
 <p>MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.</p>	<p align="center">MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO LTD CIN no. U40109MH2005SGC153646 Office of the EXECUTIVE ENGINEER EHV O&M DIVISION, Pimpri-Chinchwad Near 220 KV S/S Chinchwad Bijlinagar, Chinchwad, Pune – 411 033. Email ID :- ee61b0@mahatransco.in (CIN No. U40109MH2005SGC153646)</p>	
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No.: EE/PCDN/Pune/Tech./ 45

Date: 20.01.2025

To,

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Subject: - Enquiry for the work of Monkey patrolling of 220kV & 132kV EHV Lines Single Circuit/Double/Multi Circuit Towers under EHV Line Maintenance Sub-Division Pimpri Chinchwad under EHV O&M Division Pimpri Chinchwad, Pune.

Dear Sir,

Please quote your lowest rates in **two bid system** for above said work are to be invited from the reputed experienced/Registered contractor for the work as described in **Schedule 'A'** is enclosed herewith.

Terms & Conditions: -

1. Two bid systems should be followed for submitting the offer in the prescribed form i.e. Schedule 'A' duly filled in which the rates written in words & figures & signed should be sent by registered post or in person to the Office of Executive Engineer, Pimpri-Chinchwad Division, Pune **on or before 29.01.2025 up to 16:00 Hrs**
2. Please super scribe the offer with following details.
Quotation for : The work of Monkey patrolling of 220kV & 132kV EHV Lines Single Circuit/Double/Multi Circuit Towers under EHV Line Maintenance Sub-Division Pimpri Chinchwad under EHV O&M Division Pimpri Chinchwad, Pune
Due Date : =====
Name of Bidder :
3. The offer shall be valid for acceptance for a period of 90 days from the date of submission of quotation.
4. All the documents of this enquiry, Schedule 'A' & other accompanying documents shall bear the authorized signature of the Bidder, failing which the offer will be liable for rejection.

Two bid systems should be followed for submitting the offer.

A. Technical bid (Two bid system)

This should contain following documents/certificates as a proof of qualifying pre-requisites, brochures, attested certificates etc.

I]	STATUTORY LICENSES / REGISTRATION:-
1	The bidder or his Joint Venture partner should have a valid Electrical Contractor's License issued by the Government of Maharashtra for work of erection/commissioning of EHV equipment
2	The bidder should be registered under GST Act
3	The bidder shall submit the copy of PAN card along with bid.
4	The bidder shall submit the Technical specification of Drone camera.
II]	<u>TECHNICAL CRITERIA</u>
1	Bidder or his Joint Venture partner should have experience of similar work (means work The of either Monkey patrolling or drone Patrolling of EHV Lines Single Circuit/Double/Multi Circuit Towers) during last Seven (07) years from the scheduled date of Bid submission in MSETCL or any other power transmission utility in India. The bidder should submit the experience certificates for satisfactory completion of above-mentioned work duly signed by the officer not below the rank of Executive Engineer or equivalent along with work order copies as above
III]	FINANCIAL CRITERIA
1	A declaration to the effect that the Bidder does not anticipate change in his ownership during the proposed period of the work till successful completion of warranty period (If such a change is anticipated, the scope and effect thereof, shall be defined) shall be submitted with the offer.
2	Income Tax Returns: The Bidder shall submit the copy of Income Tax returns for the last three financial year (i.e. . FY 21-22, 22-23 & 23-24), from the last day of month previous to the one in which Tenders are invited.
	Note:- Notwithstanding anything stated above, the owner reserves the right to assess the bidder's capability and capacity to perform the work, should the circumstances warrant such an assessment in the overall interest of the owner and may reject the offer without assigning any reason.

Note: In case if any point is not applicable, then please attach the document (Specify on the Letter head of the agency as “Not Applicable”).

B. Commercial bid:-

1. Techno-commercial bid will be opened for all received bids. After verification of all documents /certificates submitted in technical bid for prequalification as mentioned above, if it is found that, the enquiry fulfills the desired prerequisites; the price bid (envelope) will be opened. If the same is not found to be meeting the prerequisite, the commercial bid shall not be opened. Enquiry with incomplete details or not submitted in prescribed enquiry form etc. are liable for rejection.
2. This office reserves all rights to reject any or all quotations/bid without assigning any reasons thereof.
3. The technical documents should be submitted in separate envelop as the technical bid & commercial/price bid should be submitted in separate envelope separately. **If validity of any license/certificate expires during order period, contractor will have to renew the same & submit the copy to this office. Payment will be affected for valid period only.**

