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भारतीय प्रौद्योगिकी संस्थान धारवाड

Indian Institute of Technology Dharwad

Near High Court, PB Road, Dharwad-580011

TEL NO: +91 836 2212 839

TENDER FOR DISMANTLING AND SHIFTING OF HT & LT LINES AT PERMANENT CAMPUS OF IIT DHARWAD

Tender no.: IITDH/MMD/IPS/2020-21/88

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD
Near High Court, PB Road, Dharwad-580011

Tender no.: IITDH/MMD/IPS/2020-21/88

NOTICE INVITING TENDER

Name of the work:	Tender for dismantling and shifting of HT & LT lines at permanent campus of IIT Dharwad
Type of Tender:	Limited Tender Enquiry
Estimate Value:	Rs.3.20 Lakh approx.
Cost of tender documents	Free of cost
EMD:	Rs.6,500/- (DD/PO in favour of The Registrar, IIT Dharwad) to be attached with the tender as separate sealed envelope.
Issue of tender:	21 st May 2020
Last date for submission of tender:	Date: 05 th June 2020
	Time: 10:00 AM
Opening of tender:	Date: 05 th June 2020
	Time: 10:30 AM
Contacting Authority:	The Assistant Registrar (MMD) Near High Court, P B Road Dharwad-580011 E-mail: armm@iitdh.ac.in Telephone: 91-836-2212-839

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD
Near High Court, PB Road, Dharwad-580011

Tender no.: IITDH/MMD/IPS/2020-21/88

1. GENERAL CONDITIONS OF CONTRACT

Sealed tenders are hereby invited on behalf of the Indian Institute of Technology, (IIT) Dharwad, for dismantling and shifting of HT & LT lines at permanent campus of IIT Dharwad.

Time for completion: 15 Days from issue of Work order.

2. QUALIFICATION CRITERIA:

Only those bidders fulfilling the following Eligibility Criteria should participate in the tender: -

- 2.1 Bidders should be registered Government Licensed Electrical Contractor of Class II & above and must be in the business of Electrical works since 3 years or more (i.e. the firm must be in the business since May 2017 or earlier).
- 2.2 The Bidder must have carried out at least one similar electrical work of minimum 1.00 lakh in reputed organizations/IITs/IIMs/Govt. offices/PSUs/Central Universities etc. during a period of last 3 years (i.e. must have successfully completed the work during May 2017 till date). Completion certificates etc. to this effect are required to be enclosed.
- 2.3 A Certificate/Undertaking on the letter head of the Company to the effect that the bidder/Manufacturer has not been blacklisted anywhere in India or abroad by any organization. A self-certification to this effect is required to be enclosed.
- 2.4 The Bidder should be registered with concerned statutory authorities for GST/Income Tax etc. The bidder should furnish relevant GST registration documents and PAN/TAN copies along with the bank details of the firm.

Any prospective bidder, not satisfying any of the above-mentioned qualification criteria shall be disqualified on technical grounds and the price bid of such disqualified bidder will not be considered for this tender.

Important: Contractor to follow all the protocols of COVID-19 as per the Government instructions.

3. Tender documents can be obtained from IIT Dharwad website:

https://www.iitdh.ac.in/announcements_worktenders.php

4. Tenders are to be submitted in a serially numbered & bounded manner. The tender should be submitted in the **tender box by the tenderer kept in Office of Assistant Registrar up to 10:00 AM** on or before last date and time of bid submission as mentioned in Notice Inviting Tender (NIT). The sealed envelope must be super scribed as **“Tender for dismantling and shifting of HT & LT lines at permanent campus of IIT Dharwad”**. Tender will be opened by Assistant Registrar or his authorized representatives in his office / any other place in the Institute on date and time of tender opening as mentioned in NIT, in the presence of such tenderers who desire to attend.

