

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

From:- The Executive Engineer

Name of Office:- 400 K.V.R.S.Dn. New Koyna

Office address:- A/p- Pimpali (Bk) , Tal-Chiplun, Dist: Ratnagiri - 415 604

Contact No:- 02355 (P) 230189 (O)230522

Email Id:- ee3140@mahatransco.in

Website: www.mahatransco.in.

GST No.- 27AAECM2936N1Z2

EE/400KV RS O&M/DN/KRD/T/No. 61

Date : 15 FEB 2022

Sub :- SRM-Enquiry for Providing & fixing of 200W LED Flood Lights & 100W LED Street lights at 400KV R.S.New Koyna switchyard including colony at 400KV R.S.New Koyna.

Ref :- RFX No. 7000022259

Dear Sir,

Please offer your best & reasonable rates in SRM system for the above subjected work as per Schedule 'A' attached h/w. You are requested to quote your reasonable rates with due consideration of the following points .

1. The bidder should fill the rates of various items as Ex-Works & Taxes, if any may be filled at respective Tax Field.
2. Rates should be valid at least for 120 days.
3. Quantity mentioned in the scheduled is approximate & subject to variations.
4. Approximately estimated cost is **limited upto Rs. 4,73,468/-** including all.
5. All other general terms & conditions of MSETCL work contract are applicable to this SRM -Enquiry.
6. EMD:- **Rs. 5,000/- (Rs. Five Thousand Only).**
7. SRM Enquiry Fees :-Rs.118/-(Rs.100+18% GST)
8. Details of time schedule of SRM – Enquiry are as under.

a.	Date of download of SRM-Enquiry documents.	From 15.02.2022 at 17.00 Hrs to 22.02.2022 upto 17.00 Hrs.
b.	Date & Time (Hrs.) for online submission of SRM enquiry Documents.	Upto closing Date i.e. 22.02.2022 upto 17.00 Hrs.
c.	Date & Time (Hrs.) for online opening of SRM enquiry Documents	a. Technical Bid :- 22.02.2022 at 17:30 Hrs. onwards; if possible.
		b. Commercial Bid :- 23.02.2022 at 11:00 Hrs onwards; if possible.

9. This offer reserves the right of rejecting the any or all of the online bids, without assigning any reason thereof.
10. This office will not be responsible for delay due to internet connectivity problem, corrupted file uploading/downloading i.e. Internet or website related problems.

• **TECHNICAL QUALIFYING REQUIREMENTS :**

Bidder should upload the following digitally scan copies of original documents/certificates online under technical bid.

1. Proof regarding filing of annual Income Tax Return for last three years .
2. Proof of GST Registration Certificate.
3. Valid Electrical Contractors License.
4. Valid Proof of Registration of Firm under Bombay Shop & Establishment Act/NOC from local Grampanchayat.
5. Valid Insurance of Labour OR Undertaking for Insurance.
6. Certificate of performance for work done with order copy for providing & fixing of 200W LED Flood Lights & 100W LED Street lights at 400/220KV Substation not below the rank of Ex. Engineer or equivalent.
7. Solvency Certificate from Schedule/Nationalized Bank not less than 25% value of the estimated cost of the tender within last 12 months.
8. Partnership deed or copy of Resolution of BOD if applicable.
9. List of technical persons, machinery & T&P, which will be used for tender works in question.
10. Turnover upto 60% of the estimated tender amount or net worth certificate upto 25% of estimated amount duly certified by chartered accountant.
11. Proof regarding submission of SRM Enquiry fee & EMD through online facility OR if any exemption is availed from payment of EMD on the basis of SSI/NSIC Certificate etc.,

Then obtained certificate from practicing Cost Accountant/Chartered Accountant stating that :

- i. The material/services required against present SRM enquiry are covered under said SSI/NSIC Certificate.
- ii. The turnover/manufacturing capacity has not exceeded the limit indicated in said SSI/NSIC Certificate as on the date of submission of the bid.

Please Note :- If required EMD is not paid OR both of the above certificates for exemption of EMD is not submitted then respective bid is straight away liable for rejection as per Corporate Office guidelines.

