

Maharashtra State Electricity Distribution Co. Ltd.

Tender Details		06-06-2024 01:50:27
Tender Code	SE/HNGC/ET-01/24-25	
Tender Type	Works Tender	
Type Of Bid	Two Bid	
Description	TENDER FOR MANUFACTURE, SUPPLY & TRANSPORTAION INCLUDING LOADING & UNLOADING OF 9m/200Kg PRE-STRESSED CEMENT CONCRETE POLES AS PER REC DESIGNS UNDER JURUSDICITION OF HINGOLI CIRCLE OF NANDED ZONE	
Estimated Cost (In Lakhs)	10	
Basis of prices	NA	
Tender Validity	NA	
Delivery Requirement (In Months)	NA	
Tender on rate contract basis	NO	
Tender Fee (In INR)	1000	
GST In INR (@18% on Tender Fee: SAC No.	180	
Total Tender Fee Amount including GST in INR.	1180	
Contact	S J MUNGARE , 7875764412 ,sehingoli@gmail.com	
Pre-Qualifying Req	AS PER TENDER CONDITIONS	
Budget Type	NA	
Scheme Code	null	
Scheme Name		
Department	Works Department	
Office Type	CIRCLE	
Location Type	Hingoli Circle	
Designation	Executive Engineer(Distribution)	
Pre-Bid Meeting Address	HINGOLI	
Bid Opening Address	ONLINE	
Version No	1	
Call for Deviation	NO	
Is Annexure C1 Applicable	NA	
Is Manufacturer Applicable	NO	
Is Trader Applicable	NO	
Minimum % of Offered Quantity	NA	
Is Power Supplier Applicable	NO	
Tender Sale Start Date	06-06-2024 13:50	
Tender Sale End Date	11-06-2024 11:50	
Bid Start Date	06-06-2024 13:55	
Bid End Date	11-06-2024 11:55	
Pre-Bid Meeting Date	10-06-2024 11:00	
Techno-Commercial Bid opening on	11-06-2024 12:00	

Price Bid opening on	11-06-2024 12:55
Annexure C1 Opening Date	NA
Winner Selection Date	11-06-2024 13:00
Can Bidder Opt EMD Exemption	N



MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

**TENDER FOR MANUFACTURE, SUPPLY & TRANSPORTAION INCLUDING
LOADING & UNLOADING OF 9m/200Kg PRE-STRESSED CEMENT
CONCRETE POLES AS PER REC DESIGNS UNDER JURUSDICITION OF
HINGOLI CIRCLE OF NANDED ZONE**

TENDER SPECIFICATION E-TENDER NO.SE/HNGC/TS/T-01/24-25

ESTIMATED COST Rs.10.00/- [RUPEES Ten LAKHS]

(PRE-QUALIFICATION DOCUMENTS)

e-TENDER SUBMITTED BY:-

M/S_____

**Office of the Superintending Engineer
Maharashtra State Electricity Distribution Co. Ltd.
O&M Circle, HINGOLI
“Viduyat Bhavan”, Hingoli
Tq. & Dist.hingoli-431513 (Maharashtra)
Mobile .No.7875764412
E-mail: sehingoli@mahadiscom.in
Website : www.mahadiscom.in**

MAHARASHTRASTATE ELECTRICITY DISTRIBUTION COMPANY LTD.

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TENDER PURCHASE DETAILS

Tender No.	SE/HNG/T-01/24-25
Name of Tender	Tender for manufacture, supply, testing & Transportation including loading & unloading of 9 m/200Kg Pre-stressed Cement Concrete Poles as per REC design required for jurisdiction of Hingoli Circle of Nanded Zone.
Estimated cost of Tender	Rs.10. Lakhs (Excluding. Tax)
EMD	Rs. 10000/-
Tender fees	Rs.1000/- + 18% GST /-
Date & Time of Online Sale of Tender Document	06.06.2024 to 11.06.2024
Date of Pre-Bid meeting	10.06.2024
Date of submission Tender on Website	11.06.2024 upto 11:55 hrs
Date of opening of Technical Bid	11.06.2024 upto 12.00 hrs (if possible)
Date of Submission of original BG/original DD against EMD payment at circle office.	On or before 11.06.2024
Executing Agency	Superintending Engineer, MSEDCL, HINGOLI Circle.
Address	MSEDCL O&M Circle, " Vidyut Bhavan", Jintur Road, HINGOLI Tq. & Dist. HINGOLI - 431513(Maharashtra)
Phone	7875764412 EE Mugare SIR
E- mail	sehingoli@mahadiscom.in
Website	http://etender.mahadiscom.in/eatApp/

MAHARASHTRASTATE ELECTRICITY DISTRIBUTION COMPANY LTD.

e-TENDER NOTICE

e-Tender Specification No: SE/HNG/T-01/24-25

Superscribed e-tenders are invited from established pole factory owners & from reputed manufacturers having experience in Pre-stressed Concrete Poles/Products and having either adequate infrastructure required for pole production or depots for delivery of poles in the state of Maharashtra and those who have separately registered after 01.01.2012 to MSEDCL on MSEDCL website www.mahadiscom.in for manufacturing of PSC pole. The offers are required for supply & transportation of **9m/200kg** Pre-stressed Concrete solid poles as per REC design in jurisdiction of **HINGOLI Circle of Nanded Zone** as shown below.

e-tender No.	Name Of Work	Estimated Amount Rs.	Tender Cost Rs.	EMD Cash/D.D. Rs.
SE/HNG/T-01/24-25	Manufacture, testing, supply & Transportation including loading & unloading of 9m/200kg pre-stressed cement concrete poles as per REC designs under jurisdiction of HINGOLI Circle of Nanded Zone	10.00/- lakh (Excluding GST)	1000/- (excluding GST)	10000/-

The details will be available on MSEDCL website <http://etender.mahadiscom.in/eatApp/> The tender copy can be downloaded on non refundable payment of **cost of tender** per copy by online payment.

**Superintending Engineer
MSEDCL, HINGOLI Circle**

MAHARASHTRASTATE ELECTRICITY DISTRIBUTION COMPANY LTD.

BID NO.I

Pre-qualification tenders for the manufacture, testing, supply & Transportation including loading & un-loading of & 9m/200Kg PSC (Pre-stressed Cement Concrete Poles) as per REC design under jurisdiction of **HINGOLI Circle of Nanded Zone** in Maharashtra State.

Pre-qualifying Documents:-

Scan copies of following documents shall be uploaded.

A) Compulsory

- 1) **Paid EMD** Money receipt (Upload transaction receipt in case of online payment).
- 2) **GST Certificate/PAN Card**
- 3) **Provident Fund registration** certificate
- 4) **Experience:-** Experience of having successfully completed similar works during last 05 years (FY 19-20 ,2020-21 21-22 . 2022-23 & 2023-24) equal to 50% of the tender amount. Work Done Certificate to be enclosed. SR Note copy & respective work order.
- 5) **Annual turn over last three years by CA Certified with UDIN Number.**
- 6) Vendor approval letter.

B) Secondary

- 1) Partnership deed (If applicable)
- 2) I.T. returns & Balance Sheet of last three years i.e. , 2020-21 21-22 & 22-23 all CA certified with UDIN Number.
- 3) Details of Infrastructure– plan of factory, T&P, etc.
- 4) Bio-data questionnaire as given in this tender document – **Mention clearly the site of factory /Depot from where the supply will be made.**

Note:- EMD can be paid online/D.D. in the Office of The Superintending Engineer, MSEDCL, Circle Office, Hingoli on or before 11.06.2024 Hrs. **If the same is not received by this office, concerned tender will be rejected un-conditionally.**

Interested tenders shall please note that e-copy of following documents to be submitted under prequalifying **bid1** duly digitally signed & shall keep ready originals of all above documents & if required by tender scrutiny authority/committee of MSEDCL same shall be immediately provide before them, for verification of documents. If any agency fails to provide original documents on request of MSEDCL, his price bid will not be considered & liable for rejection.

**Superintending Engineer
MSEDCL, HINGOLI Circle**

MAHARASHTRASTATE ELECTRICITY DISTRIBUTION COMPANY LTD.

