

SE/SC/PSC POLE PROCUREMENT/T-11

Tender Details		25-07-2023 06:18:44
Tender Code	SE/SC/PSC POLE PROCUREMENT/T-11	
Tender Type	Works Tender	
Type Of Bid	Two Bid	
Description	PROCUREMENT OF PSC POLES	
Estimated Cost (In Lakhs)	51.83	
Basis of prices	NA	
Tender Validity	NA	
Delivery Requirement (In Months)	NA	
Tender on rate contract basis	NO	
Tender Fee (In INR)	5000	
GST In INR (@18% on Tender Fee: SAC No.	900	
Total Tender Fee Amount including GST in INR.	5900	
Contact	V C PATIL , 7875765444 ,sesindhurg@gmail.com	
Pre-Qualifying Req	AS PER TENDER CONDITIONS	
Budget Type	Revenue	
Scheme Code	NA	
Scheme Name	NA	
Department	Distribution Department	
Office Type	CIRCLE	
Location Type	Sindhurg Circle	
Designation	Superintending Engineer(Distribution)	
Pre-Bid Meeting Address	OFFICE OF THE SUPERINTENDING ENGINEER SINDHUDURG CIRCLE KUDAL	
Bid Opening Address	OFFICE OF THE SUPERINTENDING ENGINEER SINDHUDURG CIRCLE KUDAL	
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	25-07-2023 17:00	
Tender Sale End Date	07-08-2023 23:30	
Bid Start Date	26-07-2023 11:00	
Bid End Date	08-08-2023 23:30	
Pre-Bid Meeting Date	01-08-2023 11:00	
Techno-Commercial Bid opening on	11-08-2023 11:00	
Price Bid opening on	Will be declared later	
Annexure C1 Opening Date	NA	
Winner Selection Date	Will be declared later	

Can Bidder Opt EMD Exemption	Y
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ADDITIONAL INSTRUCTIONS
(Applicable for tenders called on Rate Contract basis)

RATE CONTRACT:

The terms and conditions for the rate contract shall be same as those specified in Annexure 'A' Conditions of Tender & Supply, with the following additions/modifications. These clauses are applicable wherever they are deviating from the relevant clauses of the tender form and shall supersede the terms & conditions mentioned therein and shall be applicable to the rate contract tender.

1.0 PERIOD OF RATE CONTRACT:

The rate contract shall be in operation for a period of one year from the date of Award of Contract.

2.0 QUANTITY:

- 2.1 Quantity ordered in Annexure 'B' of the tender documents or quantity, which shall be ordered on successful bidder, is only the estimated requirement for the contract period of one year. The actual supply against the contract shall be limited to the quantity demanded during the contract period which shall not be less than 40% of the ordered quantity.
- 2.2 It will not be binding on the part of the purchaser to draw the entire quantity during the contract period.
- 2.3 On expiry of the contract period, any undemanded portion of the contract shall stand automatically cancelled without any financial liability on either side.

3.0 DELIVERY PERIOD:

- 3.1 The delivery schedule offered shall indicate the quantity of first lot and the rate per month at which the supply shall be effected.
For quantities demanded upto 40% of the contract quantity, commencement period will be allowed for the first demand only. The deliveries of subsequent demands shall be effected at the agreed monthly rate from the date of receipt of such demands or the expiry of the delivery period of the earlier demands which ever is later.
For the balance quantity over and above 40% of contract quantity, if demanded separately, the delivery period as agreed including the commencement period will be applicable.
- 3.2 The demanding officer will issue dispatch instructions as per his requirement. The quantity demanded per consignee could be less than or equal to monthly lot specified in the contract. Whenever as per demands, the quantity to be supplied to a consignee in a particular month is less than monthly lot quantity, the said quantity will be treated as lot quantity for the purpose of delivery and payment.
- 3.3 In the last demand/s made, if the deliveries cannot be effected within the contract period after counting the delivery period in the above manner, the contract period shall stand automatically extended till the expiry of the delivery period counted in the above manner, unless instructed by the concerned Demanding Officer not to dispatch the material after expiry of the contract period.
- 3.4 The commencement of the delivery period shall include the period for submission of prototype/sample (wherever applicable) and approval of the same and also the time required for routine inspection and approval of test certificates, wherever required.

ADDITIONAL INSTRUCTIONS
(Applicable for tenders called on Rate Contract basis)

RATE CONTRACT:

The terms and conditions for the rate contract shall be same as those specified in Annexure 'A' Conditions of Tender & Supply, with the following additions/modifications. These clauses are applicable wherever they are deviating from the relevant clauses of the tender form and shall supersede the terms & conditions mentioned therein and shall be applicable to the rate contract tender.

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E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

E-TENDER FOR

MANUFACTURE AND SUPPLY OF 8&9M/200Kg PRESTRESSED CEMENT
CONCRETE POLES AS PER REC DESIGN TO SINDHUDURG CIRCLE UNDER
KOKAN ZONE, RATNAGIRI
(PRE-QUALIFICATION DOCUMENTS)

SORT TENDER NOTICE

Date of Sale: 24.07.2023 to 07.08.2023
Last Date of Submission: 07.08.2023 Up to 23:00 Hrs.
Pre Bid meeting: 01.08.2023 at 11:00 Hrs.
Technical bid opening: 11.08.2023 Up to 11:00:00 Hrs

BID NO.I

E-TENDER SUBMITTED BY

M/S _____

Office of the Superintending Engineer,
Maharashtra State Electricity Distribution Co. Ltd.
Sindhudurg Circle, MIDC Area, Kudal
Dist-Sindhudurg, Pin-416 520
Telephone :(02362-223521, 223547)
Email: sesindhudurg@gmail.com

PRICE PER COPY: - Rs. 5000/- +18 % GST

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.**BID NO. -I**

Pre-qualification tenders for the manufacture and supply of 8&9M/200Kg PSC Solid Poles as per REC design to SINDHUDURG CIRCLE, KONKAN ZONE, RATNAGIRI in Maharashtra State.

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SHORT E-TENDER NOTICE

E-Tender Specification No: **SE/SC/PSCPOLE/2023-24/T-11**

Short E-tender is invited from established pole factory owners & from reputed manufacturers having experience in Prestressed 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 to MSEDCL on MSEDCL web site www.mahadiscom.in for manufacturing of PSC pole. The offers are required for supply of 8&9M/200Kg. Pre stressed Concrete solid poles as per REC design to SINDHUDURG CIRCLE under KOKAN Zone, RATNAGIRI as shown below.

Sr. No.	Name Of DISTRICT	Type of Poles	No. of PSC Poles to be Supplied	Estimated Cost Of Tender (Rs.In lakhs)	EMD Rs.	Time Limit
1	2	3	4	6	7	8
1	Sindhudurg	8M/200Kg	1360	Rs.32.31 Lakhs	51830/-	3 (Three) MONTH
2	Sindhudurg	9M/200Kg	720	Rs.19.52 Lakhs =51.83 Lakhs (Excluding Tax)	(1% OF Tender value)	

The e-Tender specification No. **SE/SC/PSCPOLE/2023-24/T-11** prescribed design detail of PSC poles etc. shall be available on MSEDCL web site www.mahadiscom.in w.e.f. **24.07.2023**, sale closing date (i.e. downloading the tender by e-process) is **07.08.2023** on non-refundable payment of **Rs. 5000/- plus GST @ 18%** in the office of Superintending Engineer (SC), MSEDCL, Circle Office, Sindhudurg by cash or by demand draft of any Nationalized / Scheduled Bank payable at Kudal or by online. e-Tender fee. The pre bid meeting is scheduled on 01.08.2023 at 11.00 Hrs.