Thanking you,

Yours faithfully,

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**Executive Engineer (I/C)
400 KV R.S.(O&M) Dn. New Koyna**

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
INTER OFFICE COMMUNICATION

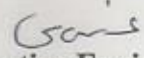
Sub:- Providing & fixing of 200W LED Flood Lights & 100W LED Street lights at 400KV R.S.New Koyna switchyard including colony at 400KV R.S.New Koyna.

Schedule 'A'

Sr. no.	Particulars	Unit	Qty	Rate per Qty	Amount
A	P&F of 200W LED flood lights in 400 KV & 220 KV Switchyard, Store office under 400 KV RS New Koyna	Nos	52		
B	P&F of 100W LED Street lights at 400KV Receiving Station New Koyna, MSETCL Administrative Building, MSETCL Residential Colony under 400 KV R.S New Koyna.	Nos	56		

NOTE :-

- 1) Quantity mentioned in Schedule 'A' are approximate quantities & may vary depending upon actual site requirement if any.
- 2) Known make will be preferred i.e. Philips/ Crompton/ Wipro etc.


Executive Engineer (I/C)
400 KV R.S.(O&M) Dn. New Koyna

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Product Specification

• **For 200W LED Flood Lights :**

Color Temperature	3000k-6500k
Operating Temperature	-20 to +60 Degree C
IP Rating	IP 65
Beam Angle	170 Degree
Input Voltage	140 - 270 V
Wattage	200 W
Material	Single piece Pressure Dia cast Aluminium housing with fins on housing.
Glass	Heat resistant.
Gasket	For Dust and Jet proofness.
Driver	Potter driver which can be easily replaceable.
LED lumens	>100 lumens/watt.

System efficiency > 90 lm/W

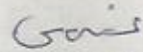
Power factor > 0.9

CRI > 0.85 %

The LED fixture should have seprate external surge protection in the housing of not less than 5 KV and internal surge protection of 4.5 KV inside the driver. Free from harmful rays i.e. UV etc.

• **For 100W LED Street lights:**

Wattage	100 W
Input Voltage	220-240 V
Luminous Flux	9500 lm
Colour Temperature	3000 K
IP Rating	IP65
Current	9.7 A
Lighting Color	Cool White
Lighting Type	LED
Driver Included	Yes
Power Factor	0.9 min
Luminaire Light Beam Spread	30 Deg x 80 Deg
Inrush Time	0.065 ms
Ambient Temperature	-40 to +45 Deg C
Material	Single piece Pressure Dia cast Aluminium housing with fins on housing.
Glass	Heat resistant.
Gasket	For Dust and Jet proofness.
Driver	Potter driver which can be easily replaceable.


Executive Engineer (I/C)
400 KV R.S Dn, New Koyna

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
INTER OFFICE COMMUNICATION**

ANNEXURE (W)

GENERAL TERMS AND CONDITIONS :

1) SCOPE OF THE WORK: -

The scope includes complete Work of Providing & fixing of 200W LED Flood Lights & 100W LED Street lights at 400KV R.S.New Koyna switchyard including colony at 400KV R.S.New Koyna. Tendered for by the Contractor and accepted by the competent Authority, duly authorized in that behalf by the company at rates and delivers to the place at or within the time specified and without any extra charges or expenses to the company whatsoever other than those mentioned in the accepted tender. Work should be done as per scope of work in Schedule "A". The complete work should be carrying out in presence of In-Charge of Concern Maintenance Sub-Division. The Agency should arrange to obtain the authorization of his Workers/ employees from the Electrical Inspector/ Competent Authority for Carrying out of subjected work.

2) VALIDITY OF TENDER: -

Tenders shall be open for acceptance by the company for a period of **120 days** from the date of opening of the tender and the tenderer shall be bound to so carry out the work on such acceptance within, this validity period dispatched on tenderers address. All the offers submitted against this tender shall be deemed to comply with the conditions unless otherwise agreed by the Company.

