

M.S.E.T.Co. Ltd, 132 kV, Navives S/Stn. Premises Old mill
Compound, Solapur-413001

E-Mail: ee6630@mahatransco.in
eeconst3spl@gmail.com

PHONE & FAX NO. (0217) 2320181/2320141

No. EE/EHV/PD-III/Solapur/236

Date:-27/02/2018

E-ENQUIRY

Sub:- E-enquiry for supply of vibration damper suitable for 0.4ACSR Zebra conductor for 220 kV Bale-PGCIL line.

Sealed and superscripted quotations are invited for the work as detailed below with subject to following terms & conditions.

TERMS & CONDITIONS:

- 1) The rate should be quoted on firm quotations basis.
- 2) The rate should be provided as per schedule "A" format as enclosed with clear bifurcations of taxes.
- 3) The Total work amount should be limited to 2 Lakhs Rupees only including taxes.
- 4) Your sealed quotations should reach this office on or before up to **Dt.-07/03/2018.**

Quotation shall be sent under sealed cover duly subscribed as our Enquiry No & Quotation for "**E-enquiry for supply of vibration damper suitable for 0.4ACSR Zebra conductor for 220 kV Bale-PGCIL line**" in block letters.

- 1) The service provider should provide work experience certificate.
- 2) The offer shall be valid for acceptance for the period of **3** months from the date of submission.
- 3) The entire work as per the scope in schedule "A" is to be completed within a period of **15** days from the placement of work order.
- 4) All the documents i.e. PAN card, GST registration, etc. and other accompanying documents like Shop Act, Electrical Contractor License shall bear the authorized signature of agency, failing which the offer will be liable for rejection.
- 5) The material shall be guaranteed for a period of **One year (01 Year)** from the date of supply. If any defect is observed during guarantee period the same will have to be replaced / attended free of cost or as specified by manufacturer whichever is higher.
- 6) If contractor fails to execute the order, it will be treated as breach of contract & contract will be terminated & order will be cancelled by forfeiting the Security Deposit.

- 7) The material supplied for this work must be in line with MSETCL specifications & its inspection should be arranged by you before fixing it on site.
- 8) **Engineer in charge:** The Additional Executive Engineer, EHV Lines Projects Subdivision, MSETCL, Solapur shall be the Engineer-in-charge for execution of this work
- 9) Material should be supplied at site. Transportation should be arranged by agency at their cost. No T&P or labour will be provided by the MSETCL.
- 10) Accident & loss: If any accident is occurred to your staff during the execution of work, the whole responsibility lies on you. Also if any loss is occurred during the work to the MSETCL's property, the whole cost of equipments will be recovered from your bills or anywhere pending with MSETCL.
- 11) Jurisdiction of court: In case of dispute if any, legal jurisdiction of the Court shall be in Solapur only.
- 12) Manufacturer of material should be approved vendor of MSETCL.
- 13) Material should fulfill following technical particulars:-
 - a) Clamp of vibration damper shall be made of aluminum alloy
Clamp should be capable of supporting the damper during installation and prevent damage or chafing of the conductor during erection or operations.
 - b) Messenger cable shall be made of high tensile strength steel wire with minimum strength of 135Kg/Sqmm. Damper mass shall be made of cast iron, hot deep galvanized or a permanent mould cast zinc alloy
 - c) Vibration analysis of the system, with and without damper, dynamic characteristic of the damper shall be submitted by the bidder along with the bid
- 14) Testing criteria :-
 - A) Type test :-**
Visual examination, verification of dimensions, mass pull off test, magnetic power lost test, clamp slip test, clamp bolt torque test, resonance frequency test, fatigue test, galvanising test, Dynamic characteristic test, vibration analysis test should be as per IS : 9708 standard.
 - B) Acceptance test :-**
Visual examination, verification of dimensions, mass pull off test, fatigue test, clamp slip test, resonance frequency test, galvanising test should be as per IS : 9708 standard.
- 15) Guaranty technical particulars should be submitted as per enclosed format.
- 16) The undersigned has reserved the right to modify or cancel the order at any stage without assigning any reason thereof and without any liability on MSETCL.

Thanking You,

Sd/-
(S. K. Gade)
Executive Engineer
EHV Proj. Div-III, Solapur

Encl:- Schedule A & Guaranty technical particulars format

Copy s.w.rs.to:- 1) The Superintending Engineer, EHV Projects Circle, Pune -
Copy to :- 1) The Manager (F&A), Proj. Div-III, Solapur
2) The Addl. Executive Engineer EHV line Proj. S/Dn, Solapur.

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
EHV PROJECTS DIVISION-III, SOLAPUR.

Schedule A

Sr. No	Perticulars	Qty.	Rate per unit	GST %	Amount
1	Vibration damper suitable for 0.4ACSR Zebra conductor	276.00			
Total Rs					

Sd/-
(S. K. Gade)
Executive Engineer
EHV Proj. Div-III, Solapur

GURANTEED TECHNICAL PERTICULARS FOR 0.4 ACSR ZEBRA CONDUCTOR

Manufacturer's Name and address :-

Identification mark :-

Sr. No	Particulars	Guaranteed value
1	Type	
2	Material, Grade and standard of a) Clamp b) Messenger cable c) Weight (Damper mass)	
3	Weight of damper mass	
4	Total weight of damper	
5	Slip strength of clamp a) Before fatigue b) After fatigue	
6	Maximum possible dynamic strain on the conductor with damper	
7	Resonance frequency	
8	Mass pull off load	
9	Magnetic power loss at 800 Amps	
10	Standard specification to which galvanizing confirm	