Interested tenderers shall please note that E-copy of following documents to be submitted under pre qualifying bid 1 duly digitally signed & shall keep ready originals of all above documents & if required by tender scrutiny authority/committee of MSEDCL same shall be immediately produced before them, for verification of documents. If any agency fails to produce original documents on request of MSEDCL, his price bid will not be considered & liable for rejection.

a) Solvency Certificate to the extent of Rs.30% of estimated cost issued by Nationalized/Scheduled Bank which shall be obtained from one Bank only. (b) details of infrastructure for manufacturing PSC poles to the capacity of minimum of 2000 pole per month or similar products. (c) Certificate of experience in the field of prestressed concrete poles for distribution work for at least last 3 year period.

**Superintending Engineer
Sindhudurg Circle**

INSTRUCTIONS TO TENDERERS :-

- 1) All the interested tenderers who have e-registered on MSEDCL web site www.mahadiscom.in shall read carefully all the prequalifying documents requirements & fill up the prequalify bid No.1) on online duly digitally signed and completing the requirement of documents as per prescribed proforma. All the details of tenders, instruction to tenders, contractor's particulars. General terms and conditions, special conditions of contract, material to be used & Technical specification and schedule B is available on our web site www.mahadiscom.in w.e.f. date **24.07.2023** Sale closing date (i.e. downloading the tender by e-process) is **07.08.2023** after Submission of tender fee, E.M.D. receipt and approved by accounts department.
- 2) Duly filled in and duly e-signed (digital signed) bids should be uploaded mentioning all the required details under two separate bids 1) prequalifying bid and 2) price bid through e-process up to **07.08.2023** up to 10.00hrs.
- 3) Since tender submission process is through e-submission only, **no** tender box will be kept in office for manual submission as per earlier process, same may please be noted.
- 4) e-tenders submitted as per above procedure will be opened if possible, on the same day after 11.00hrs. or at suitable time or on subsequent working days in presence of e-tender committee from MSEDCL and in front of those contractors who wish to remain present at the time of opening. But presence of contractor is optional on contractor's side as they may directly view the opening results by logging on web site by using their password (keyword) from any other place but only after tender committee opens the e-tenders.
- 5) 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....

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

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 up to next working day. Complaints/ objections in any form afterwards 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) The GST if applicable will be reimbursed as per Govt. rules on production of documentary evidences. The GST is to be paid to Govt. Authority & for the same particular work.
- 9) The requisite earnest money to be paid in the from of online/demand draft only of any Nationalize / Scheduled Bank payable at Kudal.
The tenderers are required to furnish their bio-data, commercial terms and conditions if any, and other relevant particulars under bid No. 1. The price bid shall be submitted under bid No. 2.

The right to reject any or all tenders without assigning any reason thereof, is reserved

This e-tender notice is available on MSEDCL's website <http://www.mahadiscom.in>.

**Superintending Engineer
Sindhudurg Circle**

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.**1. INTRODUCTION.**

Short Tender for manufacture and supply of REC poles of 8&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 tenders 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.

1.1.01 GENERAL CONDITION OF MANUFACTURE & SUPPLY

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 within 250 Km of the the jurisdiction of MSEDCL Sindhudurg Circle to avoid the financial Burdon of transportation on Mahavitran for supply of poles as required. The period of lease and hire agreement should be one year more than time of contract period.

1.1.02 The qualifying tenderer, in the event, proposes to established his factory in a newly acquired or in a converted premises for the manufacture and supply of REC standard PSC poles, he shall be further subjected to the following conditions.

- (a) The manufacturer should accept the quality control by an officer designated by MSEDCL, over all the operations and activities during manufacture and supply of PSC poles in any manner as desired by MSEDCL, manufacturer shall extend fullest co-operation in this respect.
- (b) The manufacturing process shall be strictly in the conventional manner and conforming to REC standards and poles to be supplied statistically tested in the prescribed manner in the presence of the Officer so designated.
- (c) All the infrastructure required in the establishment of the factory, in terms of all tools, plants, equipment, moulds and machinery, raw materials such as cement, H.T. wire, etc. as also all labour and transport shall be provided by the tenderer at his own cost and no monetary advance shall be made on any of these accounts.

1.2 MONETARY CONDITIONS GOVERNING SUPPLY.

1.2.01 As already indicated, no financial assistance would be offered to the qualifying tender 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.

1.2.02 All raw materials including consumables required in the manufacturing process, such as cement, H.T.wire, G.T.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.

1.3 ESTABLISHMENT OF FACTORY FOR DELEVERY OF POLES

As already stated, the tenderer should have either established pole factory at suitable location in the jurisdiction of MSEDCL Sindhudurg Circle/Konkan Zone as brought out in the Schedule 'C' of the tender and shall obtain all way leaves/ permission/ license/registration etc. required from the mandatory Authorities direct in their name only.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

1.4 FACROTY INSPECTION.

Notwithstanding any thing contained herein, the Superintending Engineer (SC) Kudal 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 cannot 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.

1.5 The new bidders are also invited.

**Superintending Engineer
Sindhudurg Circle**

SIGNATURE OF TENDERER

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

PRE-QUALIFICATION CONDITIONS REQUIRED FOR ELIGIBILITY

A) a) For bidder having existing pole factory.

- i) Capacity of the factory for supplying min. 2000 poles/p.m. as mentioned the size/ details of poles as per tender specification.
- ii) Location of Factory.
Factory should be located at a suitable location **within 250 Km of the jurisdiction of MSEDCL Sindhudurg Circle to avoid the financial Burdon of transportation on Mahavitran.**
- iii) The factory should be preferably located at the road side of National Highway/ State Highway/ Major Dist. Road.
- iv) 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.
- v) The tenderer should have executed the contract of same type and nature with turnover of at **least Rs. _____ Lakhs per year.**

B) The depot should be located at geographical location as selected above at A(ii) & (iii)

- i) The depot should have a stacking capacity of about 3000 poles at a time
- ii) The depot should be equipped with gantries for loading and unloading of poles, pole testing equipments for testing of poles as per I.S. requirement.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

C) REQUIREMENT FROM TENDERERS:

- i) Copy of the balance sheet for last 3 (three) years (2020-21 ,2021-22, 2022-23) to judge funding position with signature of C.A.& Net worth & turn over certificate by C .A. for last three years.
- ii) Copy of GST Registration certificate to be Submitted
- iii) Copy of bank solvency certificate 30.00 % of tender value, Income tax clearance certificate, balance sheet for last 3 Years.
- iv) PAN card Registration Number.
- v) If the unit is SSI, valid SSI registration Certificate