(C). General Terms & Conditions

- 1 **AGREEMENT:** Within 07 days from the date of receipt of the LOI, the contractor shall enter into an agreement of Rs. 500.00/- with the MSETCL. The cost of stamp paper is to be borne by the contractor. After submission of agreement, the contractor will be called for scheduling the date of signing & execution of agreement in the office of Executive Engineer, EHV O & M Division Pimpri Chinchwad, Pune. Until the agreement is executed, the MSETCL will not be liable to pay, nor shall the contractor be entitled to claim amount due or payable under the contract. The necessary stamp duty for the agreement shall be borne by the contractor
- 2 **SECURITY DEPOSIT:-** The contractor will have to pay **Security Deposit of 10% of the work order value** within 7 days from the date of issue of LOI in the form of FDR/B.G of any Nationalized/ scheduled Bank in the favour of “MSETCL” at the office of The Executive Engineer, EHV O&M Dn Pimpri Chinchwad Pune, valid for one year or online payment NEFT/RTGS. If you fail to do so, the SD will be recovered from your first bill with interest i.e. 18% applicable. The Security deposit will be refunded only after satisfactory completion of the Guarantee period. Also, you will have to apply for refund of SD within 6 months after completion of guarantee period. If you fail to apply within stipulated period, the action as per CO’s rules will be taken
- 4 **PERIOD OF CONTRACT:** The contract for the period of 12 Months will be placed with the agency whose rates and offers are found suitable. **The undersigned however reserves the right to place the order for any shorter period and to terminate the order at any time if the services are not found satisfactory.**
- 5 **SUPERVISION OF WORK: -** The work should be carried out under the supervision of the AEE, Line Maintenance Sub-division, Pimpri Chinchwad. **The work should be executed as per instructions from the AEE, Line Maintenance Sub-division, Pimpri Chinchwad who will supervise the work. The work carried out without supervision will not be recorded and payment will not be released for such works which may please be noted.**
- 6 **SCOPE OF WORK: -**
 - a) Monkey patrolling should be carried out by Drone only.
 - b) Work of Monkey Patrolling of various EHV Lines should be carried out by authorized person only, as circuit is live while checking of conductor, earthwire, earthbond, hardware, jumper cones and its nut bolt Bird guards, tightness of nut bolt of tower, visually flashover, birdsheet. Checking of broken/contaminated/flashover disc insulators, split pin, sag if any etc. along with submission of report including soft copy of photos.
 - c) Agency should be taken Date & Time enabled Photos by Drone Camera.
 - d) Each picture should be clear & visible. Bloor Picture is liable to reject.
 - e) The complete work should be carrying out in presence of In-Charge of Line Maintenance S/Dn Pimpri Chinchwad or his representatives.
- 7 The prior permission from the concerned Engineer-in-charge is to be taken by the Contractor before starting the work.

- 8 **WORK COMPLETION PERIOD:** The work should be completed within 60 days from the date handing over of site as per instruction of Executive Engineer or Engineer Incharge.
- 9 **VALIDITY:** validity of the order is upto one year from the date of issue of order or exhaust of order amount whichever is earlier.
- 10 **MONKEY PETROLLING REPORT:** The monkey patrolling report should be submitted in format as per Schedule B. Along with the two sets of patrolling reports of each line as per attachment, there should be minimum **8 Nos. of digital photos of S/c towers, 12 Nos. for D/c towers and 14 Nos. on M/c towers** showing the details of all insulator strings, conductor Hardware's, stub conditions, Earth wire hardware's, details of it. Abstract of monkey patrolling shortfalls of each line should be prepared in format in a separate Excel sheet as per Schedule B. All such photos should be compiled tower and line wise and to be submitted in suitable size hard disc only to the AEE, Line Maintenance Sub-division, Pimpri Chinchwad.

If monkey patrolling report submitted found incomplete that should be resubmitted by bidder at free of cost immediately or otherwise same will be deducted from your bill/S.D.