3) SUBMISSION OF TENDER: -

- 1) Being SRM E-tender which will be digitally signed by bidder's SRM E-tender signatory, the documents required as per pre-requisites' should be attested & uploaded in PDF only. Further it will be presumed that all SRM E-tender conditions that upload in this SRM E-tender are agreed by you; however the consent letter regarding acceptance of the tender terms & conditions should be submitted in the given format by you. The tenderer must quote his final rates (including all taxes & duties/charges) online through SRM e-tendering portal of MSETCL (<https://srmetender.mahatransco.in/>). Any variation, revision in the rates etc., will not be allowed on any grounds, such as mistake, misunderstanding, server problem, website problem etc., after the tender has been submitted. The tender rates must include all charges such as Labour charges and material cost wherever necessary. Tenderers are prohibited from making any additions or alterations, in the description of articles mentioned in the Schedule/tender documents. All the tenders must be submitted in this form online only through SRM E-tender portal and must be clearly filled in as per the online SRM E-tendering process.

Remarks:- The scanned copy of required documents is to be uploaded in Commercial Bid only in SRM E-tender portal wherever necessary.

- 4) **EARNEST MONEY DEPOSIT: -** Each Tenderer will be required to pay the earnest money deposit of **Rs.5,000/- (Rs. Five thousand only) by Online facility only**. If any exemption in the EMD the copy of the exemption letter must be uploaded along with the required documents by the bidder in PDF only. The earnest money deposit is liable to be forfeited under the following conditions: -

- a) In case the tender is withdrawn after the specified time/date of tender opening, but before expiry of the validity period.
- b) In case of the tenderer refuses to accept the order placed during the validity period.
- c) In case tenderer fails to pay the prescribed Security deposit against an order placed within the prescribed period.

The EMD should be paid through the On-Line facility only. No interest shall be allowed on the EMD in respect of unsuccessful tenders. The EMD will be returned as soon as the tender is finalized and upon the tenderer returning to the Company the receipt thereof duly discharged in favor of the Company. In case of successful tenderers the EMD will be adjusted against the Security Deposit on specific request by the tenderer if any.

5) INSURANCE: - The contractor shall obtain the insurance policy as Contractor's All Risk insurance (CAR) or Transit Cum Erection (TCE) Insurance or Erection All Risk (EAR) insurance for all the workmen engaged by him for this works at MSETCL sites. The policy should be drawn from local insurance company entrusted by Directors of Insurance, Government of Maharashtra i.e. M/s United India Insurance Co. Ltd, on co-insurance cum servicing basis in the ratio of 40:60 (i.e. the Government Insurance Fund @ 40% and United India Insurance @ 60%) which will be valid for 2 Years from the date of work order. Labor insurance against workman compensation act for the labors is required for the work.

6) ACCEPTANCE OF TENDERS: - The Company does not bind itself to accept the lowest or any tender neither will any reasons be assigned for rejection of any tender. It is also not binding on the Company to disclose any analysis report of tender.

7) DISCARDED TENDER CONDITIONS: - The Company reserves to itself the right to reject tender which does not confirm to any of the conditions.

8) SECURITY DEPOSIT: - Every tenderer whose tender is accepted either in whole or in part must deposit security amount within 7 days from the date of receipt of information, by way of Security for the due and proper fulfilment of his contract by D.D. or Cheque payable to the M.S.E.T.C.L. EHV O&M Circle, Karad. The Bank Guarantee of any nationalized Bank will be accepted against Security Deposit.
Security Deposit Payable at 5 % of the amount of the order.

In the event of Contractor, failing to deposit such security within the stipulated time limit, the Company shall have full discretion to cancel the acceptance communicated to the said tender subject to deductions, if any as per the terms of the contract the Security deposit will be returned after the successful completion of this contract of the work. No interest will be allowed on this deposit.

9) PRICE: - The rates quoted should be firm and price variation will not be applicable at any cost.

10) EXECUTION OF WORK: - In the event of the tender being accepted in the whole, the successful tenderer, hereafter referred to as the contractor shall execute order immediately as per the order Schedule within the time specified in the work order.