**E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11
BIO-DATA QUESTIONNAIRE DOCUMENTS ATTACHED
FOR ELIGIBILITY**

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/proposed to be set-up. :
 - a) If yes, the installed production capacity :
 - b) If No, the time required for establishment of factory :
 - c) MSEDCL require the poles immediately from the date of LOI @ 700 poles/month. Also Bidder will have to supply minimum 500 poles by the month ends. Whether the tenderer is able to comply the requirement. :
5. Values of relevant job (Manufacture and supply of PSC poles REC standard within Maharashtra State or outside) including organization to whom you supplied) or controlled concrete work or prestressed or post stressed concrete work etc. executed in the last 10 years including job in hand (attached separate sheet) :
6. Relevant details for establishing a new units (project report), techno-economic feasibility report etc) :
7. Details as to the location map, factory layout giving indications of space and facilities available/ proposed, such as number of beds, curing ponds, tools and plants, machinery such as mixers, cube testing machine, prestressing machine, pole testing, stacks yard etc. also be submitted. :
8. Whether the Tender agree to the commercial terms and conditions of MSEDCL, as stipulated :

the tender.

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E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

9. Location of Supply.
Location of proposed factory and point of supply :
10. Minimum and maximum number of poles :
Can be supplied by the tenderer annually and also the average and minimum per month.
11. Names of Directors / Partners (if partnership :
firm, attach partnership deed)
12. Names of technically qualified persons who :
would head the existing /proposed Pole
Factory.
13. His qualification & experience in this field. :
14. Skilled/ Unskilled persons working in :
existing unit.
15. 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./Insurance)
 - b) S.S.I. Registration Whether you are :
registered as a small scale industry to
manufacture the prestressed Concrete
poles/products.
 - i) Please quote the authority with whom you :
are registered & quote your registration No.
and Date.
 - ii) Please quote the date upto which your :
Registration is valid/ (enclose Photostat
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) Sales Tax (Central / State) GST :
 - i) Sales Tax Registration No. & date :
 - ii) Please indicate whether exemption is :
granted to your units and details thereof
 - iii) Rate of GST applicable against :
submission of AA/C form

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

16 A) SICOM/ REGIONAL DEVELOPMENT
AUTHORITY ELEFIBILITY

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

17. Tax Assessment details/ Registration/ :
Exemption (CGST/SGST).

18. Bankers

19. 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

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

e-TENDER FOR

MANUFACTURE AND SUPPLY OF 8&9M/200Kg PRESTRESSED CEMENT
CONCRETE POLES AS PER REC DESIGN TO SINDHUDURG CIRCLE UNDER
KOKAN ZONE, RATNAGIRI

(PRICE BID. DOCUMENTS)

BID NO.II

e-TENDER SUBMITTED BY

M/S _____

Office of the Superintending Engineer,
Maharashtra State Electricity Distribution Co. Ltd.
Sindhudurg Circle, MIDC Area, Kudal
Dist-Sindhudurg , Pin-416 520
Telephone :(02362-223521, 223547)
Email: sesindhudurg@gmail.com

PRICE PER COPY: - Rs. **5000**/- +18 % GST

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

TENDER FOR MANUFACTURE AND SUPPLY OF 8&9M/200Kg PRESTRESSED CEMENT
CONCRETE POLES TO SINDHUDURG CIRCLE UNDER KOKAN ZONE, RATNAGIRI .

SHORT E-TENDER NOTICE

BID NO: 2

I N D E X

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E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

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Sr. No.	Name Of DISTRICT	Type of Poles	No. of PSC Poles to be Supplied	Estimated Cost Of Tender (Rs.In lakhs)	EMD Rs.	Time Limit
1	2	3	4	6	7	8
1	Sindhurg	8M/200Kg	1360	Rs.32.31 Lakhs	Rs.	3 (Three) MONTH
2	Sindhurg	9M/200Kg	720	Rs.19.52 Lakhs =51.83 Lakhs (Excluding Tax)		1500 for 1st & 2nd month, 580 for 3rd month

The e-Tender specification No. **SE/SC/PSCPOLE/2023-24/T-11** prescribed design detail of PSC poles etc. shall be available on MSEDCL web site www.mahadiscom.in w.e.f. **24.07.2023**, sale closing date (i.e. downloading the tender by e-process) is **07.08.2023** on non-refundable payment of **Rs.1000/- plus GST @ 18%** in the office of Superintending Engineer (SC), MSEDCL, Circle Office, Sindhurg by cash or by demand draft of any Nationalized / Scheduled Bank payable at Kudal or by online. e-Tender fee. The pre bid meeting is scheduled on **01.08.2023** at 11.00 Hrs.

Interested tenderers shall please note that E-copy of following documents to be submitted under pre qualifying bid 1 duly digitally signed & shall keep ready originals of all above documents & if required by tender scrutiny authority/committee of MSEDCL same shall be immediately produced before them, for verification of documents. If any agency fails to produce original documents on request of MSEDCL, his price bid will not be considered & liable for rejection.

a) Solvency Certificate to the extent of Rs. 30% of estimated cost issued by Nationalized/Scheduled Bank which shall be obtained from one Bank only. (b) details of infrastructure for manufacturing PSC poles to the capacity of minimum of 2000 pole per month or similar products. (c) Certificate of experience in the field of prestressed concrete poles for distribution work for at least last 3 year period.

Superintending Engineer

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INSTRUCTIONS TO TENDERERS :-

- 1) All the interested tenderers who have e-registered on MSEDCL web site www.mahadiscom.in shall read carefully all the prequalifying documents requirements & fill up the prequalify bid No.1) on online duly digitally signed and completing the requirement of documents as per prescribed proforma. All the details of tenders, instruction to tenders, contractor's particulars. General terms and conditions, special conditions of contract, material to be used & Technical specification and schedule B is available on our web site www.mahadiscom.in w.e.f. date **24.07.2023** Sale closing date (i.e. downloading the tender by e-process) is **07.08.2023** after Submission of tender fee, E.M.D. receipt and approved by accounts department.
- 2) Duly filled in and duly e-signed (digital signed) bids should be uploaded mentioning all the required details under two separate bids 1) prequalifying bid and 2) price bid through e-process up to **07.08.2023** up to 10.00hrs.
- 3) Since tender submission process is through e-submission only, **no** tender box will be kept in office for manual submission as per earlier process, same may please be noted.
- 4) e-tenders submitted as per above procedure will be opened if possible on the same day after 11.00hrs. or at suitable time or on subsequent working days in presence of e-tender committee from MSEDCL and in front of those contractors who wish to remain present at the time of opening. But presence of contractor is optional on contractor's side as they may directly view the opening results by logging on web site by using their password (keyword) from any other place but only after tender committee opens the e-tenders.
- 5) 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....

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

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 up to next working day. Complaints/ objections in any form afterwards 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) The GST if applicable will be reimbursed as per Govt. rules on production of documentary evidences. The GST is to be paid to Govt. Authority & for the same particular work.
- 9) The requisite earnest money to be paid in the form of demand draft only of any Nationalize / Scheduled Bank payable at Kudal.
The tenderers are required to furnish their bio-data, commercial terms and conditions if any, and other relevant particulars under bid No. 1. The price bid shall be submitted under bid No. 2.