5. Tenders should be addressed to Assistant Registrar, Indian Institute of Technology Dharwad, Near High Court, PB Road Dharwad 580011. The name of the tenderer and the name of the work

must be noted on the above.

6. Income Tax PAN number & GST registration number is to be submitted along-with the bid.

7. The tenderers should write in figures as well as in words for the rates quoted by them on the proper form of the tender. All corrections / over writings must be attested by the dated initials of the contractor. The tenderer is advised to avoid offering discount /rebate in the covering page or at the end of the schedule. Instead the same can be incorporated in the unit rate by reducing the unit rates. If at all offered, the discount / rebate percentage offered is to be written in words such as Five percent / point Five percent etc.

8. The rates quoted shall be inclusive of all taxes, royalties etc. The contractor shall quote for all the items whose rates are asked and not leave any blanks all taxes including GST shall be borne by the contractor.

9. The offer should be valid for 90 days from the date of opening for the purpose of issue of acceptance letter. The amount quoted herein after referred to as Base rate must be firm and inclusive of all charges of any kind and inclusive of any kind of liability from / to any authority. GST shall be mentioned separately and must not form part of base price. There will be no extra payment or payment of escalation in the amount under any circumstances whatsoever. Statutory taxes will be deducted at source from the payment against the bill amount.

10. No extra item or substitute item shall be allowed out without prior approval in writing.

11. Work has to be carried out in consultation with the representative as authorized by IIT Dharwad.

12. The tenderer should submit the requisite interest free Earnest Money Deposit (EMD) by pay order or Demand Draft in favour of the **The Registrar, IIT Dharwad**. Tenders not accompanied by the Earnest Money Deposit shall not be considered. The EMD of unsuccessful tenderers will be returned within one month of award of work. In case EMD exemption is sought under SME/MSME/NSIC, Valid certificate from MSME explicitly mentioning the tender work herein, is required to be submitted.

13. The Earnest money deposit paid at the time of tender, will be released after payment of final bill.

14. The full value of Earnest Money Deposit is to be absolutely forfeited to the Director, IIT Dharwad or his authorized representative, with prejudice to any other rights or remedies to the Director, IIT Dharwad or his authorized representative, if the contractor fails to commence the work within 15 days continuously from the schedule date of commencement specified.

15. Defect Liability period will be 6 months from the date handing over the finished work for IIT beneficial use.

16. No part of the contract shall be sublet without written permission of IIT Dharwad nor shall transfer be made to power of Attorney authorizing others to receive payment on contractor's behalf.

17. IIT Dharwad reserves the right to reject any tender or all the tenders without assigning any reason therefore.

18. The Contractor shall comply with the provisions of all Acts, Statutes, Rules, Regulations etc. of the Central and State Government as the case may be that may apply to his case and if necessary, get himself duly registered as required by the said Acts, Statutes, Rules, Regulations etc.

19. The contractor for the work shall be liable to pay applicable tax (including Taxes on works contract to state Government) if any that may be levied by the State or Union Government. Any request contrary to this will not be accepted.

20. Completion period: 15 days from issue of work order.

21. Terms of payment: As per the measurements at site and on certification of the site engineer.

22. It shall be open to the Institute to abandon or give up at any stage of the construction of any of the said works or any part thereof. In the event of such abandonment or giving up or in the event of termination of the agreement, the Contractor shall be paid up to the work performed by then

23. Termination of contract If the Contractor fails to perform any of its obligations under this agreement or if Institute is dissatisfied with the services of the Contractor, Institute may issue seven days' written notice intimating the Contractor of their failures or deficiencies and calling upon Contractor to rectify within such time as may be specified in the notice and if the Contractor fails to perform such obligation or make good such deficiencies as pointed out to the Contractor in the notice, Institute may terminate the services of Contractor under this agreement. Institute may also terminate the Contract hereunder:

- i) if the firm is adjudged bankrupt or
- ii) if they make a general assignment for the benefit of their creditors or
- iii) if a receiver is appointed on account of their insolvency or
- iv) they disregard law, ordinances, rules, regulations or orders of any public authority having jurisdiction on the works.