- 11 **GUARANTEE:** The work done should be guaranteed for the period of 6 months from date of completion of work/handing over back to MSETCL. During this period, if any defects observed in photographs in respect of visibility & clarity, the same should be reattended by you with free of cost.
- 12 **QUALITY OF WORK:** The contractor will be responsible for quality of work & workmanship. The contractor should provide all photographs in hard disc and detailed analysis reports should be submitted as per Schedule "B" after completion of work. The photographs clarity should be maintained.
- 13 **PERMISSION/LICENSE:** The permission/License from Police and Central/State Government authority i.e. DGCA (Directorate General of Civil Aviation) for use of drone camera should be obtained wherever required.
- 14 **VARIATION IN QUANTITIES OF WORK:** The work will be generally carried out in accordance with the instructions given at site. The Executive Engineer, Pimpri-Chinchwad Division or his representative reserves right to increase or decrease the quantities of work to be executed or deleted or add any items, part or whole thereof. *The payment will be done for the actual quantity of work done*
- 15 **FAILURE OF EXECUTION OF THE WORK:** For failure to execute the work as per given Schedule "A" against the order in part or 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 & cost of the contractor and claim for the difference in price and for all expense whatsoever incurred in getting the said work done and the same shall be recovered from any payment due to the Contractor from bills or deposit or on any account with any MSETCL's Offices, such expenses will also include 15% Supervision charges & Security Deposit will be forfeited.
- 16 **PENALTY:**
- a. **Performance of work:** If it is found that performance of work is unsatisfactory, or not as per norms of MSETCL, the contract is liable for termination at any stage of work without giving any prior notice and at contractor's entire risk & cost. The security deposit paid by

the contractor shall be forfeited in that case.

b. Delay in execution of work: In case of delay in execution of work beyond work completion period, penalty @ ½ % per delayed week, maximum to 10% of order amount shall be levied on contract value. If the work is not carried out in the stipulated period, the works will be got done departmentally or through any other agency at your risk and cost even at higher rates, in addition to the penalty that shall be chargeable as mentioned above.

c. Penalty for partly completion of work: In case the contractor fail to complete the work entrusted, partly or fully, the balance work will be carried out through other agency and difference in cost will be recovered from contractor's bill and S.D. & the over & above balance shall be recovered from contractor or else penalty will be charged, **maximum** up to 10 % of order value whichever is higher.

d. To impose penalty in above (a), (b) & (c) case, for execution of work is discretion Engineer Incharge of Line Maintenance Sub Division under EHV O&M Division, Pimpri Chinchwad with due justification.

17 VARIATION IN ORDER AMOUNT DUE TO VARIATION IN TAXES :-

In case any existing GST or duties are enhanced or any tax or duty is newly introduced by Govt. Applicable for this work with effect from the next day of first working day of the calendar month just previous to the month of due date of submission of the bid and if the contractor is required to pay additional amount towards this tax or duty then the MSETCL shall reimburse the contractor, at actual, the additional tax or duty so paid by the contractor against submission by the contractor of documentary evidence to the satisfaction of the Owner. The breakup of prices & percentage of taxes and duties considered for quoting is to be given in a separate schedule other than price schedule.

The above provision is applicable for any reduction in duty or tax from the next day of the first working day of the calendar month just previous to the month of due date of submission of the bid. Accordingly the contractor shall pass on the benefit due to reduction in duties and GST etc. to the Purchaser.

If any statutory variation regarding enhancement of existing tax or duty or introduction of a new tax or duty applicable for this work takes place in the extended period of contract, no claim for additional cost due to statutory variation shall be entertained by the Owner.

18 SUBMISSION OF BILLS / PAYMENT OF BILLS: The tax invoice/ if applicable E-Invoice along with Guarantee/ warrantee Certificat and monkey patrolling report signed by both parties & advance revenue stamp receipt should be submitted in triplicate to the AdEE, Line maintenance Sub Dn., Pimpri Chinchwad. Please quote PAN No. on the bill with bank details for RTGS/ NEFT Payment. The service entry of the bills will be done by concerned incharge in SAP. Scrutinizing & auditing will be done at Division Office. Payment will be effected within reasonable time & as per availability of funds at Division Office.

19 RISK & COST: - MSETCL does not take any risk and will not pay any compensation for fatal/ non-fatal accidents to persons deployed by the contractor for the work, while carrying out the work under contract nor anything will be paid towards damages to the contractor vehicle/T&P etc. If any accident occurs to any of worker/ Supervisor/or outsiders during the work, the same will be on the contractor's account & if any expenditure is done towards medical aid that can be recovered from the contractor bill. MSETCL will not be responsible

for such accident/ compensation payment etc.

The works whether fully completed or incomplete, all the materials, machinery, T&P temporary building, and other things connected therein 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 risk & cost take all precautions reasonably necessary to keep all the aforesaid works and other things connected therewith, free from any loss or damage. In the event of the same or any part thereof being lost or damaged, he shall reinstate and make good such loss or damage, at his own cost & risk.