The right to reject any or all tenders without assigning any reason thereof, is reserved

This e-tender notice is available on MSEDCL's website <http://www.mahadiscom.in>.

**Superintending Engineer
Sindhudurg Circle**

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

INSTRUCTIONS TO TENDERERS

1. MSEDCL intends to tie up with suitable agencies who can supply prestressed cement concrete poles of size 8&9M/200Kg to meet the pole requirement of SINDHUDURG DISTRICTS either from the existing established pole factory or by establishing a New Pole Factory or from depot, as brought out in the notice inviting e-Tender. The supply of poles shall be made either ex-factory or ex-depot existing at suitable location in the in the jurisdiction of MSEDCL Konkan Zone s.
2. e-Tender is invited from established pole factory owners and experienced manufacturers in prestressed cement concrete poles/products having adequate infrastructure. The pre-qualification information as per questionnaire & the price bid shall be submitted till **07.08.2023** up to **10.00 hrs**. **The bid No. 1 will be opened on 11.08.2023 at 11.00 hrs if possible.**
3. The tenderers are required to manufacture and supply 8.0m/200kg prestressed 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 pole shall commence immediately from the receipt of the order and the entire quantity of poles as ordered shall be within 3 months thereafter including curing, testing etc. of the last lot of production. No extension of the delivery period shall be considered. The contractor shall complete the delivery of poles as per Schedule 'C'. 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 is completed before the Scheduled date, this date shall be considered as the date of completion and the contract will be closed.
5. The Tenderers will have to pay requisite earnest money deposit with the e-Tender, in the form of demand draft in favour of SUPERINTENDING ENGINEER , SINDHUDURG CIRCLE MSEDCL, KUDAL drawn on any Nationalized/Scheduled Bank payable at Kudal. The tenders uploaded without earnest money are liable to be rejected. Exemptions given to SSI Units for remittance of EMD in respect of purchase contracts are not applicable to this supply contract.
6. BID Documents will neither be issued manually nor be sent by post or courier. Blank BID document can be viewed and downloaded after approval by registered intending Bidders online on website www.mahadiscom.in from **27.07.2023** to **07.08.2023** After payment of non refundable BID fees of Rs 1000/- **plus GST @ 18%** by /cash/Demand Draft/ E-payment directly to our MAHADISCOM's A/c net banking. MSEDCL have integrated the net banking facility with our website for the purpose of E-payment. Those who wish to download BID documents by paying fees in the form of Demand Draft should physically submit the D.D. drawn on any Nationalized /Scheduled Bank payable at Kudal in favour of SUPERINTENDING ENGINEER (SC), MSEDCL, KUDAL & submit copy of receipt.
7. The Tenderers shall quote their rates for supply of poles Ex- their existing factory / proposed new factory / depot required for each DISTRICTs, in schedule 'B'.
8. The Tenders duly filled & digitally signed in all respects will have to upload on MSEDCL'S web site up to 10.00 hours on **07.08.2023**. The tenders will be opened on the specified dates as indicated in the notice inviting tenders and in the manner as shown in Clause 2 above.
9. The successful tenderer will have to pay Security Deposit amounting to 10% of tendered value in the form of Bank Guarantee 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 entail cancellation of LETTER OF INTENT and forfeiture of earnest money.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

10. 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.
11. Tenders which do not fulfill all or any of the above conditions or which are incomplete in any respect are liable for summary rejection.
12. Before uploading the tender offer by e-process, which shall be for 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.
13. 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 acceptance of contract rate, pay any extra charges for any other reasons, in case, the tenderer is found, later on, to have misjudged himself.
14. The MSEDCL shall arrange for transport of all finished poles.
15. 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 (SC), MSEDCL, Kudal as set forth in the conditions of the contract.
16. The tenderer shall furnish along with the tender, information regarding the manufacture of prestressed concrete poles carried out by him in any other department and submit copies of certificates in the proof thereof.
17. Rates shall be quoted for the supply of poles as required for 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.
18. 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 neither bound to accept the lowest tender nor 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.
19. The tenders shall remain open for acceptance subject to provision of Clause No.18 above, for a period of **4 (FOUR) months** from the date of opening in accordance with the Clause No. 18 or 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.
20. The tender shall be accompanied by solvency certificate (in original) to the extent of 20 % estimated cost issued by any Nationalized/Scheduled Bank in favor of the tenderer to be obtained from one Bank only without which tender will not be considered.

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21. 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.
22. These instructions to the tenderers shall also form part of the contract.
23. Tenders having conditions, which are at variance with the MSEDCL's standard terms and conditions, shall be summarily rejected.

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.

**Superintending Engineer
Sindhudurg Circle**

**Digital - Signature, Name and Address
of the Tenderer.**

Dated:

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

SPECIAL CONDITIONS OF THE CONTRACT

1. Scope of Contract.

The tenderers are required to manufacture and supply of 8&9M/200Kg Prestressed cement concrete poles as mentioned in the schedule 'C' as per prescribed REC design, technical specifications and drawings attached with the tender, over a period of 3 months to Sindhudurg circle under KOKAN Zone, RATNAGIRI.

2. Security Deposit.

The successful tenderer except the existing manufacturers who have already deposited permanent SD. will have to pay security deposit amounting to 10% of tendered value in the form of Bank Guarantee from any Nationalized/ Scheduled Bank towards the performance of the contract, in MSEDCL's prescribed proforma. The Security Deposit is payable in the office of the Superintending Engineer, Sindhudurg Circle, MSEDCL, Kudal concerned. Non-remittance of the same shall entail forfeiture 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.

3. 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.

4. Tax Royalties etc.

a) **Raw materials:** All levies such as GST 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 the rates. 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 order rate.

The Contractor shall indicate in his offer the incentive/concessions in respect of GST, available to his unit from the Government and specify the elements of tax payable by the MSEDCL after availing of all such incentives/concessions, for the appropriate slab of his turnover of supplies ordered by the MSEDCL for a particular year. If the contractor produces more than the ordered quantity of poles, which are not stipulated by the MSEDCL, the additional Excise Duty applicable, if any, on account of additional production, shall be borne by him

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11**5. Schedule of Manufacture/Delivery of Poles and Penalty**

The contractor shall maintain the average production of poles as given in schedule 'C' and in no case the production and delivery of poles shall be less than minimum stipulated in the schedule. The contractor should provide minimum 1000 poles by Aug-2023 after placing of LOI. 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-lifting of poles by the MSEDCL resulting in accumulation of more than 2000 poles at a time and closure of production thereof.
- b) Heavy rainfall 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).

6. Specification of Poles.

The manufacture and supply 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.

7. Rejected Material

It shall be absolutely essential on the part of the contractor to have on the factory site/depot only such of the materials as have been duly passed for by the Engineer-in-charge. Such of the materials which have been rejected shall on no account be allowed to remain on factory site and if the same are not removed in spite of a written order to remove the rejected material out of the factory site within the specific period as directed by the Engineer-in-charge, the latter shall have full rights to remove the rejected materials and also destroy the same at the cost of the contractor. The scrap H.T. Wire and G.I.Wire shall be disposed off by the contractor.