INSTRUCTIONS TO TENDERERS (BID-I)

1) Tenders for manufacture, supply & Transportation of PSC poles as per REC design of **9m/200Kg.** used as conductor supports for transmission and distribution of LT and HT power lines are called on **item rate basis** from tenderers who pre-qualify for the purpose. The tenderers are required to specify their qualification in the questionnaire and also furnish other pre-requisites called for to enable evaluation of their capacity in the field of manufacture of PSC poles of similar products.

2) The qualifying tenderer shall have an established PSC pole factory or a factory premises with a manufacturing process suitable for conversion to a pre-stressed, pre-cast concrete manufacturing unit, either owned/leased/hired or exclusively under his control and the same shall be situated either in the specific location, for supply of poles as required. The period of lease and hire agreement should be one year more than time of contract period.

All the interested tenderers who have registered on MSEDCL web site <http://etender.mahadiscom.in/eatApp/> shall read carefully all the prequalifying documents requirements & fill up the prequalify bid No.1 online duly digitally signed and completing the requirement of documents as per prescribed proforma.

3) In case of those contractors who are not able to fulfill prequalifying document requirement or those who will not quote the such references or furnish the details of tender fee & EMD etc, such tenders will be rejected and their second bid i.e. price bid will not be considered.

4) Second bid i.e. price bid of only those contractors will be considered, who complete or qualify after first prequalifying bid.

5) All the original documents shall be immediately produced before tender processing committee for necessary verification, failure of which will liable for rejection.

6) Objections if any from other agencies who have submitted their offers, after opening must be submitted in writing only on the day of actual opening of tender through e-process or max. upto next working day. Complaints/objections in any form after wards will not be entertained.

7) Price variation clause & arbitration clause are not applicable in this contract. Right to reject any or all tenders without assigning any reason whatsoever is reserved by the undersigned.

8) MONETARY CONDITIONS GOVERNING SUPPLY.

As already indicated, no financial assistance would be offered to the qualifying tenderer and all funds required for the purchase/lease of the plot and /or establishment of the manufacturing process and the factory shall be required to be arranged by him.

9) All raw materials including consumables required in the manufacturing process, such as cement, H.T.wire, G.I.Wire, annealed wire, anchors and wedges as also steel moulds sand, water, metal, oil etc. shall be required to be purchased and utilized from time to time by the qualifying tenderer. MSEDCL will not issue any material for manufacturing process.

10) ESTABLISHMENT OF FACTORY/DEPOT FOR DELEVERY OF POLES

As already stated, **the tenderer should have either established pole factory or a depot at suitable location in identified districts** as brought out in the Schedule 'C' of the tender and shall obtain all way leaves/permission/license/registration etc. required from the Authorities direct in their name only.

11) FACTORY INSPECTION.

Notwithstanding anything contained herein, the Superintending Engineer(PBNC) reserves the rights to assess the capacity and capability of performance of any tenderer by the information furnished in this tender document or from additional information as could be collected by him, and he can not be called to question at any stage of selection of a party for placement of orders. On the same line, even discontinuation of supplies by cancellation of orders may also be effected.

A) For bidder having existing pole factory.

i) Capacity of the factory for supplying shall be min.1000 poles/p.m. as mentioned the size/details of poles as per tender specification.

ii) Location of Factory.-

The poles are to be supplied & transported at all locations within Geographical area of HINGOLI District. The Factory/Depot should be located at a suitable location in or near the above districts.

iii) The factory should be equipped with all required pole casting bed/mixers/tension Machine, curing ponds, gantries, for loading and unloading of poles, pole testing equipments, stacking yards, cement go-downs having adequate storage capacity, repairing workshop, broken pole dumping yard and cube testing machine and any other infrastructure required for smooth and quality production of poles.

B) The Tenderer should manufacture, supply, Loading, Transportation & unloading of PSC Poles at anywhere in HINGOLI District under Hingoli Circle.

12) The rights for reject any or all tenders without assigning any reason thereof, is reserved with the MSEDCL company.

SIGNATURE OF TENDERER

**Superintending Engineer
MSEDCL, Circle HINGOLI**

BIO-DATA QUESTIONNAIRE

(to be uploaded duly filled in along with qualifying documents)

Tenderer shall fill in the following questionnaire and certify as mentioned herein. Tenderer shall also attach additional sheets if the column space available is insufficient, along with schedule called for in true copies duly certified.

1. Name of the firm :
2. Registered Address :
3. Local Address:
4. **Whether factory for manufacture of :
PSC poles or any other cement product
Is existing/OR depot in the required area.**
 - a) If yes, the installed production capacity :
 - b) MSEDCL may require the poles immediately/
Within **2 months** from the date of LOI the entire
quantity Whether the tenderer is able to
Comply the requirement.
5. Details as to the location map, factory layout:
giving indications of space and facilities available
such as number of beds, curing ponds, tools and
plants, machinery such as mixers, cube
testing machine, pre-stressing machine,
pole testing, stacks yard etc. also be submitted.
6. Whether the Tenderer agree to the commercial :
terms and conditions of MSEDCL, as
stipulated the tender.
7. **Location from where the Supply will be made.**
8. Minimum and maximum number of poles:
Can be supplied by the tenderer annually and
also the average and minimum per month.
9. Names of Directors / Partners (if partnership :
firm, attach partnership deed)
10. Names of technically qualified persons who :
would head the existing/proposed Pole
Factory.
11. His qualification & experience in this field.:
12. Skilled/ Unskilled persons working in :
existing unit.

13. Registration Details

- a) (Under Factory Act/Workman :
Compensation Act./Engagement of
Labour Act/ Godown Workers Act,
S.S.I./M.S.I./P.F.Act/ Works Contract Act.)
- b) S.S.I. Registration**
- i) whether you are registered as a small
scale industry to manufacture the pre
stressed Concrete Poles/products.
- ii) Please quote the authority with whom you:
are registered & quote your registration No.
and Date.
- iii) **Please quote the date upto which your :
Registration is valid/** (enclose Photo state
Xerox copies of your valid S.S.I. Registration
Certificate. Please note that if copy of valid
S.S.I. Registration is not Received, you shall
not be entitled for concessions applicable
to S.S.I. units)
- c) GST Registration:-**
- i) Please state the details of concession :
available for S.S.I. units in regard to GST.
- ii) Considering the present tax structure and
concession benefit available to your units,
give details of GST payable by the board
for the annual minimum contemplated
supply of poles as per clause 20 below In BID no.-II
- iii) Please indicate whether exemption is :
granted to your units and details thereof

14 A) SICOM/ REGIONAL DEVELOPMENT AUTHORITY ELIGIBILITY

Whether you hold valid eligibility Certificate :
Of SICOM/Regional Development Authority
under Package scheme of graded incentives.
If so enclose copy of eligibility Certificate.

15. Tax Assessment details/ Registration/:
Exemption

16. Bankers

17. Solvency Certificate (including certificate :
from Bankers certifying financial soundness)

1) I hereby certify that the information given above is true to the best of my knowledge and belief.

2) The true copies of the licenses /returns mentioned above are enclosed.