The termination shall be without prejudice to all rights, liabilities and remedies that have arisen or accrued till date of such termination or that may arise on account of such termination and Institute may get the project completed by whatever method they may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment, if due, until the loss, damage or expense incurred by Institute due to breach of this agreement by Contractor have been settled.

In case the Contractor abandons the work during the course of the project, the Institute has the right to appoint an alternate Contractor or make an arrangement for carrying out the work of Contractor, at the risk and cost of the Contractor. Traveling / daily allowances shall not be payable to the Contractor, its representatives, officials and consultants engaged by it for their visit to construction site, offices of local authorities, Employer's office or any other place in Dharwad.

The scope of work broadly described herein and assigned to Contractor, as their area of responsibility is inclusive of all constancy and other services required in connection with the completion of work whether specifically mentioned herein or not and rendering such constancy services will not entitle the Contractor to charge any additional fees in as much as the same are included in the overall professional fees payable to them.

24. Liquidated Damages Clause:

If any delay in execution of the works is attributable to the acts or omissions and commissions of Contractor Institute shall be entitled to recover liquidated damages at the rate of 0.5% of the total fees per week of delay limited to maximum of 10% of the total actual fees payable.

25. Professional indemnity: Contractor warrants that it shall exercise high degree of care and diligence in rendering the services pursuant to this agreement and that; such services shall be of a quality and standard satisfactory to Institute. The Contractor shall indemnify Institute from any damage or loss arising from such lack of care and diligence or arising out of any unsatisfactory performance of service by Contractor. The contractor is required to obtain a Contractor All Risk (CAR) policy for successful and safe completion of project. Contractor shall provide a copy of this policy to Institute showing that such insurance has been taken and being maintained and that all the premia thereon have been paid. A certified copy of such insurance policy shall be deposited with Institute.

26. Dispute Settlement: In case of any dispute or difference arise between the parties during the progress of or after construction of this contract or touching or relating either to the said buildings or works, or to any other matter or thing arising directly or indirectly under this contract, then and in such an event the same shall be referred to Director, IIT Dharwad as the SOLE ARBITRATOR who shall alone consider and determine the same, whose decision / award shall be binding and conclusive upon both the said parties and this clause shall be deemed a submission within the meaning of Arbitration and Conciliation Act 1996 or Statutory modification or re-enactment thereof. It is specifically agreed that the Contractor shall continue to render its services provided herein with all the due diligence, professional skill and tact notwithstanding that any matter, question or dispute has been referred to arbitration. The venue of Arbitration proceedings shall be Dharwad. It is further agreed between the parties as hereto that the Dharwad Courts alone shall have the exclusive jurisdiction.

27. Site: The contractor shall remove all surplus materials, debris etc. out of the IIT Campus from the site of work on completion work and will hand over the site clean before the bill is processed for final payment. Dismantled materials if any (declared by Engineer-in-charge of the work) shall be returned to the HESCOM stores by the contractor at his own cost. The disposal of material shall be done in environmentally friendly way and complying with the local rules and regulations.

28. Security

a. Movement of contractor's materials:

Any materials which are removed from the site of work and are required to be taken out from the IIT campus, the contractor should follow the following procedure:

The contractor shall apply in writing to the Engineer- in-charge the details of the materials to be removed including which are rejected etc. This application shall be endorsed by the engineer in charge or his authorized representatives. The materials shall only be allowed to go out of IIT campus after counter signature of the security officer and checked at the gate. No materials/tools will be allowed to be brought on holidays/Saturdays/Sundays inside the campus. Contractors can bring the materials/tools/between 0900 hours and 1700 hours on any working day (Monday to Friday). This may please be noted.

b. Search:

Thorough search of all persons and transport shall be carried out at each gate and for as many times as gate is used for entry or exit and may also be carried out at any time or any number of times at the works site within the restricted area.

c. Working Hours:

The units controlling restricted areas usually work during five days in the week and remain closed on Saturday and Sundays. The working hours available to contractor's labour and staff are however appreciably reduced because of the time of entry and exit during working hours. The exact working hours, working days and non-working days observed for the restricted areas where works are to be carried out shall be deemed to have been ascertained

by the contractor before submitting the tender. The tenderer's attention is invited to the fact that the total number of working hours for units are prescribed in regulations and no work beyond the prescribed working hours shall be permitted.

d. Entry and Exit:

The contractor, his agents, representatives, workmen, etc. and his materials, carts, trucks or other means of transport, etc. will be allowed to enter through and leave from only such gate or gates and at such times as the concerned authorized in charge of the restricted area may, at their sole discretion, permit. Contractor's authorized representatives, if required, are to be present at the places of entry and exit for the purpose of identifying his carts, trucks, etc. to the personnel in charge of the security of the restricted area.

e. Labour Law:

The work will be executed strictly following the Labour Laws of Central Govt & State Govt as may be applicable.

29. Evaluation Criteria

The L-1 will be decided on the Grand Total Rate quoted for the work. All levies/taxes (i.e. GST etc.) must be clearly mentioned in the row provided for the purpose (as per format of commercial bid).

However, the decision of the Competent authority will be final and binding in awarding the order. In case of any clarification required, the same can be clarified from IIT Dharwad before submission of the bids.

The bidders must also note that the quantities may vary (10% more or less). Additional items may also crop up other than the listed items as per site conditions.

30. Other important terms and conditions:

1. The rates quoted shall be inclusive of all taxes, royalties etc. The contractor shall quote for all the items whose rates are asked and not leave any blanks. All taxes including GST shall be borne by the contractor.
2. Income tax and other taxes shall be deducted at source as applicable.
3. The contractor shall not engage labour below 18 years of age and shall pay wages to the labour as per minimum wages act (Latest Revision).
4. Water Charges: - Water shall be supplied to contractor free of charge if available at site.
5. IIT Dharwad, reserves its right to reject the issue of blank tender forms and shall also reserves the right to accept or reject of any tender and to divide the work among different agencies or not to execute any items in the schedule of work or to call any agencies for negotiation without assigning any reason and without any reference.
6. Security Deposit will be deducted @ 05% of the value of work executed from the bill. The security deposit will be released after period of six months of Defect Liability Period from the date of commissioning / handing over of the work.
7. No extra item or substituted items of work shall be carried out unless prior approval in writing has been received by the contractor for the rates of such items submitted by him.
8. The contractor shall abide by all security regulations issued by the security staff of the institute from time to time and rules amended by them.
9. Sufficient care shall be taken by the contractor while carrying out the work; any damaged done to the institute property shall be rectified at contractor's cost.

10. The contractor shall remove all the surplus material, debris out of the campus immediately; failing which IIT has the right to remove the same by other contractor at the cost of the original contractor.
11. Work has to be carried out in consultation with Director/person deputed by director office.
12. The time is essence of the contract. The job is to be completed on the stipulated time limit.
13. The Drawings for the work are attached as Annexure-3.
- 14. Dismantled scrap material is to be returned to HESCOM after completion of the work.**

31. Scope of work

1. Dismantling of existing electrical poles and decommissioning of 25kVA transformer in the IIT new campus as shown in the **fig 3.1 (Annexure -3)**.
2. Dismantling of existing electrical poles IIT new campus as shown in the **fig 3.2 (Annexure-3)**.
3. Dismantling of existing electrical poles and decommissioning of 25kVA transformer in the IIT new campus as shown in the **fig 3.3 (Annexure -3)**, after dismantling of existing line the erection of existing 25kVA transformer and installation of electrical poles as shown in the **fig 3.3 (Annexure -3)**.
4. After completion of the above listed work the scrap material should be handover to the HESCOM store.