8. Check on controlled material

The MSEDCL shall render all possible help for securing priorities for supply of controlled articles, if any, which are required for the manufacture of poles. In the case of material issued through or with the recommendation of the MSEDCL, it is absolutely essential for the contractor to maintain a correct record of the daily consumption of the said material with particular reference to the turnover of the production during the day. The Engineer-in-charge or his authorized representative shall have the right to inspect and check the stores housing the material and the accounts for these materials shall be presented for inspection whenever called for.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11**9. Subletting of Contract**

The contract or any part thereof shall not be assigned or sublet without the written permission of the Superintending Engineer, MSEDCL, Sindhudurg Circle, Kudal. In case such permission is granted, the responsibility for executing the contract according to the specifications and within the stipulated time shall be entirely rest with the successful tenderer.

In respect of the subletting of work in terms of labour contract, if any, it shall be sole responsibility of the MSEDCL's main contractor to guard that none of the requirements of the Maharashtra Contract Labour (Regulation and Abolition) Act and Rules (1971) get infringed. The contractor shall indemnify the MSEDCL in respect of any action that may be brought by the Government against the MSEDCL, if any, in this respect.

10. 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.

11. Terms of Payment.

Payment will be made by Superintending Engineer, MSEDCL, Circle Office Sindhudurg on monthly basis on the bills submitted by the contractor for all tested and approved poles in the previous month upto the date as fixed by the Engineer-in-charge after proper measurement and necessary passing of bills.

100% payment by RTGS only will be made 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 i.e. Executive Engineer, MSEDCL, Civil Division Ratnagiri. The contractor should submit required documents for RTGS payments .

If the poles are not lifted after curing and testing the particular lot, 90% on account payment will be effected only on confirmation by the Ex. Engineer (Civil) Ratnagiri as regards non lifting of poles . The remaining 10% will be paid on submission of R.A. bills and after lifting of such poles on production of materials requisition, gate pass etc.

12 Lifting of Poles.

The contractor shall extend due facilities available with him at all times such as gantry, chain pulley blocks etc. for loading of poles in MSEDCL's hired trucks while taking delivery from contractor's works, free of charge.

13. 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 Superintending Engineer, MSEDCL, Sindhudurg Circle, Kudal. The decision of the Superintending Engineer, MSEDCL, Sindhudurg Circle, Kudal about the issue shall be final, conclusive and binding on the contractor.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11**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 himself 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 quotation 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 8 SWG G.I.wire is to be made in such a way that it does not touch H.T. wire, anywhere during concreting and about 100 mm 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 be able to lift the poles from the factory. Hence, the manufacturer is expected to have an open air store yard having capacity of 3,000 poles.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

9.0 8&9M/200Kg PSC poles are to be manufactured as per REC standards. A drawing showing the reinforcement 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-6 with reinforcement 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

Size of lot Or sub-lot	Sample size and criterion for conformity dimensional requirements		No. of poles for transverse Strength test
	Sample size	Permissible No. of + Defective samples	
Upto 100	10	1	1
101 to 200	15	1	1

12.1 These poles shall be selected at random. In order to ensure randomness, all the poles in a lot or sub-lot be arranged in a serial 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 as above shall be tested for overall length, cross-section and uprightness examine whether they are within the permitted tolerances.

Tolerances

Length +/- 15 mm

Cross Sectional Dimensions +/- 3mm

Uprightness 0.5%

The number of poles to be tested for transverse strength shall be in accordance with Column 4 of Table No. 1. These poles may be selected from those already tested as indicated above.

12.1 CRITERIA OF CONFORMITY

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

12.1.1 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 exceeds 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.

- 12.1.2 All the poles tested for transverse strength test shall satisfy the requirement of test as below:
- a) No hair cracks shall appear upto the application of the working load i.e. 200 kg
 - b) The pole should not fail at a load less than the design ultimate load i.e. 500 kg and all the cracks produced during testing should disappear on removal of load.
- 12.1.3 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 requirements of this 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.
- 12.1.4 No pole is required to be tested till failure but the poles are to be tested only upto the design ultimate load. i.e. 500 kg. The poles tested upto designed ultimate load shall have recovery of deflection more than 85% within 24 hours.

12.2 Transverse Strength Test.

12.2.1 General.

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 02.2.4 below).

12.2.2 Loading.

The load shall be applied at a point 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.

12.2.3 Pulling Line.

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

12.2.4 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 a way 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.

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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 plus 10 percent of the min. ultimate transverse load and held for two minutes. This procedure shall be repeated until the load reaches the value of 60% and further 80% of the ultimate transverse load. The deflection at this load point shall be measured. The load shall be brought to zero and thereafter increased by intervals of 5% of the ultimate transverse load.

12.2.6 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.

12.2.7 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 24 hours.

12.2.8 However, in case of new factories to begin with one pole out of a lot of 100 poles shall be tested upto design ultimate load and test reports be preserved for future reference. Subsequently, after 2 years when the factory would gain some experience one pole out of 200 poles shall be tested after obtaining the approval of the Engineer-in-Charge for reducing the frequency of testing.

12.2.9 Planting Depth.

It shall be 1.5 mtr. from the bottom of the pole.

12.3 Recording of Load and Measurement.

12.3.1 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 up on the removal or reduction of the test load.

12.3.2 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 butt end of the pole, the second within 0.6 m from the top and the third at any intermediate point.

12.4 Marking.

The pole shall be clearly and indelibly marked with following particulars either during or after manufacture but before testing at a position so as to be easily read after erection in position.

- a) Month and year of Manufacture.
- b) Class of Pole (8&9M/200Kg)
- c) Manufacturer's serial no. or mark.
- d) Color code at middle section for 3 feet length included with letters "SE/SC/PSCPOLE/2023-24/T-11"
- e) Planting Depth at 1.5 mt. From the bottom.

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

12.6 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.

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TEST REPORT OF POLES

Lot No. Pole No.	Test No. Date of Casting:	Date	Size : 8&9M/200Kg
Pole manufactured with 02 Nos. of H.T. Wire having U.T.S. 175kg/sqmm and 0.1% proof stress not less than 140 kg/mm ²		Cement concrete cube test 1) At 3 rd day Kg/cm ² 2) At 28 th day Kg/Cm ²	
Load in Kg. (200 Kg/W/L)	Deflection in cms.	Permanent in set cms.	Remarks
0			Each time the load is applied it shall be held for 2 minutes.
50			
100			
150			
200			Working load.
0			
250			
0			
300			
0			
350			
0			
400			
0			
425			
450			
475			
500			Design Ultimate load.

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Gradual
Reduction to

0

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) Certified that the recovery of deflection at ultimate load is more than 85% within 24 hours.
- c) Certified that the Test Report is found to be satisfactory/Unsatisfactory.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

DESIGN DATA

PARTICULARS OF 8.0m/200 Kg. PRESTRESSED CEMENT CONCRETE

POLES AS PER REC DESIGN.