SIGNATURE OF TENDERER

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

TENDER FOR MANUFACTURE, SUPPLY TESTING & TRANSPORTATION INCULDING LOADING & UNLOADING OF 9M/200Kg PRE-STRESSEDCEMENT CONCRETE POLES IN JURISDICTION OF *HINGOLI Circle under Nanded Zone.*

I N D E X (BID NO.II)

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MAHARASHTRASTATE ELECTRICITY DISTRIBUTION CO. LTD.**INSTRUCTIONS TO TENDERERS (BID-II)**

1. MSEDCL intends to tie-up with suitable agencies who can supply & Transportation of pre-stressed cement concrete poles of size 110mm x 110mm & 9m/200kg to meet the pole requirement in jurisdiction of **HINGOLI Circle of Nanded Zone** either from the existing established pole factory or from depot, as brought out in the notice inviting e-Tender. The supply & Transportation of poles shall be made either ex-factory or ex-depot existing at suitable location in the identified districts.
2. e-Tender is invited from established pole factory owners and experienced manufacturers in pre-stressed cement concrete poles/products having adequate infrastructure.
3. The tenderers are required to manufacture, supply & Transportation of 9m/200kg pre-stressed cement concrete poles as mentioned in the schedule B as per prescribed REC design and technical specification and drawings attached with the tender, over a period of one year.
4. The delivery of major quantity of pole shall commence immediately from the receipt of the LETTER OF AWARD and if ready stock not available with agency then balance quantity (balance quantity after supply of major quantity immediately after receipt of LOA) of poles as ordered shall be completed within **02 month** thereafter including curing, testing etc. of the last lot of production. No extension of the delivery period shall be considered. In the event of short delivery, if any, within the stipulated time, the contract shall be treated as closed on the original due date of completion. In case the entire supply & Transportation is completed before the Scheduled date, this date shall be considered as the date of completion and the contract will be closed.
5. Exemptions given to SSI Units for remittance of EMD in respect of purchase of Tenders are not applicable to this supply contract.
6. The Tenderers shall quote their rates for supply & Transportation of poles Ex-Their existing factory/depot required for each districts, in schedule 'B'.
7. The successful tenderer will have to pay **Security Deposit amounting to 10%** of Tendered value in the form of **BG/DD of any Nationalized/scheduled bank** within 10 days of the receipt of LETTER OF INTENT, failing which no order will be issued. Failure to furnish the prescribed Security Deposit shall entitle cancellation of LETTER OF INTENT and forfeiture of earnest money.
8. Tenderer shall upload the tender with the specification and schedule of quantities and rates, drawings and other schedules duly digitally signed. Any tender not bearing the signatures of the tenderer on all the documents accompanying the tender, is liable to be rejected.
9. Tenders which do not fulfill all or any of the above conditions or which are incomplete in any respect are liable for summary rejection.
10. Before uploading the tender offer by e-process, which shall be before the finished pole, the tenderer shall examine closely and in detail the specifications, terms and conditions, delivery schedule etc. and carefully study the drawings and all documents which form part of the contract to be entered into by the successful tenderer.
11. Uploading of a tender by the tenderer implies that he has read the Instructions and conditions of contract etc. and has made himself aware of the scope and specifications, local conditions and other factors having bearing on the execution of contract or supply. MSEDCL will not, however, after ac-

ceptance of contract rate, pay any extra charges For any other reasons, incase, the tenderer is found, later on, to have mis-judged himself.

12. The tenderer shall arrange for transport of all materials and include all such cost in the rates quoted by him for the supply & Transportation of finished poles. The tenderer shall make his own arrangements for the supply of wagons, required by him, for the transport of his materials.

13. A schedule of quantities is included in the tender documents. It shall be clearly and definitely understood that the MSEDCL does not accept any responsibility for the correctness or the completeness of this schedule, which is liable to alteration by omission, deduction or addition at any stage at the discretion of Superintending Engineer, Circle Office HINGOLI as set for thin the conditions of the contract.

14. The tenderer shall furnish along with the tender, information regarding the manufacture of pre-stressed concrete poles carried out by him in any other department and submit copies of certificates in the proof thereof.

15. Rates shall be quoted for the supply& Transportation including Loading & Unloading at F.O.R destination of poles as required for the district in Schedule B. **The rates shall be written in both figures and words.** The tender documents shall be written legibly and shall be free from erasers, over-writing or correction of figures. Correction where unavoidable shall be made by crossing out, initialing dating and rewriting.

16 The Maharashtra State Electricity Distribution Co. Ltd.or its Officer who accept the tender shall have the right for rejecting all or any of the tenders and will not be bound to accept the lowest tender or to assign any reason, whatsoever for the rejection of any tenders or all tenders. The authority accepting this tender will reserve the right to decide placing of order for such quantity considering the production capacity and other related performance. The tenderer on his part binds himself to supply any quantity so decided by the MSEDCL from his offer in part or whole, at the option of the MSEDCL.

17 The tenders shall remain open for acceptance subject to provision of Clause No.17 above, for a period of 4(four) months from the date of opening in accordance with the ClauseNo.17or any other extended date for their receipt and during this period no tenderer shall be allowed to withdraw his tender. Any such withdrawal during the said period shall entail forfeiture of earnest money deposit.

18 The tender shall be accompanied by solvency certificate (in original) to the extent Of 20%of amount of tender cost issued by any Nationalised/Scheduled Bank in favour of the tenderer to be obtained from one Bank only without which tender will not be considered.

19 All royalties are required to be paid By the tenderers as also tolls, local taxes, license fees, etc. if any and the same shall be deemed to have been included in the tendered rates. **However GST shall be reimbursed by the MSEDCL, if applicable which will be restricted to finished poles only, provided mentioned specifically in schedule B.** The benefit of GST shall be availed by the contractor and passed on to the MSEDCL if beneficial to the department by adjustment in the GST. All registers, Record and accounts in the prescribed proforma pertaining to statutory payment shall be maintained up to date by the contractor. The statutory requirements of GST Department such as auditing/costing by Chartered Accountant etc. shall be complied with by the contractor. All the statutory licenses as per Act of Central/State Government/Local Bodies are required to be obtained by the contractors in their name without any liability to the MSEDCL. The tenderers shall indicate in their offer their GST registration no. and also whether they are exempted from payment of GST or opting for. The contractor shall available benefits/incentives for the payment of statutory taxes being made available to their units by the Central/State Government from time to time and pass on the same to the MSEDCL.

20 These instructions to the tenderers shall also form part of the contract.

21 Tenders having conditions, which are at variance with the MSEDCL's standard terms and conditions, shall be summarily rejected.

22 MSEDCL is not responsible for any damage/accident in loading, Unloading & Transportation of PSC Poles to HINGOLI Circles under Nanded Zone.

NOTES:

Special attention is invited to the requirement that all corrections must be initialed and dated by the tenderer and that all the pages shall required the digital signature of the tenderer at the foot of each page.

Dated:-

**Superintending Engineer
MSEDCL, HINGOLI Circle**

MAHARASHTRASTATEELECTRICTY DISTRIBUTIONCO.LTD.

SPECIAL CONDITIONSOFTHE CONTRACT

1. Scope of Contract.

The tenderers are required to manufacture, supply, loading, Unloading & Transportation of 9M/140 kg Pre-stressed Cement concrete poles as per prescribed REC design, technical specifications and drawings attached with the tender, over a period of Two months to HINGOLI Circle, under Nanded Zone

2. Time Limit:- Two Months from the date of issue of order.

3. Security Deposit.

The successful tenderer will have to pay security deposit amounting to **10% of** tendered value in the form of **BG/DD of any Nationalized or Scheduled Bank** towards the performance of the contract. **The Security Deposits payable in the office of the Superintending Engineer, MSEDCL, Circle Office, HINGOLI.** Non- remittance of the same shall entail for feature of the earnest money deposit in full. In the event of the failure to execute the order/non fulfillment of the terms and conditions of contracts, security deposit shall be liable to be forfeited or apportioned towards amount due or becoming due from the contractor. **If BG, it shall be submitted in the name of Superintending Engineer to Circle Office, HINGOLI.**

4. Departmental Supply of Materials.

No departmental supply of material will be made to the contractor under this tender and they will have to arrange for procurement of the same.

5. Tax /Royalties etc.

a) Raw materials: All levies such as GST, Octroi, Royalty or any other duty payable for the materials required for the manufacture of the poles shall be borne by the contractor. The element of tax shall be deemed to have been covered in the rate quoted by the tenderer and any concessions/set off available should be considered while quoting threats. All amounts due on this account shall be paid to the appropriate authorities directly by the contractor. In case the above levies are not paid by the contractor, the same shall be Recoverable, in case of demand from the concerned authorities. The contractor shall not be entitled for any refund on this account in such cases.

b) Finished Poles: The statutory levies such as GST shall be paid by the MSEDCL, if applicable, on finished poles at the scheduled rate, **provided mentioned specifically in schedule B.**

6. Schedule of Manufacture/Delivery of Poles and Penalty The contractor shall maintain the average production of poles as per requirement and in no case the production and delivery of poles shall be less than minimum stipulated in the schedule. In case the contractor fails to maintain the minimum level of production and delivery, penalty shall be levied upto ½% (half) percent of the value of the undelivered portion of supply per week or part thereof subject to a maximum of 10% of the contract value, save for the loss of production on account of the following reasons:

a) Non-requirement of poles by the MSEDCL resulting in accumulation of more than 300 poles at a time and closure of production thereof.

b) Heavy rain fall in the area, which has paralyzed the production schedule (to be supported with documents).

c) Force majeure, viz. natural calamities.

d) General strike of essential services such as transport, railway and traders.

e) Shortage of water supply in the vicinity of contractor's factory due to acute drought conditions (to be supported by certificates from the Revenue authority).

