KV** issued by Maharashtra state/ state administration of the state in which the contractor is working. Copy of documents to be attached.
- 2) The contractor must have completed at least two similar underground cabling works with cable joining works for not less than 22KV/11KV. Names of reputed organizations, satisfactory performance reports should be attached with this tender.

- 3) Bidder should furnish EMD of Rupees 11,000.00 (Rs. Eleven Thousand Only) by a Demand Draft Drawn in favor of "The Director, Indian Institute of Tropical Meteorology, Pune." with this tender. Tenders without earnest money shall be rejected.

Details of execution of works:

Power to IITM is transmitted through underground cabling from Ganeshkind substation to IITM. There are two 22KV express feeder underground cable power lines from Ganeshkind substation to IITM. There are three numbers of 22KV load break switches to each line along Pashan road. Institute wish to carry out the removal of 2 nos. of load break switches (one each from two lines) located near Abhimanshree Society, opposite to Volkswagen show room, Pashan Road, Pune, and rectifying it by making permanent Straight through joints. Since the location of LBS is along the public road as mentioned above extra care and required permissions to be ensured by successful contractor.

- 1) The work includes removing the Existing 22 KV LBS and excavating suitable area and jointing the cable through straight through joints. Laying of 22KV,3CX300 sq.mm Aluminum cable if necessary including excavation, laying of cable, covering with half round pipe and refilling the trench , cementing the entire jointing area on top of excavation with proper sloping to be ensured by the bidder
- 2) Removal of L.B.S and Transporting to required location.
- 3) High pressure test, Megger test or any other test required for charging the cable for each line to be carried out by successful contractor and should submit the report.
- 4) All required permission from MSEDCL, PMC or any statutory permission required for executing the work are included in bidders scope. The successful bidder has to ensure shutdown and charging permissions, Electrical inspector permission for charging, WCR after completing work and PMC permissions for excavation should be taken by the contractor.
- 5) The bidder should check the site and clarify the doubts before quoting.
- 6) The complete work has to be well planned and executed in given time frame by MSEDCL and IITM of approximately 10 hours. Shutdown arrangement has to be arranged by successful contractor by taking necessary approvals from MSEDCL, PMC and IITM .

- 7) Since this is techno-commercial bid all documents stated above including EMD should be placed in sealed cover, duly sealed and signed including this tender form and submit to institute before due date and time. Late bids and unsigned bids will be rejected.
- 8) EMD amount of successful bidder will be retained till successful completion of work & EMD of unsuccessful contractor will be returned back after awarding work to successful contractor.
- 9) Measurement and quantity of materials shown in the tender are approximate and payment shall be made as per actual measurement.
- 10) No advance payment will be done.
- 11) 95% Payment after satisfactory work completion.
- 12) Performance guarantee of 5% will be retained and will be released after successful completion of one year defect liability period or against bank guarantee from any nationalized bank.
- 13) All materials required for execution of work should conform to the standard specification and should be approved by the *Engineer in charge* before actually put to use. Commencement of work without prior approval shall be entirely at the risk and cost of the contractor. Make list also mentioned in BOQ.
- 14) All taxes should be clearly mentioned.
- 15) Contractor has to quote as per Commercial Bid.
- 16) **Tools:** Any tools felt necessary for execution of the work should be arranged by the contractor
- 17) **Safety:** The contractor should follow all safety rules and regulations during execution of work as proposed by any statutory authorities and shall indemnify IITM against any accident/injury/death due to negligence or

miscommunication or during discharging the work. It's the duty of contractor to guide his workers regarding safety measures.

- 18) **Penalty Clause:** If contractor fails to work ,install and commission the system within due date as mentioned in the work order, the contractor is liable to pay liquidated damages of 1% value of the bill awarded, for per week delay subject to a maximum of 10% beyond the due date.

For any queries please contact Electrical maintenance unit, IITM.

jnanesh@tropmet.res.in
Electrical Engineer
for Director.

COMMERCIAL- BOQ

NOTE: The bidder should check the site and clarify the doubts before quoting.

Sr. No.	Description	Qty	unit	Rate/unit	Amount
1	Supply and Laying 22KV , 3CX300 sq.mm. Al armoured HT grade underground cable including excavation, covering with half round pipe , refilling the trench and cementing on the top of jointing area with proper sloping etc as per MSEDCL and PMC requirement . Makes:- Havells/Polycab/ Universal/RPG.	100	Mtr.		
2	Jointing with necessary Straight through jointing kits Makes:- 3M/ Raychem	4	Nos.		
3	Liasoning/permission from MSEDCL, PMC or any other statutory permission necessary for shutdown, charging, WCR, excavation etc. and Removal of LBS and transport to required place.	1	Job		
4	All Testing, commissioning of HT line with High Pressure Test, Megger test etc for 2 lines from Ganeshkind substation to IITM as per MSEDCL.	2 line s	Nos.		
	VAT @				
	Service tax @				
	Any other tax @				
	Grand Total (including all taxes)				