Sr. No.	Details	8&9M/200Kg Poles
1.	Working load	200 kg acting at 0.6 m from top
2.	Factor of Safety	2.5
3.	Ultimate Load	500 kg
4.	First crack load (permissible)	Not less than 250 kg
5.	Strength of 4 mm H.T. Wire	a) U.T.S. 175Kg. /sq.mm b) Proof Stress 1% of U.T.S.
6.	Strength of concrete at 28 days	420 Kg/sq.mm.
7.	Minimum strength of concrete on Release 3	210 Kg/sq.mm.
8.	Planting depth.	Not to exceed 1.5 mts.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11**MAHARASTHRA STATE ELECTRICITY DISTRIBUTION CO. LTD****GENERAL GUIDELINE FOR CONSUMPTION OF MATERIALS****FOR 8 .0m/200 Kg PSC POLES AS PER REC DESIGN****GRADE OF CONCRETE M - 420**

Sr.No.	Description	8.0m/200Kg. Quantity
1.	O.P Cement (53 grade) conforming to I.S. 02269 / 1987	1.75 Bags
2.	4 mm.H.T. Wire	10.45kg
3.	8 SWG GI Wire	0.79 kg
5.	Concrete Quantity per pole	0.157 m ³

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.

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

Tender No. SE/SC/PSCPOLE/2023-24/T-11

Bid No- II

(Commercial Bid Offer)

Description of supply Item:

SCHEDULE "B"

Manufacture, testing & Supply of 8m/200kg Prestressed Cement Concrete Solid poles as per REC design, specification and drawings for **SINDHUDURG CIRCLE** in SINDHUDURG DISTRICT by establishing a new factory/from existing factory.

Sr. No.	Type of Pole	Proposed DISTRICT/s for supply of poles (Please refer the tender notice)	No. of Poles (As given in tender notice for the respective DISTRICT/s proposed)	Supply Ex-factory / Ex-depot (Please specify the location in the Konkan Zone)	Rate (per pole in figures and words) (in Rs.)	Total Amount (in Rs.)
1	2	3	4	5	6	7
1	8m/200kg Poles	Sindhudurg	1360			
2	9m/200kg Poles	Sindhudurg	720			

Signature of tenderers with
Stamp and date

(P.T.O.)

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

1. The rate quoted by us is for manufacture, testing and supply of 9m & 8m/200kg PSC pole. The rate quoted is for supply ex-factory / ex-depot at the place indicated above with testing and loading arrangements.
2. Separate sheets showing the rate analysis and basic prices adopted for cement, 4mm H.T. Wire and 8 SWG GI Wire in support of the rates quoted are furnished. The element of tax is separately indicated in the basic price of raw materials.
3. Rates quoted above is exclusive of GST. If the turnover of the factory falls within the limit of exemption as prescribed by the GST Authority, exemption will be obtained by us. Similarly exemption from GST will be obtained from the State Government, if applicable, taking into consideration the situation of the factory in backward area etc....
4. We are availing of the facilities/concessions extended by the Central and State GST authority, the details of which are given in the questionnaire enclosed. As on date the following statutory levies will be payable by the MSEDCL.
 - 1.
 - 2.
 - 3.
5. We agree to commence the delivery of 400 poles by one months after placing of LOI and balance lot not later than one month from the date of receipt of order and also agree for the delivery programmed as indicated in the Schedule "C".
6. We agree to avail the benefit under "GST" and pass it on to the MSEDCL, if beneficial to the MSEDCL by adjustment in the Excise Duty.

Signature of the Tenderer with
Stamp and date

**Superintending Engineer
Sindhudurg Circle**

e-Tender opened in our presence at on : S.E.(SC) _____ E.E.(ADM) _____ DY.E.E.. _____ Man.(F&A) _____

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.

SCHEDULE "C"

PRODUCTION AND DELIVERY SCHEDULE

Sr.No.	Name of the DISTRICT	Type of pole	Monthly Requirement of poles Per Month		Total requirement of poles
			Avg.	Min	
1	2	3	4	5	6
1	Sindhudurg	8m/200Kg	1000	600	1360 Nos
2	Sindhudurg	9m/200Kg	300		720 Nos

NOTE :

- The minimum requirement of poles per month for SINDHUDURG DISTRICT is shown in column No.5 above. Tenderer should be able to supply minimum 500 poles by Immediately within one month after placing of LOI. However, in case the tenderer has got adequate capacity to manufacture more poles than the above, the same will be considered limited to the maximum yearly requirement of poles as shown in the tender notice.
- It is envisaged that the supply of poles will be made from the factory to be established at a suitable location, well connected by road and having assured water and electricity supply.

E -TENDER SPECIFICATION NO. SE/SC/PSCPOLE/2023-24/T-11

FORM OF BANKER'S UNDERTAKING FOR SECURITY DEPOSIT

The Bank of hereby agree unequivocally and unconditionally to pay, at Kudal 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) Rupees 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 whatsoever and out liability here under 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.

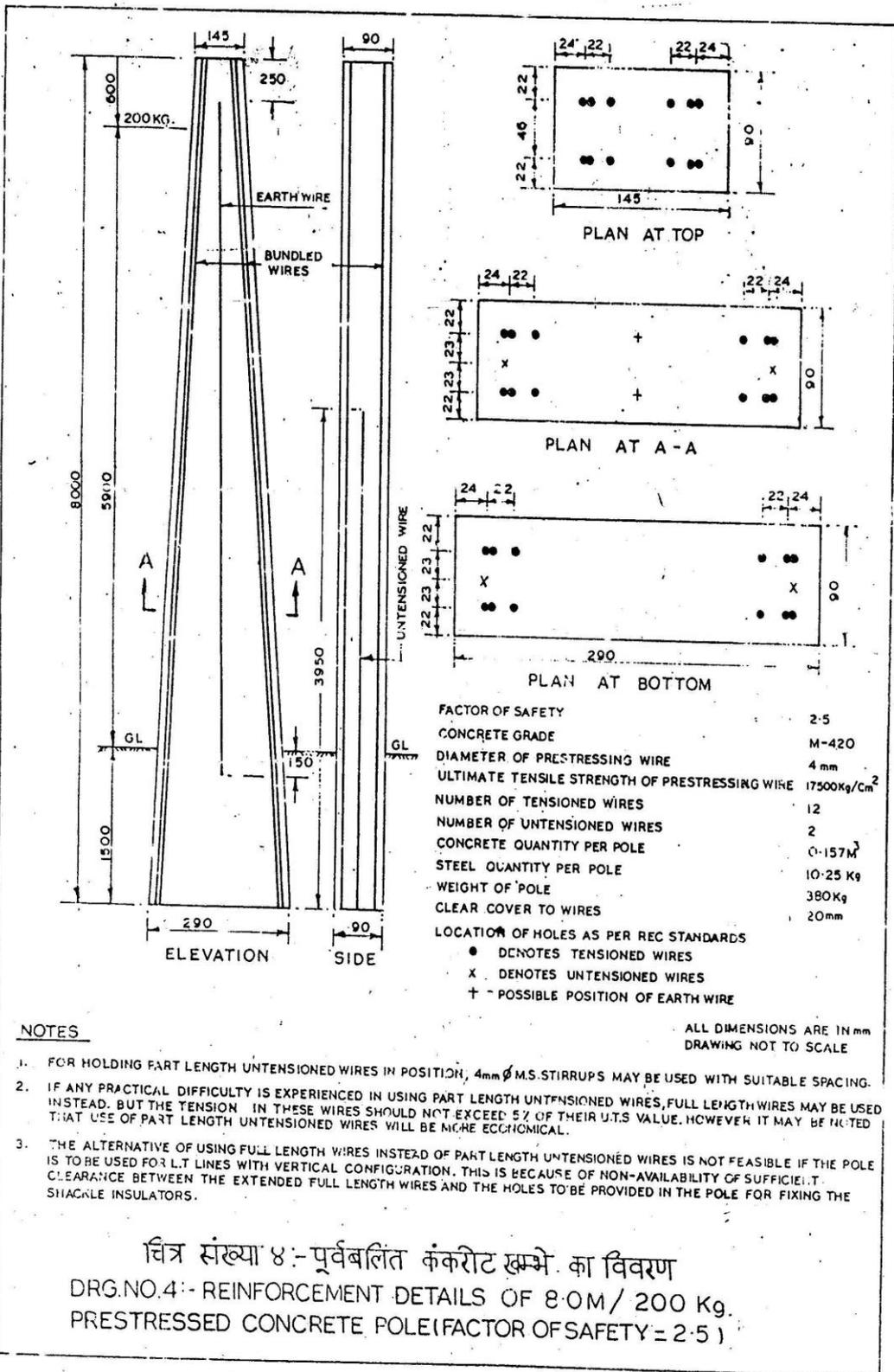
In case of any dispute arising out of or in connection with the extension or encashment of Bank Guarantee, the courts in Kudal will have jurisdiction.