7. Specification of Poles.

The manufacture, supply & Transportation of poles shall be carried out in accordance with the REC design, specification and drawings appended with this tender and also as per instructions given at site by the MSEDCL's Engineer. The poles which do not stand the prescribed test as detailed under technical specifications appended herewith shall be rejected.

8. Liquidated Damages.

In the event of the failure of the contractor to execute the contract partly or wholly by the contractor, the MSEDCL may make the purchase elsewhere after giving due notice to the contractor to this effect and at his risk and cost such quantity not so delivered, without canceling the contract or to cancel the contract reserving the right to recover the damages in accordance with the provisions of Indian Contract Act.

9. Terms of Payment.

100% payment will be made by concerned Circle, on the poles actually lifted from the factory duly tested on production of material requisition, gate pass and test certificate issued by the MSEDCL's authorized officer.

10. Loading, Unloading & Transportation of Poles.

The contractor shall have due facilities available with him at all times such as Truck, gantry, chain pulley blocks etc. for loading, Unloading & Transportation of poles at any where in HINGOLI Circles under Nanded Zone.

11. Disputes.

If at any time any question, dispute or difference arise, between the Engineer-in-charge and the contractor, either party may forthwith give to the other one months notice in writing of the existence of such question dispute or difference and the same shall be referred to the Executive Director, Corporate Office, Mumbai. The decision of the Executive Director, Corporate Office, Mumbai about the issue shall be final, conclusive and binding on the contractor.

12. Jurisdiction

Any disputes or differences arising under out of/in connection with this contract/tender shall be subject to the exclusive jurisdiction of courts in Hingoli

Superintending Engineer
MSEDCL, HINGOLI Circle

Digital - Signature, Name and Address
of the Tenderer.

Dated:

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

TEHCHNICAL SPECIFICATIONS:-

1.0 The work covered under this contract being of specialized nature, the tenderer is expected to visit the site of factory and acquaint him with the infrastructure available. The tenderer may also visit one of the MSEDCL's Pole Factory so as to have a clear understanding of the problems connected with the smooth running of the factory and also to study carefully REC design/drawing specifications etc.

2.0 The tender for the poles shall be in accordance with the specifications and the drawing enclosed with the tender. Alternative design/specifications shall not be considered which may be noted.

3.0 The Contractor shall furnish the manufacturer's test certificate in respect of H.T.wire, and cement purchased by him and the same shall conform to the relevant Indian Standard Specification. It is expected that the contractor shall use the lot of H.T.wire and cement only after satisfying himself as to its quality regarding U.T.S., proof stress and compressive strength setting time etc. for the H.T. wire and cement respectively. Insertion of 8SWG G.I. wire is to be made in such a way that it does not touch H.T. wire, anywhere during concreting and about 100mm projections are left-out from the face of the pole as directed.

The contractor shall also arrange for the necessary test on the materials like metal, sand, water etc. and shall see that the materials to be used in the manufacture conform to ISI Standards.

The sand shall be washed before use by installing a sand washing machine in the factory and the same shall not contain silt and deleterious material. Since the design of concrete mix takes almost a month or more the contractor is expected to send the samples of the material to nearby Engineering College/Polytechnic/Test House etc. well in advance so that by the time the construction of the factory is over the production of poles could be started without loss of time.

It will be the responsibility of the Contractor to make available all the test reports for inspection by the MSEDCL's representative. The expenditure on this account is deemed to have been included in the rate quoted by the Contractor.

4.0 All inspection shall be carried out with the responsibility of the contractor regardless of whether or not the MSEDCL's inspectors or agents are appointed or present during the test. In case any representatives of the MSEDCL are deputed they shall have free access to the contractor's works at any time during working hours for the purpose of inspection of manufacture and test on poles and materials.

5.0 The workmanship shall be of a high order and poles having flaws and defects would be rejected.

6.0 The poles shall be delivered in regular installments the first delivery commencing immediately but not later than one month from the date of order and to complete the delivery of the full quantity at the minimum monthly rate as shown in Schedule "C".

7.0 The poles shall generally conform to I.S. standards and specifications Recommended by REC and as per details given separately.

8.0 It is likely that during monsoon the MSEDCL may not require the poles from the factory. Hence, the manufacturer is expected to have an open air store yard having capacity of 500 poles.

9.0 8.0m/140kg.PSCpolesaretobemanufacturedasperRECstandards. A drawing showing therein for cement details is enclosed with the Tender for guidance. The Contractor has to make provision for holes while manufacturing the poles as per REC specifications and drawing and no extra claim for making holes shall be entertained- (inclusive of lifting holes & holes as per construction standards A-5 & or B-6with rein for cement if required).

10.0 Sampling Inspection and Testing.

10.1 Lot-In any Batch, all poles of the same class and same dimensions shall be grouped together to constitute a lot.

10.2 Sub Lot-If the number of poles in a lot exceeds 200, the lot shall be divided into a suitable number of sub-lots such as the number in any sub-lot shall not exceed 200. The acceptance or otherwise of sub-lot shall be determined on the basis of the performance of sample selected from it.

11.0 The number of poles to be selected from a lot or sub lot shall depend upon its size and shall be in accordance with Col. 1 & 2 of the table given below.

12.0

TABLE- 1

Sample size and criterion for conformity

Size of lot or sub-lot	<u>Dimensional requirements</u>		
	Sample size	Permissible No. of + Defective samples	No. of poles for transverse strength test ultimate
Upto100	10	1	1
101to 200	15	1	1

12.1 These poles shall be selected at random. In order to ensure and omens, all the poles in a lot or sub-lot be arranged in as aerial order and starting from any random pole, every “rth” pole may be included in a sample, being the integral part of N/n where N is the size the lot or sub-lot and n is the sample size.

12.2 All the poles selected above shall be tested for over all length, cross-section and uprightness examine whether they are within the permitted tolerances.

12.3 **Tolerances** Length+/-15mm
Cross Sectional Dimensions +/- 3mm
Uprightness 0.5%

The number of poles to be tested for transverse strength shall be in accordance with Column4 of TableNo.1. These poles may be selected from those already tested as indicated above.

12.4 CRITERIA OF CONFORMITY

A lot or sub-lot shall be considered as conforming to the specification if the conditions given below are satisfied.

- The number of poles which do not satisfy the requirement of overall length, cross section and uprightness shall not exceed the corresponding number of defective samples given in the above table. If the number of such poles exceed the corresponding number, all poles in the lot or sub-lot shall be tested for these requirements and those not satisfying the test shall be rejected.
- All the poles tested for transverse strength test shall satisfy the requirement of test as below:
- No hair cracks shall appear up to the application of the workingloadi.e.140kg
- The pole should not fail at a load less than the design ultimate load i.e.350 kg and all the cracks produced during testing should disappear on removal of load.

- The pole which satisfies all the above conditions is deemed to have passed the test and hence acceptable. The poles subjected to test and found to have passed shall be issued for work. If one or

more poles fail, twice the number of poles originally tested shall be selected from those already selected and subjected to the test. If there is no failure among these poles, the lot or sub-lot shall be considered to have satisfied the requirement soft his test. If one or more poles of the second sample fail, the lot or sub-lot represented by the corresponding sample shall be considered not to have passed the test.

- No pole is required to be tested till failure but the poles are to be tested only up to the design ultimate load. i.e. 350kg. The poles tested upto designed ultimate load shall have Recovery of deflection more than 85% within 24hours.