- 20 **INSURANCE AND PAYMENT OF CONTRACTOR PERSONNEL:** Personnel employed by the contractor for execution of this contract shall be under Workmen's Compensation Act as required under the relevant provisions of the Contract (Labour/ Regulation and Abolition) Act 1979. It is whole responsibility of the contractor.
- 21 **SAFETY:** The contractor should ensure the safety of all the workmen, materials and equipment at work site. The contractor will be responsible for providing of all safety notices and safety equipment required. M.S.E.T.C.L will not be responsible for any accident or damages thereof due to contractor's worker's negligence on non-observance of our instructions. The contractor has to bear the compensation to their worker's in case of any accident.
- 22 **IDLE LABOR HOURS:** In case of suspension of work, or delay in work, non-sanction of outage due to any reason or stay order of the Court of Law no compensation will be paid by the Company for idle labors /idle machinery etc., for that period.
- 23 Any breakage/damage occurred to MSETCL material/ Equipment / theft of material if any, asset during the work shall be recovered from the contractor bills as per rules.
- 24 The contractor will not be entitled to claim any interest on amount payable to them
- 25 **LOSS OF MATERIAL:** The contractor will have to keep their material in their safe custody. MSETCL will not be responsible for the loss of the material kept at MSETCL's site. The accommodation for the contractor's staff shall not be provided by the MSETCL.
- 26 **TOOLS AND PLANTS:** All kinds of Tools, plants, Tackles and machines etc., are to be arranged by the contractor at their cost. Company will not spare anything on this account.
- 27 **HOUSING & ACCOMMODATION:** The contractor will have to make their own arrangement for the housing of their staff and labours
- 28 **SITE CLEARANCE:** The contractor should, during the progress of work, keep the site reasonably free of all unnecessary obstruction and shall store the material neatly so as not to cause any obstruction for normal working / operations.
- 29 In case of any conflicting instructions or any difference of opinion about any point or in case of any dispute about this tender specification/contract/ work order for interpretation of any of the clause/terms conditions of this contract, the decision of the Executive Engineer, EHV O&M Dn Pimpri Chinchwad Pune about the interpretation of any terms and conditions will be final and binding on the contractor.
- 30 **TERMINATION OF CONTRACT:-** The undersigned reserves the right to accept or reject the tender in part or full. The undersigned reserves the right to terminate the contract at any time during the contract period by giving appropriate notice of 7 days without assigning any reasons, if it is found that the contractor is not able to cope up with or discharge duties

satisfactory/or not able to execute the work as per the order conditions. The discretion of the contract operating authority shall be final & binding on the contractor.

- 31 **TAXES:-** Income Tax & all other applicable taxes will be deduced as per prevailing rates from the contractor's bill, as per rule, if applicable. GST Number should be mentioned on the bill.
- 32 **HINDRANCE OF WORK:-** If the work has to be suspended due to any reason, shut down etc., the MSETCL shall not pay any compensation/ damage to the contractor towards items like labor, idle machinery, vehicle etc. however in such cases the contractor will be paid for the actual work executed by them under the supervision & measured by concerned engineer.
- 33 **SUB- LETTING OF CONTRACT:** The contract or any part thereof shall not be assigned, transferred, or sublet.
- 34 **FORCE MAJEURE:** Only the following conditions shall be considered for the purpose of this clause.
- a) Natural Phenomenon such as floods, Draughts, Earthquakes, Epidemics etc.
 - b) Acts of any Government, Domestic or Foreign such as war (declared or undeclared) Priorities, Guarantees Embargoes etc.
 - c) The party affected by 'Force Measure' shall within 15 days of the occurrence of such a cause, notify the MSETCL in writing with sufficient documentary proof.
 - d) Non availing/ non approving of outage due to system constraints
- 35 **APPLICABILITY OF GENERAL CONDITIONS OF CONTRACT:** All other Standard Terms and conditions prescribed by M.S.E.T.C.L., regarding supply and work, which are not stated here, are also applicable to this contract.
- 36 **JURISDICTION:** All disputes or differences arising under out of or in connection with this contract, if concluded, shall be subject to exclusive jurisdiction of PUNE Court only.
- 37 **ACCEPTANCE OF TENDERS:** The Company does not bind itself to accept the lowest or any tender neither will any reason be assigned for the rejection of any tender.

Yours faithfully,

Sd/-

Executive Engineer
EHV O & M Division, Pimpri Chinchwad

Copy to:

1. The Dy. Manager (F&A), Dn Pimpari-Chinchwad, Pune.
Notice Board

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
EHV O & M Division, Pimpri Chinchwad, Pune
(CIN:U40109MH2005SGC153646)

SCHEDULE "A"

Enquiry for the work of Monkey patrolling of 220kV & 132kV EHV Lines Single Circuit/Double/Multi Circuit Towers under EHV Line Maintenance Sub-Division Pimpri Chichwad under EHV O&M Division Pimpri Chichwad, Pune.