11) PENALTY FOR LATE EXECUTION OF THE WORK: - If the work is not completed as per the order Schedule in specified time, the contractor shall be liable to pay penalty as per MSETCL rules & regulation & decided by the Ex. Engineer at suitable rate considering the importance of the work & its period at 1% per day subject to a maximum of 10% of the value of the order whichever is more.

12) FAILURE IN EXECUTION OF WORK: - For failure to execute the work as per order Schedule's against the order in full, within the stipulated period, the company shall be at liberty without further notice or reminder to the contractor, to get the same work done on account of and at the risk of the contractor and to prefer a claim for a difference in price and for all expenses whatsoever incurred in getting the said work and same shall be recovered from any money due to the contractor from bills or deposits on any account with any MSETCL's offices. Such expenses will also include 15% supervision charges.

13) In case you fail to complete the work fully or partly, the balance work will be completed from other agency and difference in cost will be recovered from your bill and security deposit in this case will be forfeited to Company.

14) DEDUCTION:- Any amount of amounts which become payable by the contractor to the MSETCL under particular contract may be deducted by the purchaser from any amount/ amounts due or becoming due by him to the contract under the same or any other contract.

- 15) SAVE AND EXCEPT :** Amount / Amounts due on account of damage or compensation for default or breach of contract by the contractor in which case instead of deduction of the said amount/ amounts shall be retained and the purchaser shall have the right on amount/ amounts so retained or withheld.
- 16) ACCEPTANCE OF CONTRACT WORK:** - The work against the contract will be subject to the approval of the Office In-charge or any other officer deputed for the purpose.
- 17) SUBMISSION OF RA BILLS:** - The bills for the work as per Schedule 'A' should be submitted by you to undersigned in triplicate in the name of Ex. Engineer, 400 KV R.S. Dn. New Koyna. The M.B. recording of the bills will be done by the respective authority assign by the Ex. Engineer or his representative for the said work only after receipt of bills. After receipt of bills from the concerned authority, auditing will be done at Circle Office and payment will be effected accordingly subject to availability of funds and completed of SAP formalities. No advance payment will be granted against the contract.
- 18) GUARANTEE :** You will have to provide guarantee of the material as well as workmanship which you supplied must be for one year against manufacturing defect, poor performance & poor workmanship from the date of execution of the work. Also you will have to provide guarantee for workman ship from the date of completion of work.
- 19) CONDITIONS OF TENDER AND CONTRACT:** - The tender and order/contract placed against this specification shall be governed by the company's General condition of contract and the tenderer is deemed to be fully aware of these conditions and ignorance thereof shall not exempt him from his liability to abide by these conditions. The enclosed schedules, tender notice, tender form and instructions to the tenderers also form a part of these specifications.
- 20) DISPUTE:** - In case of any dispute whatsoever, regarding interpretation of the terms and conditions or quality / quantity etc: the decision of the Executive Engineer, MSETCL, 400 KV R.S.(O&M) Dn. New Koyna or his designated representative will be final and binding on the contractor at any cost. No any entertainment will be allowed.
- 21) AGREEMENT:-** The contractor will have to execute an Agreement Bond on Stamp Paper of **Rs.500/- (Rs. Five Hundred Only)** at his own cost if order is placed. If any amendments in the execution of agreement bond the same must be borne by the contractor.
- 22) WORKMEN COMPENSATION ACT AND CONTRACT LABOUR ACT:** - The provision made in various Acts in force such as Workmen Compensation Act and Contract Labour Act 1970 is obligatory on the Contractor while executing the work.
- 23) COMPENSATION:** - If any accident occurs to any of your worker/your Supervisor/or outsiders in carrying out the work, it will be on your own account. The Company will not be responsible for any/such accident/compensation payment etc. The tenderer should make the insurance of his employees during the contract by local authorized insurance Co. approved by MSETCL. **Labour Insurance as per MSETCL circular No.14419 Dtd. 07.11.2013. The MSETCL will not be responsible for any accident occurred during the working to your employees.** No any compensation will be given by MSETCL. Also during the working if any damages occurred with the property of MSETCL with your employees due to negligence the same must be recovered from your bill with the current market rates.
- 24) IDLE LABOUR HOURS:-** In case of suspension of work, or delay in work due to any reason or stay order of the Court of Law or due to natural calamities/outage problem, un availability of the concerned authority assign for supervision of the work by the Ex. Engineer no compensation will be paid by the Company for idle labours /idle machinery etc., during the contract period.
- 25) INCOME TAX & WORK CONTRACT TAX:** - Income tax & Work contract tax as per rules will be deducted from the contractor's bill. Your Income tax no. may be informed to this office.