Bidder Information

1.	Name of the Bidder	
2.	Address of the Bidder	
3.	PAN No.	
4.	GSTN No.	
5.	State of GST Registration	
6.	E-mail	
7.	Contact Person's Name & Designation	
8.	Mobile No.	
9.	Class of Registration	

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Tender no.: IITDH/MMD/IPS/2020-21/88

SCHEDULE OF WORK / BOQ / PRICE BID
(To be quoted on the letter head of the bidder)

Sl. No.	Particulars/Description	Unit	Qty	Unit Rate	Total Amount
A) Releasing of HT/LT lines and Distribution Transformer in IIT New Campus					
1	8 meter RCC DP 25 kVA Distribution Transformer Structure.	Set	2		
2	25kVA Distribution Transformer with Oil	Nos	1		
3	PSC Pole - 8 Meter Long	Nos	34		
4	Weasel ACSR Conductor	km	4.81		
5	Squirrel ACSR Conductor	km	0.84		
6	2 pin Cross Arms	Nos	20		
7	4 pin Cross Arms	Nos	27		
8	11kV DOLO	Nos	1		
9	LT Protection Kit	Nos	1		
Sub-Total (A)					
B) Erection of 3 Phase, 11kV/433V, 25 kVA Angadi IP Distribution Transformer Centre Using 9 Mtr RCC Pole DPTS					
1	Supplying & Fixing of Double Pole Transformer Structure complete with cross arms, braces, clamps, bolts & nuts and washers including 2 No of Poles for 25kVA 4/5 Star Rated Transformer on RCC Pole – 9-Meter-Long, 145 Kg WL - MS	Set	1		
2	Supplying & Fixing of 11 kV, 5 KN Composite/Polymeric Pin Insulator (24 mm Dia. FRP Rod)	Nos	3		
3	Supplying & Fixing of 11 kV, 45 KN Polymeric Pin Insulator	Nos	3		
4	Erection & Fixing of 25kVA Distribution Transformer-labour only	Nos	1		
5	Supplying & Fixing of Guy set with No. 15 Strain Insulator & Concreting materials as per Drawing. No. BESCO/GM/CP/7 Dt: 24.10.07	Set	4		
6	Supplying & Fixing of Guy concreting with Boulders, Mud and Sand (without Cement)	Nos	4		
7	Supplying & Fixing of Guy wire 7/10 SWG	kg	10		
8	Supplying & Fixing of GI Wire 8 SWG	kg	5		
9	Supplying & Fixing of Earthing materials pipe type for grounding Single Electrode with accessories	Set	3		
10	Supplying & Fixing of 11 kV Lightning Arrester, Metal oxide, 9 kV, 5 kA Polymeric Type with ground dis connector-(one set is of 3 nos.)	Set	1		