Sr.No.	Name of Item	Unit	Qty	Rate including Cess	Amount
(A) Service Portion					
1	Monkey Patrolling of 220/132kV Single Circuit Tower	Nos.	69	383.80	26482.2
2	Monkey Patrolling of 220/132kV Double Circuit Tower	Nos.	614	383.35	235376.9
3	Monkey Patrolling of 220/132kV Multi Circuit Tower	Nos.	46	767.60	35309.6
				Sub-Total	2,97,168.7
				18% GST	53,490.37
Total Estimated Amount including GST					3,50,659.07
Rs. Three Lakhs Fifty Thousand Six Hundred Fifty Nine Only (including all taxes)					

Note:

1. The measurement will be recorded as per actual execution of work.
2. The quantity / location may vary as per requirement.

The contractors have to quote above/below/At par in % in respect of above Estimated Amount.

The contractor should not quote above/below/At par of individual items, such Price bid will be rejected.

1. -----% Below (In words -----) of the above total estimated cost.
2. ----- At Par (In words -----) of the above total estimated cost.
3. -----% Above (In word-----) of the above total estimated cost.

Dated Signature of Contractor with Seal

Name -----

Address-----

Sd/-
Executive Engineer
EHV O & M Division, Pimpri Chinchwad
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EHV O & M Division, Pimpri Chinchwad, Pune
SCHEDULE “B”

FORMAT OF REPORTING OF MONKEY PATROLLING

Maharashtra State Electricity Transmission Co. Ltd. EHV O&M DIV-Pimpri Chinchwad, Pune-33.				
Detailed Monkey Patrolling Report				
Name of Line:				
Tower Location No./GPS coordinates				
Date of patrolling:				
Sr. No.	Particulars	Tower Numbers		
		No./Type(SP,CP)	No./Type(SP,CP)	No./Type(SP,CP)
1	Tower Particulars			
2	Tower Leg			
3	Tower Nut Bolts			
4	Tower Members			
5	Tower Nut Bolts Tack welding			
6	Tower Number Plate			
7	Tower Phase Plate			
8	Danger Board			
9	Step Bolt(Qty/missing qty)			
10	Barbed Wire			
11	Retaining Wall(Existing/new req.)			
12	Bird Guard/Conical Type/Flight divertor)			
13	Bird Guard/Saw Type			
14	Tower Chimney(In soil/broken)			
15	Porcelain(Long Rod/Polymer/Porcelain)			
16	Broken Porcelain			
17	Flashover			
18	Bird Shit(Light/heavy)			
19	Damaged Polymer/Disc/longrod			
20	Suspension/ Tension Clamps,nutbolts			
21	Dust on Insulators(light/heavy/moderate)			
22	Crack/Broken Porcelain/polymer			
23	Weak/Poor Porcelain/polymer			
24	Conductors/Connectors/nutbolts			
25	Tower Painting			
26	Rusted Tower up to cross Arm			
27	Ferrul			
28	Armouring			

29	Conductor Vibration Damper status(Bend/Normal)			
30	Conductor Jumper Nut Bolts(Rusted/Burnt)			
31	Mid Span Joint			
32	Conductor Damage(broken/swell)			
33	Earth Wire/OPGW			
34	Earth Wire Vibration Damper(Bend/normal)			
35	Earth Wire Jumper Nut Bolts			
36	Earth Bond			
37	Locality(Urban/Rural/Agri/Forest)			
38	Trees (within ROW/Below line)			
39	HT Line Crossing (Names of feeders)			
40	LT Line Crossing(Names of lines)			
41	River/Lake Crossing(Name of river/lake)			
42	Road/Railway Crossing(Name of route)			
43	Ground Clearance			
44	Encroachment near tower/line			
45	Hardware(STN/DTN/SSN/DSN As the case may be)			
46	Porcelain/polymer/longrod Strings (single/double as the case may be)			
47	Arcing Horn/Corona Ring(Damaged/Rusted,broken arch)			
48	Tower Leg Earthing(Pipe/counterpoise/single/double)			
	A			
	B			
	C			
	D			

MSETCL

Agency

**Addl EE,
Line Sub dn,PCDN**

**Site Supervisor
Name of
Employee**

(Deepak D. Madane)
**Executive Engineer
Pimpri Chinchwad Division, Pune**