26) **QUALITY OF WORK:** - Quality of work to be carried out should be strictly confirmed to our specification & confirming to IS Standard otherwise same will be rejected and contractor has to redone the same at his own cost and risk only.

27) **QUANTITY:-** The Quantity considered in Schedule " A" are subject vary as per site. The payment will be made for actual quantity of work done but within limit or the order value.

28) The work carried out by the contractor if found defective due to bad workmanship, that should be redone by contractor free of cost, if reported to him within guarantee period.

29) You are also deemed to be fully aware of the Company's general conditions of contract for work / supply of equipment / material and any ignorance of any of the conditions will not exempt you from your liability to abide by the same. The material should be used should be standard & as per original manufacturer.

30) The work should be strictly carried out under the supervision of respective authority assign by the Ex. Engineer or his representative for the said work. The work should be strictly carried out as per approved procedure and as per MSETCL standard procedure & as per the directives of concerned authority assign for the work. No any entertainment will be allowed in respect of change in the working procedure.

31) The prior permission from the respective authority assign by the Ex. Engineer or this representative is to be taken by the Contractor before starting the work.

31) The work should be strictly execute as per the Schedules enclosed and as per instructions of the concerned authority assign by the Ex. Engineer or this representative Engineer deputed for this work.

32) **COMPLETION PERIOD:** The time period for completion of work will be **1 year from the date of issue of actual order.** Hence contractor shall have to keep the record of the dates handing over of site countersigned by site in-charge or authorized representative of company.

33) The entire work should be guaranteed for one year from the date of work completion.

34) **JOINT INSPECTION REPORT:** You have to do Joint Inspection of site condition with the respective authority assign by the Exe. Engineer or this representative before starting the work & should be enclosed along with the bill.

35) **EXCEEDING THE CONTRACT VALUE:** - The contractor will have to watch and ensure that the total value of work carried out by him does not exceed the contract value. If the work / value of contract is likely to be exceeded the same should be brought to the notice of the undersigned in writing. If the value of the total work exceeds the order value in that case the contractor is not permitted to execute the work without prior permission from the undersigned.

36) **SUSPENSION/ HOLDING OF WORK:-** If the work has to be suspended due to any reason i.e. stay order from court of law, legal held up from any other Agency, shut down etc. the MSETCL shall not pay any compensation / damage to the contractor towards item like idle Labour, idle machinery, vehicles etc. In such cases the contractor is not liable for claiming extra payment. He will be paid for the actual work executed by him under the supervision and measured by concerned Executive Engineer. Also this office reserves the right to terminate the contract at any stage due to technical reasons or in the interest of MSETCL without assigning any reason thereof.

37) CONTRACTOR'S EMPLOYEES:

- 1 The contractor will have to employ and provide only such employees on the site who are skilled and experienced for execution and supervision of such work.
- 2 The contractor will have to arrange for necessary accommodations and transportation to his employees while on work.
- 3 The contractor shall ensure that his staff uses the requisite safety equipment.

- 4 The employees should be duly insured against any such eventuality.
- 5 No child Labour shall be employed.
- 6 The contractor shall be responsible for the proper behaviour of all the staff and others working under him and should exercise proper control over them.
- 7 The contractor should follow necessary safety precaution while working in the switchyard.

38) FIRST AID BOX:- The contractor should always keep & maintain "First Aid Box" for this work as safety measures.

39) OUTAGES:- Required Outages will be provided by MSETCL & will arranged by concerned S/Stn In-Charge.

40) APPLICABILITY OF GENERAL CONDITIONS OF CONTRACT: Notwithstanding anything stated herein, the Company General Terms and Conditions of Contract (Copy appended) shall be applicable to the contract, as far as they are applicable to this contract.