Supplying & Fixing of Switch Gear					
11	a) LT Protection Kit for 25 kVA	Nos	1		
	b) LT Wiring (From DTC to LT Line Through Metering Box & LT Protection Kit) SINGLE CIRCUIT	Set	1		
	i) Al Lead Wire - 95 Sq.mm.	Mtrs	40		
	ii) Heavy Duty Long Barrel Copper Lug - 95 Sq. mm	Nos	4		
	iii) PG Clamp - Rabbit to 95 Sq. mm	Nos	4		
	iv) Spacer for DTC Wiring	Nos	8		
	v) Fish Plate with necessary Clamps, bolts & nuts etc. complete (Galvanised)	Nos	2		
12	11 kV, Solid Core Type HG Fuse Unit (one set is of 3nos.)	Set	1		
13	11 kV, 200 Amps, Single Break GOS	Nos	1		
14	H - Frame Set for fixing 11 kV, 200 Amps Single Break GOS - (For DP structure for providing New GOS for sectionalisation) - MS (Drawing. No. BESCOM/GM/QS&S/61 Dated 24.11.2018)	Nos	1		
Sub-Total (B)					
C) Suppling and fixing of 25kVA Angadi IP DTC HT/LT Lines					
1	Supplying & Fixing of 11 kV, Horizontal Cross Arm with clamps, HTST supports, bolts, nuts and washers for RCC Pole - 9 Mtr Long, 145 Kg WL	Set	2		
2	Supplying & Fixing of 11 kV, 5 KN Polymeric Pin Insulator (24 mm Dia FRP Rod)	Nos	6		
3	Supplying & Fixing of 11 kV, 45 KN Polymeric Insulator	Nos	6		
4	Supplying & Fixing of Guy Set Complete with No. 15 Strain Insulator & Concreting materials	Set	2		
5	Supplying & Fixing of Rabbit ACSR Conductor	km	0.15		
6	Supplying & Fixing of Guy concreting with Boulders, Mud and Sand	Nos	2		
7	Supplying & Fixing of RCC Pole - 9 Mtr. Long, 145 Kg WL	Nos	1		
8	Supplying & Fixing of PSC Pole - 9 Mtr. Long, 200 Kg WL	Nos	1		
9	Supplying & Fixing of RCC Pole - 8 Mtr. Long, 115 Kg WL	Nos	2		
10	Supplying & Fixing of PSC Pole - 8 Mtr. Long, 200 Kg WL	Nos	11		
11	Supplying & Fixing of PSC Pole - 8 Mtr. Long, 200 Kg WL for stud	Nos	3		
12	Supplying & Fixing of LT 2 Pin Cross Arm with clamps, bolts, nuts for RCC Pole - 9 Mtr. Long, 145 Kg WL	Set	20		
13	Supplying & Fixing of LT 4 Pin Cross Arm with clamps, bolts, nuts and washers for RCC Pole - 9 Mtr. Long, 145 Kg WL	Set	5		

14	Supplying & Fixing of 1.1 kV Pin Insulator with GI Pin	Nos	30		
15	Supplying & Fixing of No. 8 Strain Insulator	Nos	28		
16	Supplying & Fixing of Guy Set Complete with No. 8 Strain Insulator & Concreting materials	Set	8		
17	Supplying & Fixing of Weasel ACSR Conductor	km	1.79		
18	Supplying & Fixing of Guarding Material & 4 Pin Cross Arm with clamps, bolts, nuts and washers. Span/40 mtrs..	Set	1		
19	Supplying & Fixing of Spiral earth electrode	Nos	15		
20	Supplying & Fixing of Guy concreting with Boulders, Mud and Sand without cement	Nos	8		
Sub-Total (C)					
Total (A+B+C)					
GST/Taxes as applicable					
GRAND TOTAL					

Note: -

1. New material to be used should be approved by HESCOM.
2. Contractor to return dismantled scrap material to HESCOM as per table below / actual quantity dismantled.

Sl. No.	Particulars	Unit	Quantity
1	8mtr RCC DP 25 kVA Distribution Transformer Structure.	Set	2
2	8mtr RCC Pole	Nos	4
3	25kVA Distribution Transformer with Oil	Nos	1
4	Weasel ACSR Conductor	km	4.32
5	Squirrel ACSR Conductor	km	0.75
6	2 pin Cross Arms	Nos	20
7	4 pin Cross Arms	Nos	27
8	LT Protection Lit	Nos	1

Declaration: I/We do hereby accept all the terms and conditions laid down in the tender document for the above said work/supply. I/We also agree to the condition that the right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reasons thereto is reserved by the Competent authority of the Institute without any obligation or liability whatsoever.