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 filed 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 _____

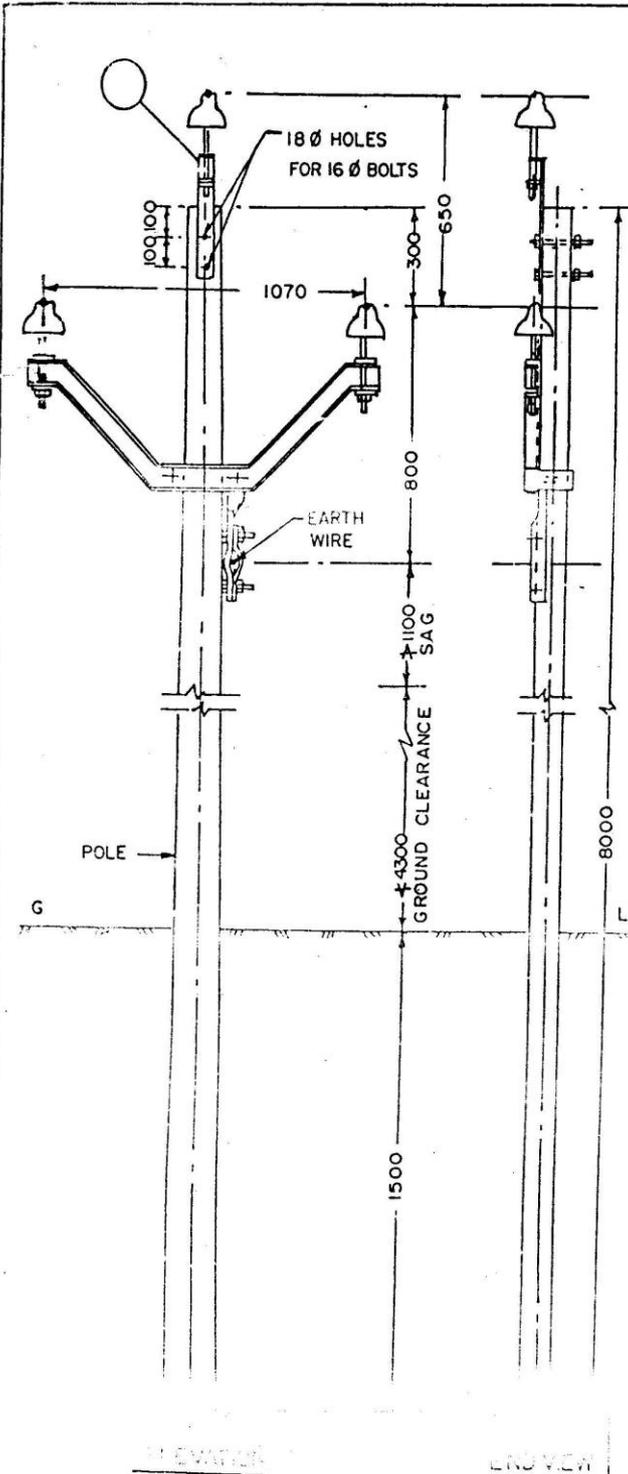
Please note that:

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 KUDAL BRANCH.
3. Please state the full and complete postal address of the Bank Undertaking the Guarantee.



चित्र संख्या ४ :- पूर्वबलित कंकरीट स्तम्भ का विवरण
 DRG.NO.4 :- REINFORCEMENT DETAILS OF 8.0M / 200 Kg.
 PRESTRESSED CONCRETE POLE (FACTOR OF SAFETY = 2.5)

REC
CONSTRUCTION STANDARD
A-5



BILL OF MATERIAL

8 M - SUPPORT	1
POLE TOP BRACKET	1
V-CROSS ARM	1
BACK CLAMP	1
BOLTS 16 Ø	4
11 KV PIN INSULATORS	3
11 KV PINS	3
POLE EARTHING	AS RECD.
EARTH WIRE CLAMP WITH BOLTS & NUTS	1