12.5 Transverse Strength Test. 12.2.1General.

The poles shall be tested in the horizontal position. Provision shall be made by suitable support to compensate for the over hanging weight of the pole. For this purpose the over hanging portion of the pole may be supported on a movable trolley or similar device. The frictional resistance of the supporting devices should be separately determined and deducted from the total final load applied on the pole(read Sub Clause 12.2.4below).

12.6 Loading.

The load shall be applied at appoint 600mm from the top of the pole by means of a suitable device such a wire rope and a winch placed in a direction normal to the direction of length of the pole, so that the minimum length of the straight rope under pull (excluding the curved portion near the transmitting device)is not less than the length of the pole. If the loading device is set sufficiently far away from the pole to make the angle between the initial and the final position of the pulling line small, the error in assuming that the pull is always perpendicular to the original direction of the pole axis, will be negligible. The pulling line shall be kept in level between the winch position and the point where the load is applied to the pole.

12.7 Pulling Line.

The pulling line shall be secured around the load point. Load measuring device shall be placed in away so as to accurately measure the tension in the pulling line, the Other end of which is attached to the loading equipment(winch).

12.8 Load Measurement.

Dynamometer or any other satisfactory method of load measurement may be adopted. The Dynamometer or other load measuring device shall be calibrated at regular intervals. The load measuring device shall be supported in such away that the force required to pull it shall not add materially to the measured load on the pole and that no damage is caused to the instrument if the pole suddenly breaks under test. The frictional resistance of the supporting devices and the rope line pulleys shall be separately determined and necessary corrections applied to the readings of the dynamometer or other load measuring device.

12.9 Procedure.

Load shall be applied at 600mm from the top of the poles at right angles to the axis of the pole and shall be steadily and gradually increased to design value of the working load. The deflection at this point shall be measured. No crack shall appear till this load. The load shall then be reduced to zero and increased gradually to a load equal to the first crack load plus10 percent of them in. ultimate transverse load and held for two minutes. This procedure shall be repeated until the load reaches the value of 60%andfurther80%oftheultimatetransverseload.Thedeflectionatthisload point shall be measured. The load shall be brought to zero and thereafter increased by intervals of 5% of the ultimate transverse load.

12.9.1 Each time the load is applied, it shall be held for 2 minutes. The testing of pole shall be done till the ultimate design load.

12.9.2 One out of 200 poles shall be tested upto design ultimate load, as per the above procedure. The Recovery of deflection at design ultimate load shall be more than 85% within 24hours.

12.9.3 Planting Depth.

It shall be 1.5 mts. From the bottom of the pole.

12.10 Recording of Load and Measurement.

12.10.1 Any hair cracks appearing at a stage prior to the application of 60% of the min. ultimate transverse load shall be recorded. It should also be Recorded whether the hair cracks if any, produced on application of the 60% of the min. ultimate transverse load close upon the removal or reduction of the test load.

12.10.2 Measurement of Cover.

After completion of transverse strength test, the sample pole shall be taken and checked for cover. The cover shall be measured to the nearest millimeter at 3 points, one within 1.8 m of the but tend of the pole, these cond within 0.6 m from the top and the third at any intermediate point.

12.11 Marking.

The pole shall be clearly and indelibly marked with following particulars either during oraftermanufacturebutbeforetestingatapositionsoastobeeasilyreadafter Erection in position.

- a) Month and year of Manufacture.
- b) Class of Pole (& 9m/200Kg)
- c) Manufacturer's serial no. or mark.
- d) Planting Depth at1.5mt.Fromthe bottom.

12.12 The direction in which the pole is to be placed at site shall be suitably marked.

12.13 General

The testing of poles shall be done in the presence of MSEDCL's representative. The date of test shall be notified by the supplier in advance, so as to enable the MSEDCL's Officer to associate with the test. The poles which are rejected shall be kept in a separate lot duly marked to ensure that the same do not get mixed with the good poles. Breakages due to any reasons within the factory premises shall be to the supplier's account.

Superintending Engineer
MSEDCL, HINGOLI Circle

Digital - Signature, Name and Address
of the Tenderer.

Dated:

TEST REPORT OF POLES

Lot No. Pole No.	Test No.	Date Date of Casting	Size : 9M/140 Kg.
Pole manufactured with 8Nos. Of H.T. Wire having U.T.S. 175kg/sqmmand0.1% proof stress not less than200 kg/mm ²		Cement concrete cube test 1) At 3 rd day=Kg/cm ² 2) At 28 th day=Kg/Cm ²	
Loading Kg. (140Kg/W/L)	Deflection in Cms.	Permanent deflection inset Cms.	Remarks
0			Each time the load is Applied it shall be held for 2 minutes.
35			
70			
105			
200			Working load.
0			
175			
0			
210			
0			
245			
0			
280			
0			
298			
315			
332			

350

Design Ultimate load.

0

Gradual Reduction to

Name and signature of Officer Present.

1)

2)

3)

- a) Certified that the test carried-out in my presence on-----and according to the specification and procedure of the test prescribed for PSC Poles.
- b) CertifiedthattheRecoveryofdeflectionatultimateloadismorethan85%within24 hours.
- c) Certified that the Test Report is found to be satisfactory/Unsatisfactory.

TEST REPORT OF POLES

Lot No. Pole No.	Test No.	Date Date of Casting	Size : 9m/200 Kg.
Pole manufactured with 8Nos. Of H.T. Wire having U.T.S. 175kg/sqmmand0.1% proof stress not less than200 kg/mm ²		Cement concrete cube test 1) At 3 rd day=Kg/cm ² 2) At 28 th day=Kg/Cm ²	
Loading Kg. (200Kg/W/L)	Deflection in Cms.	Permanent deflection inset Cms.	Remarks
0			Each time the load is Applied it shall be held for 2 minutes.
50			
100			
150			
200*			
0			Working load.
250			
0			
300			
0			
350			
0			
400			
0			
425			
450			
475			
500			

Name and signature of Officer Present.

1) _____

2) _____

3) _____

- a) Certified that the test carried-out in my presence on-----and according to the specification and procedure of the test prescribed for PSC Poles.
- b) CertifiedthattheRecoveryofdeflectionatultimateloadismorethan85%within24 hours.
- c) Certified that the Test Report is found to be satisfactory/Unsatisfactory.

DESIGN DATA

PARTICULARS OF 8.0m/140 Kg. PRESTRESSED CEMENT CONCRETE

POLES AS PER RECDISEGN.

Details	Poles
1. Working load	140kgactingat0.6m from
2. Factor of Safety	2.5
3. Ultimate Load	350
4. First crack load(permissible) 250kg	Not less than175kg
5. Strength of4mmH.T.Wire	a) U.T.S.175Kg./sqmm b) Proof Stress 1% ofU.T.S.
6. Strength of concrete at 28 days	420 Kg/sqmm.
7. Minimum strength of Concrete on Release.	210 Kg/sqmm.
8. Planting depth.	Not to exceed 1.5mts.

DESIGN DATA

PARTICULARS OF 9.0m/200 Kg. PRESTRESSED CEMENT CONCRETE

POLES AS PER RECDSIGN.

Details	9m/200kg Poles
1. Working load	200kg acting at 0.6m from
2. Factor of Safety	2.5
3. Ultimate Load	500 Kg
4. First crack load(permissible) 250kg	Not less than 250 kg
5. Strength of 4mm H.T. Wire	c) U.T.S. 175 Kg./sqmm d) Proof Stress 1% of U.T.S. stress not less than 200 kg/mm ²
6. Strength of concrete at 28 days	420 Kg/sqmm.
7. Minimum strength of Concrete on Release.	210 Kg/sqmm.
8. Planting depth.	Not to exceed 1.5mts.