Signature of the Bidder/Manufacturer with date and seal

Fig.3.1

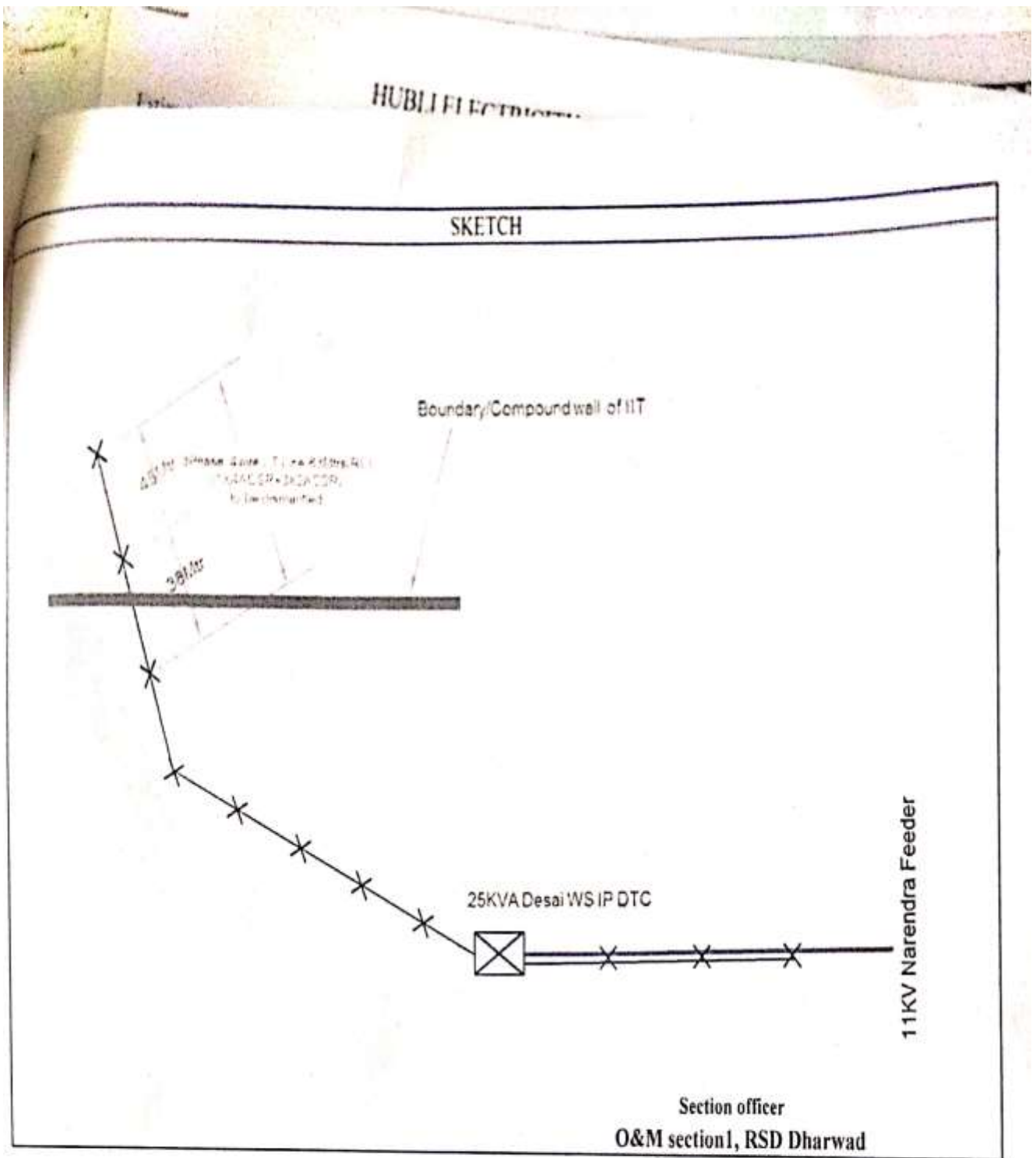


Fig.3.2

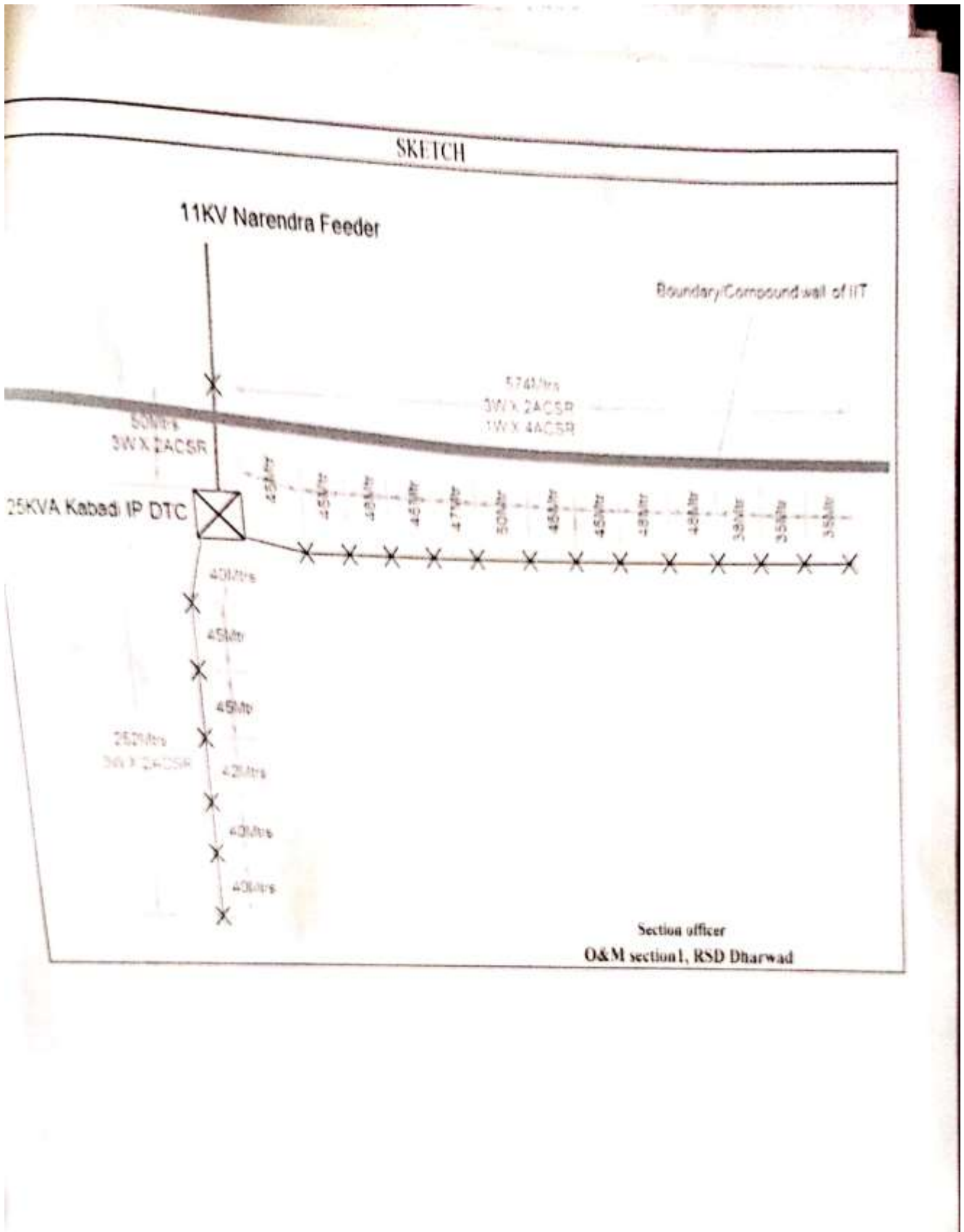


Fig.3.3