TANGENT LOCATION
MAXIMUM SPAN 107 METRES
CROSS COUNTRY

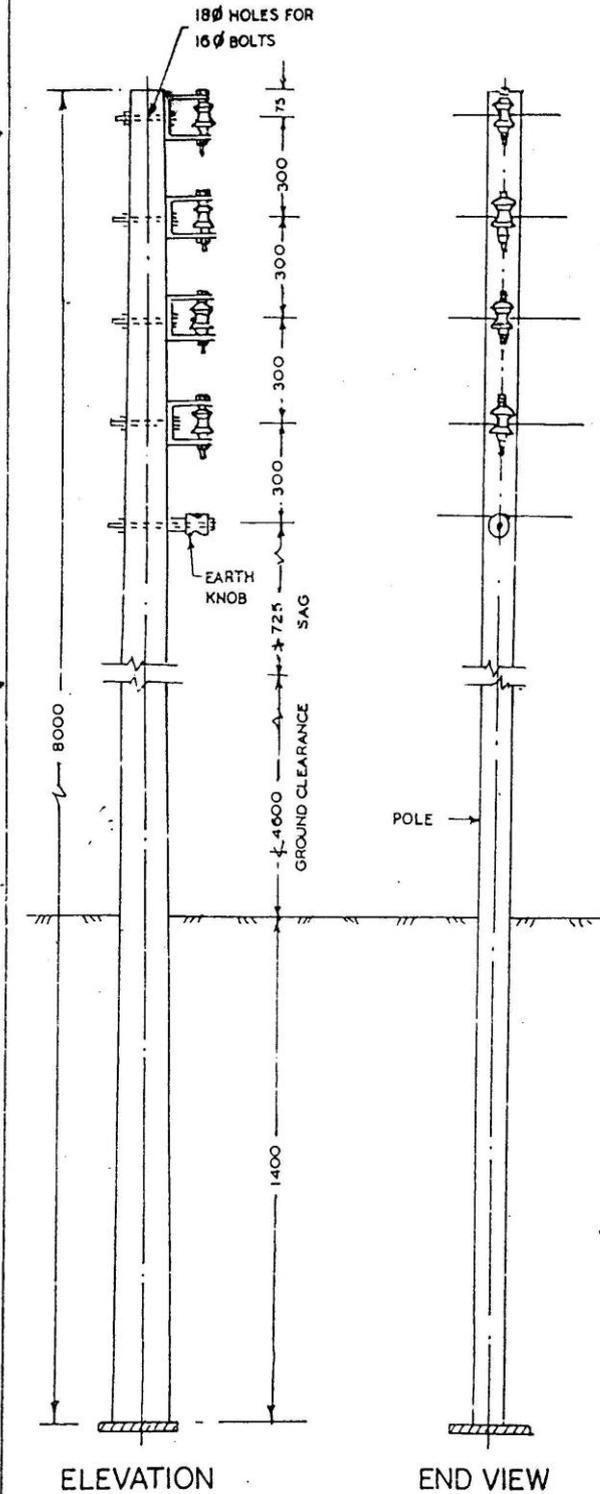
ALL DIMENSIONS ARE IN mm

11 KV LINES
SUPPORTS
WITH EARTH WIRE

NOTE :- 11 KV CONSTRUCTION WITHOUT CONTINUOUS EARTH WIRE
VIDE A-4 IS PREFERRED.

SCALE :- N.T.S | SEPT. - 1972

REC
CONSTRUCTION STANDARD
B-6



BILL OF MATERIAL

8M SUPPORT	1
U-CLAMPS	4
SHACKLE INSULATORS	4
EARTH KNOB	1
BOLTS 16 Ø	5

TANGENT LOCATION
MAXIMUM SPAN - 67 METRES

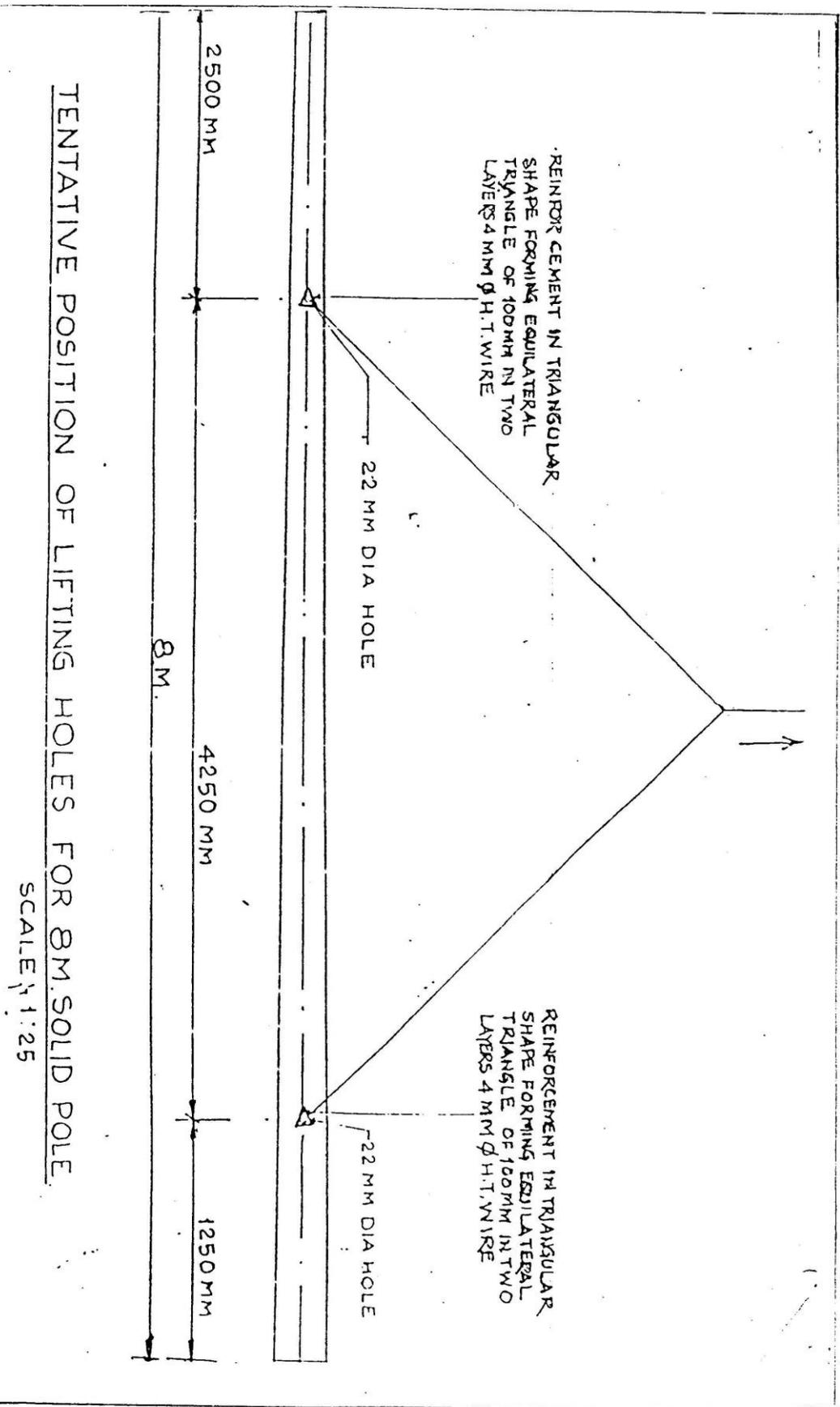
ALL DIMENSIONS ARE IN mm

४१५/२४० वी. लार्सन
आधार
खड़ी रचना

415/240V LINES
SUPPORTS
VERTICAL FORMATION

SCALE:- N.T.S

SEPT. - 1972



DRG. NO. -
S. 205
DATE: 1.6

LIST OF SERVICES

SR. NO.	SERVICE NAME	ACTIVITY NUMBER	UOM	SAC CODE	REQ. QTY	VERSION	MATERIAL TYPE
1	Serv for Providing stay insulator	PM.HTLC22.0 93	Number	995461	1		null

Required Documents (To be uploaded online)

Sr. No.	NAME	SECTION	ITEM	DESCRIPTION
1	price bid	Price Section	Serv for Providing stay	subit documents
2	Tchnical documents as per tender condition	Technical Section	Serv for Providing stay	submit documents
3	All comercial documents as per tender condition	Commercial Section		submit documents