41) FORCE MAJEURE: Only the following conditions shall be considered for the purpose of this clause. Natural phenomena such as floods, draughts, earthquakes, epidemic etc. Act of any Government, domestic or foreign, such as war (declared or undeclared), priorities, guarantees, embargoes etc. The party affected Force Majeure' shall within 15 days of the occurrence of such a cause, notify & the Board in writing with sufficient documentary Proof.

42) TOOLS PLANTS AND MACHINERY:

The contractor shall have sufficient and adequate T&P with him the representative or authorized representative of the owner will verify the workability & availability of T&P owned by contractor. If the inadequacy is observed, contractor should comply all short falls and after written consent of EE/SE, he should start/commence the execution.

The Contractor shall bring his all constructional tools, plant and machinery for this work. Plant and machinery as are available with the Company may be made available at the discretion of the Executive Engineer to the contractor on payment of hire charges as fixed by the Company. Such hire charges will be recoverable from the contractor's R A bills and shall be charged for the period as stipulated in the anticipated rate.

No claim for compensation will be given by the Company for the delay caused to the works by the non-working of any machinery's tools and plants given to the, contractor by the Company. The contractor shall employ skilled mechanics for operation the equipment hired to him by the Company and shall return the equipment in the same running condition as it was when handed over to him. Any damage done to the equipment shall be made good by the contractor except normal wear and tear. No any crane/hydra, lifting equipments, manpower provided by us. You have to arrange all T&P, Labour, Crane & required allied equipments by yourself.

43) DAMAGE OF WORK: The works whether fully completed or incomplete, all the materials, machinery plants, tools temporary building, and other things connected there which shall remain at the risk and in the sole charge of the contractor until the completed work has been handed over to the Engineer-in-charge and till completion certificate has been obtained from the Engineer-in-charge. Until such handing over of the completed work, the contractor shall at his own cost take all precautions reasonably necessary to keep all the foresaid works, materials, machinery, plants, temporary, buildings and other things connected therewith, free from any loss or damage and in the event of the same or any part thereof being lost or damaged, he shall forthwith reinstate and make good such loss or damage, at his own cost.

44) Risk & Cost: In case the work is not executed partly or fully the balance work will be got carried out from some other agency even at the higher rate & difference in cost will be recovered from your pending bills with company or Security deposit will be forfeited in addition to above

45) STACKING OF MATERIALS: The material shall be stacked at approved places only without obstruction to other work and no any extra payment for the same paid by MSETCL.

46) DAMAGE TO THE PROPERTY OF MSETCL: The contractor should take due care while carrying out the work in the switch yard/ in the premises of the Sub-Stn. while executing the work. If any damage occurs to the property of MSETCL the same will be recovered with the current market rates from contractor.

47) JURISDICTION: - Disputes or difference arising out of in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction of Ratnagiri Court.

48) SITE CLEARANCE:- The contractor shall during the progress of work, keep the site reasonably free of all unnecessary obstructions and shall store the material nearby so as not to cause any obstruction for normal working / operations. Similarly on completion of the works the contractor shall clear away and remove from the site all surplus material, rubbish and temporary work of any kind. Site should be kept clean.

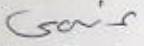
49) SUB LETTING OF CONTRACT:- The contract or any part thereof shall not be assigned, transferred, or sublet without the prior written permission of the undersigned. Even if such permission is granted, it shall be responsibility of the principal contractor to whom the work order was originally issued to execute the works as per the terms of the contract.

50) Sample of 100W and 200W LED is approved by Executive Engineer, EHV O&M Division, New Koyna before uploading Bid.

51) 1 % Labour Cess will be deducted from your Bill Amount as per Government Rule.

52) MSETCL reserves the right to rectify any error or typographical mistake.

The undersigned reserves the right to place the work order to one or more agencies by verifying the experience of the agency for such type of work partly or fully limited to tender value depending upon the situation. Also the undersigned reserve the right to amend/modify/cancel the work order at any stage in the interest of MSETCL without assigning any reason thereof.


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