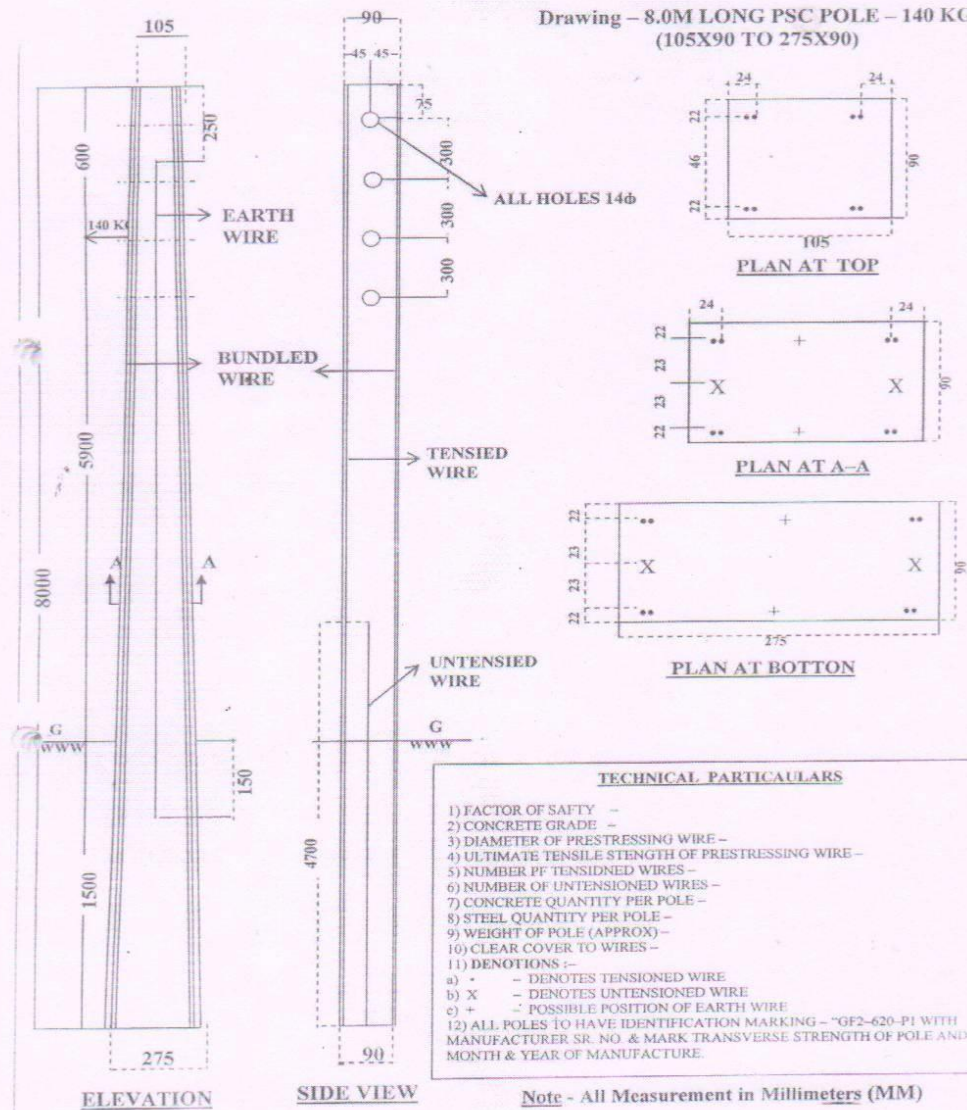
MAHARASTHRA STATE ELECTRICITY DISTRIBUTION CO. LTD

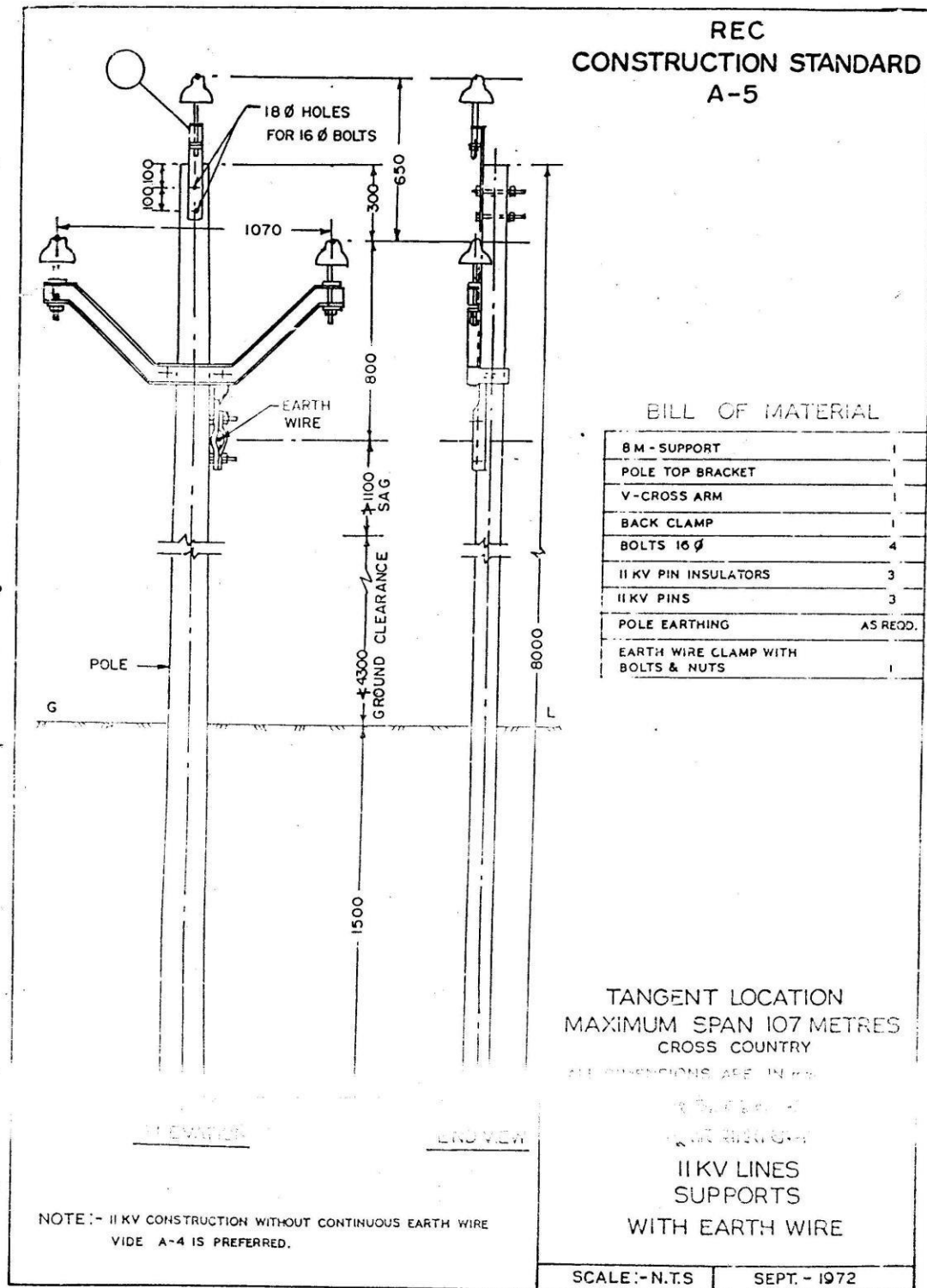
GENERAL GUIDELINE FOR CONSUMPTION OF MATERIALS

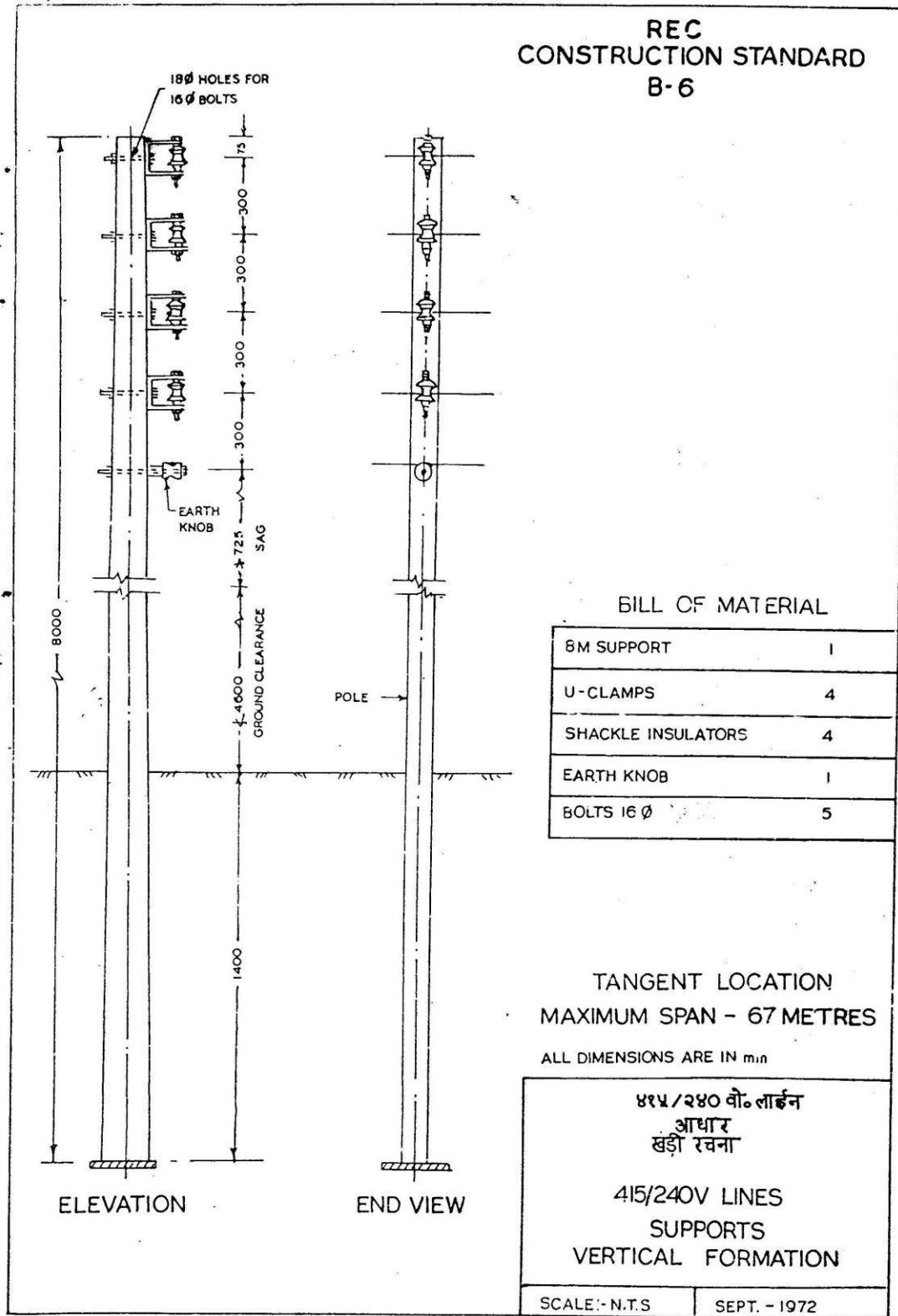
Sr.No.	Description	8.0m/140kg. Quantity	9m/200Kg.
1.	O.P. Cement (53 grade) Conforming to I.S.12269/ 1987	1.53 Bags	2.0 Bags
2.	4mmH.T.Wire	7.38 Kg	11.54 Kg
3.	8SWG GI Wire	0.70 kg	0.70 Kg
5.	Concrete Quantity per pole	0.137 Cum	0.203 Cum

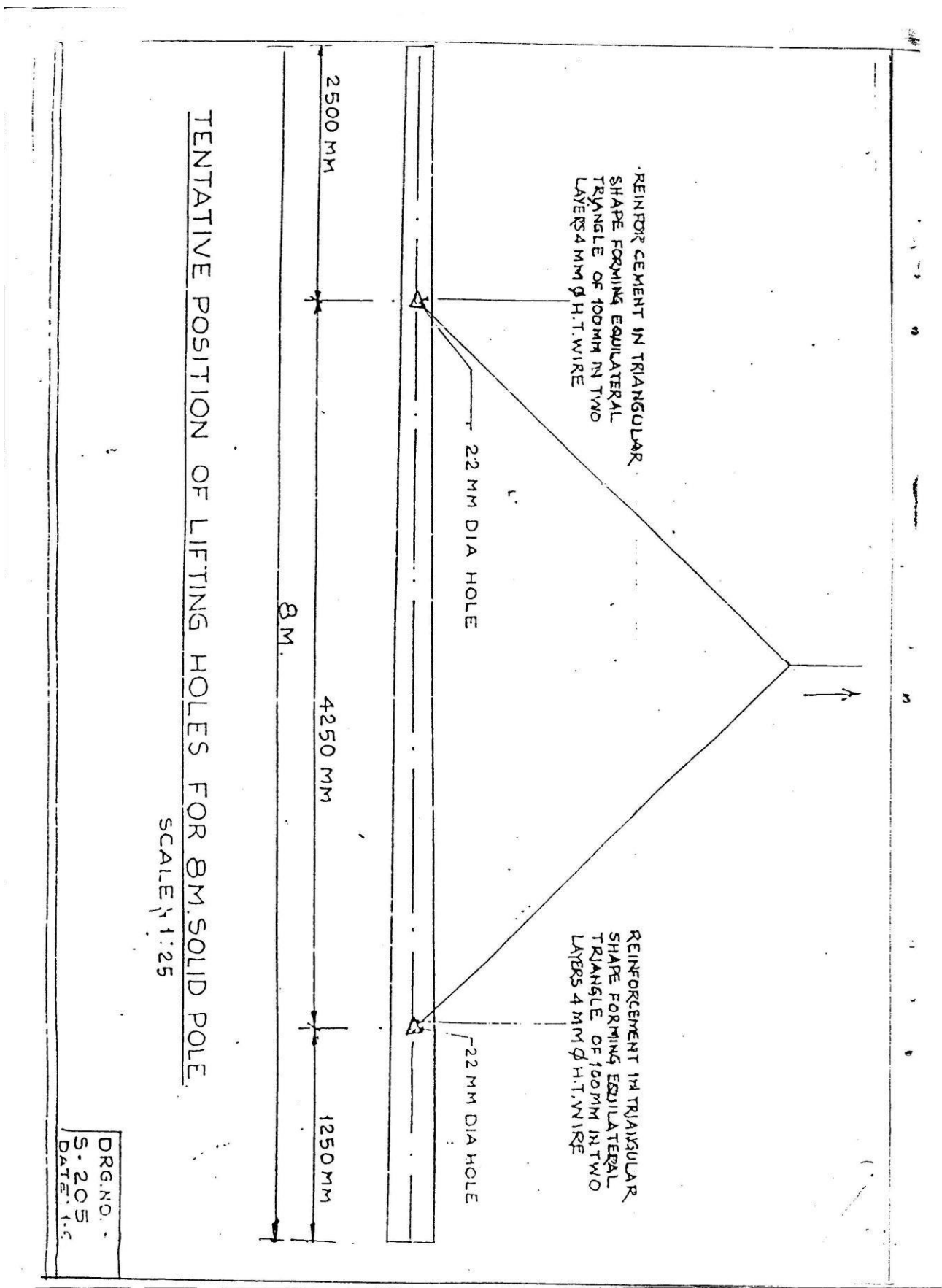
Note: The quantity shown above is inclusive of wastage @ 5% on cement, 2% on H.T. Wire and 5% on G.I.Wire over the theoretical quantity required per pole.

CE/LZL/TS/T-15/2016-17

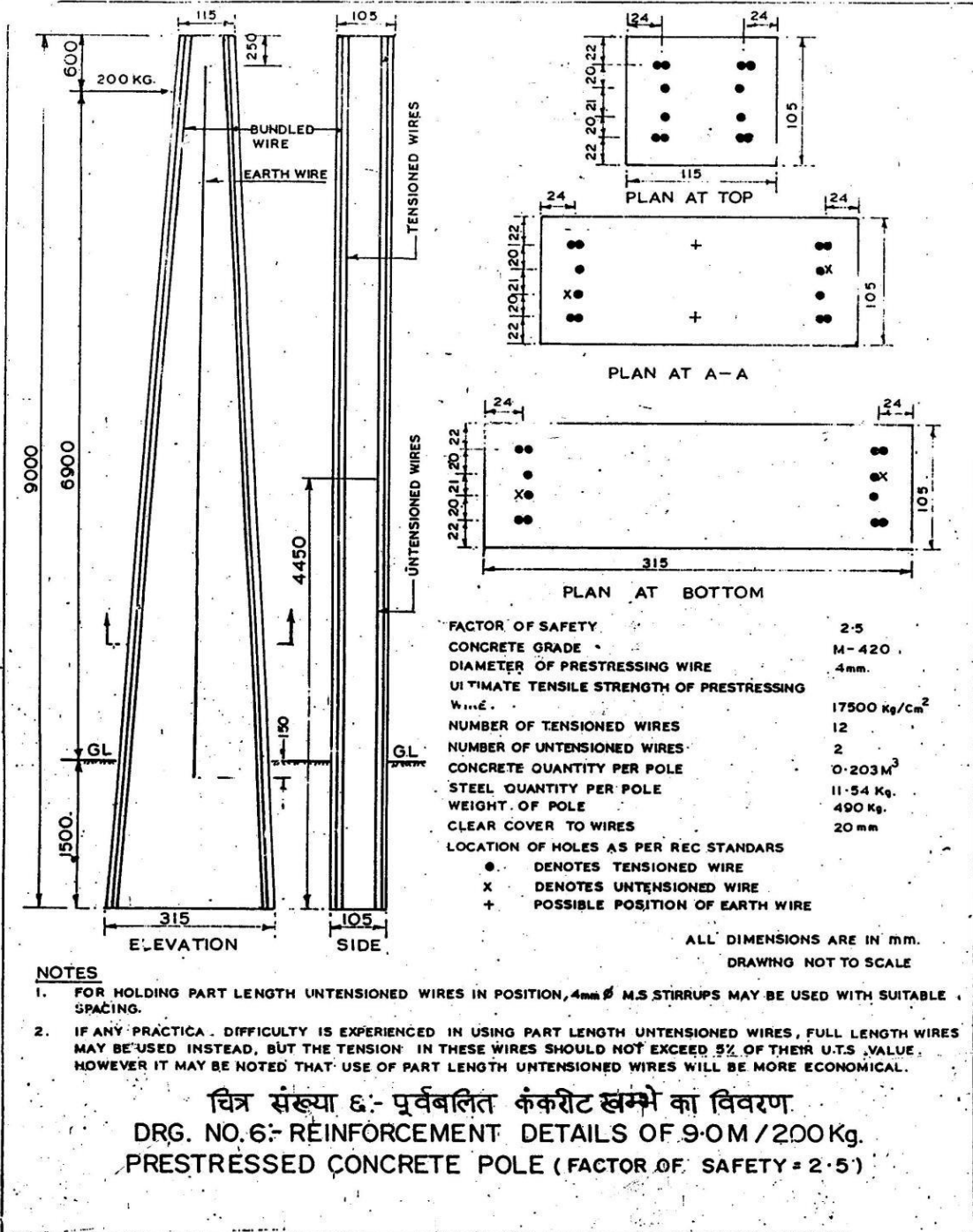








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FORM OF BANKER'S UNDER TAKING FOR SECURITY DEPOSIT

The Bank of hereby agree unequivocally and unconditionally to pay, at HINGOLI within 48 hours on demand in writing from the Maharashtra State Electricity Distribution Co. Ltd. or any officer authorized by it in this behalf, of any amount upto and not exceeding Rs. _____ (in words _____) to the Maharashtra State Electricity Distribution Co. Ltd. On behalf of M/s. _____ who have quoted/contracted for (date _____ of work/supply) _____ with the Maharashtra State Electricity Distribution Co. Ltd.

This agreement shall be valid and binding on this Bank up to and including and shall not be terminable by notice or any change in the constitution of the Bank or the firm of contractors or by any other reason what so ever and out liability hereunder shall not be impaired or discharged by any extension of time or variations or alterations made, given conceded or agreed with _____ or without our knowledge or consent, by or between parties to the said, within written contract. The validity of this Bank Guarantee will be extended by us for the further period of six months, one month prior to its present validity period at the request of MSEDCL.

In case of any dispute arising out of or in connection with the extension or encashment of Bank Guarantee, the courts in HINGOLI will have jurisdiction.

Our liability under this Guarantee is restricted to Rs. _____ (Rupees _____ only). Our Guarantee shall remain in force until -----days/up to the date and unless a suit or action to enforce a claim under the Guarantee is filled against us within six months from that date, all your rights under the said Guarantee shall be forfeited and we shall be relieved and discharged from all liability there under.

Signed _____

Please note that:

1. The value of stamp paper for this Bank Guarantee is Rs.200/-.
2. The Bank Guarantee should be furnished from any Nationalized/Schedule Bank on HINGOLI BRANCH.
3. Please state the full and complete postal address of the Bank Under taking the Guarantee.

MAHARASHTRASTATE ELECTRICITY DISTRIBUTION CO. LTD.**SCHEDULE-B (PRICE BID)****(To be uploaded in BID-II)****Description of supply Item:**

Manufacture, Testing, Supply, Transportation including Loading & Un-loading of **9m/200Kg** Prestressed Cement Concrete Solid Poles (PSC) as per REC design, specification and drawings anywhere in jurisdiction of **HINGOLI Circle under Nanded Zone** by established existing factory/depot.

Tender No. SE/HNGC/T-01/2024-25

Sr No	Type of Pole	No. of Poles	Proposed district for supply of poles under	MSEDCL Schedule Rate for 9 Mtr/200 KG PSC pole	Rate to be quoted by the agency in Rs. (per pole) in figures and words (Excluding GST)	Transportation Charges in Rs. (per Pole) in figures & words (Excluding GST)
1	2		3	4	5	6
2	9m/200Kg	369	Hingoli	Rs.2712/-pole		

Note:- The Rates should be quoted by considering following conditions:-

- 1] The bidder who will be lowest by adding rates quoted in the column No.5 & 6 for 9m separately & 9m separately, the separate order will be given to the lowest bidder only.
- 2] The rate quoted by us in Column No.5 above is for manufacture, testing, supply of **9m/200Kg** pres stressed cement concreting pole.
- 3] The transportation rates quoted by us in Column No.6 is including loading of poles from factory/depot and un-loading of poles at site, anywhere in jurisdiction of Hingoli Circle
- 4] Separate sheets showing the rate analysis and basic prices adopted for cement, 4mm H.T.Wire and 8SWG GI Wire in support of the rates quoted are furnished. The element of tax is separately indicated in the basic price of raw materials.
- 5] We are availing of the facilities/concessions extended by the GST Authority, the details of which are given in the questionnaire enclosed.
- 6] As on date the statutory levies (GST) will be payable by the MSEDCL
- 7] We agree to commence the delivery of poles anywhere in HINGOLI Circle jurisdiction under Nanded Zone from the date of Receipt of order and also agree for the delivery program as directed by MSEDCL Authority of Hingoli Circle.

Signature of the Tenderer

Superintending Engineer (HNGC)

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.**SCHEDULE "C"****PRODUCTION AND DELIVERY SCHEDULE**

Sr.No.	Name of the DISTRICT	Type of pole	Monthly Requirement of PSC poles	Total requirement of poles
1	2	3	4	6
2	HINGOLI	9m/200kg	369	369

Note:- In an emergency if required additional PSC poles other than above schedule (Column No.4) but within the limit of total requirement (Column No.6) then it is binding to supply of PSC Poles accordingly.

LIST OF SERVICES

SR. NO.	SERVICE NAME	ACTIVITY NUMBER	UOM	SAC CODE	REQ. QTY	VERSION	MATERIAL TYPE
1	PSC pole 9 Rmt erection	PM.HTLC22.1 00	Number	995461	300		null

Required Documents (To be uploaded online)				
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Sr. No.	NAME	SECTION	ITEM	DESCRIPTION
1	PRICE BID	Price Section	PSC pole 9 Rmt erection	PRICE BID
2	TECHNICALBID	Technical Section	PSC pole 9 Rmt erection	AS PER TENDER CONDITIONS
3	COMMERCIAL	Commercial Section		AS PER TENDER CONDITIONS