
 <p>MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.</p>	<p align="center">MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. (Government of Maharashtra U/T) CIN No. U40109MH2005SGC153646 From: Name of Office: EXECUTIVE ENGINEER, EHV PROJECT DIVISION-II, PUNE Office Address: Administrative Building, 1st Floor, 925, Kasba Peth, Pune – 411 011 Contact No.: FAX NO. (020) 245 70 525 & \ PHONE NO. (020) 245 70 676 E-Mail Id : ee6620@mahatransco.in</p>	
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Ref.No.EE/EHV/Project/DN-II/PN/190

Date : 24.02.2025

E-ENQUIRY EXTENSION-I NOTICE

Subject: Extension in due date for E-enquiry in r/o Calling budgetary offers in r/o Supply, Installation and commissioning of Transformer Monitoring System & Control for substation project under EHV Projects Division-II, Pune.


Reference: EE/EHV/Project/DN-II/PN/159 Dt.13.02.2025

The due date for submission bids for following E-Enquiry has been extended, concern may please be noted.

Enquiry No. & Description of Work	Extended due date for submission of Quotations
<p>EE/EHV/Project/DN-II/PN/159 Dt.13.02.2025 E-E-enquiry in r/o calling budgetary offer for Supply, Installation and commissioning of Transformer Monitoring System & Control for substation project under EHV Projects Division-II, Pune.</p>	<p align="center">24.02.2025 to 03.03.2025 up to 18:15 Hrs.</p>

Other Terms & Conditions of above E-Enquiry remain unchanged.

Sd/-
(Abhijeet Kahalekar)
Executive Engineer
EHV Project Division-II, Pune.

 <p>MAHATRANSCO Maharashtra State Electricity Transmission Co. Ltd.</p>	<p>MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD. (Government of Maharashtra U/T) CIN No. U40109MH2005SGC153646 From: Name of Office: EXECUTIVE ENGINEER, EHV PROJECT DIVISION-II, PUNE Office Address: Administrative Building, 1st Floor, 925, Kasba Peth, Pune – 411 011 Contact No.: FAX NO. (020) 245 70 525 & \ PHONE NO. (020) 245 70 676 E-Mail Id : ee6620@mahatransco.in</p>	
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Ref.No.EE/EHV/PROJ/DN-II/PN/T/159

Date: 13.02.2025

TO WHOM SO EVER IT MAY CONCERN

Subject:-Calling budgetary offers in r/o Supply, Installation and commissioning of Transformer Monitoring System & Control for substation project under EHV Projects Division-II, Pune.

The budgetary offers through e-mail are hereby invited for the above work as per Schedule 'A' mentioned below:

Sr. No.	Particulars	Unit	Quantity	Ex Rate	GST	Unit Rate
	Supply part					
1	<p>TAMS IEC 61850 protocol handling software with necessary customization as per S/s requirement – This software collects data from various IED installed in the field near T/F and process it as per S/s. requirement and it provides easy to use graphical user interface for substation operating staff. Software should support scalability.</p>	Nos	1 Nos. for Multiple T/F/ICT			
2	<p>TAP Changer Controller cum Transformer Monitoring Unit (TF IED) – This device collects the data from Fan Control Cubicle and On Load Tap Changer Drive Mechanism and applies the necessary interlocks and logic and process the data and forward it to TAMS software installed in the control room. Usually one IED installed per T/F. This IED should be capable of accepting inputs such as 4-20 ma, RS48S Comm. And it should work on 220VDC/110VDC/48VDC whichever available at S/s. And this communicates on 61850 protocols.</p>	Nos	1 Nos Each T/F/ICT			

3	<p>PT IED –</p> <p>This device used for configuration of LV PT with TAMS for Automatic Voltage Regulation purpose.</p>	Nos	1 Nos. for Multiple T/F/ICT			
4	<p>Terminal Board –</p> <p>This IP 55 rated panel with necessary stand of almost 4 feet height installed near each T/F in the field and grounded using cement in the field. IED and necessary devices installed in this panel. As it occupies one of the important device i.e. IED, this should follow all the standards of panel to be installed in harsh environment.</p>	Nos	1 Nos. for each T/F/ICT			
5	<p>Industrial Grade PC along with Standard Kiosk in the Control Room –</p> <p>Industrial grade PC used as it runs important TAMS software and standard industrial grade PC used for this project as it runs 24X7 and used for monitoring and controlling various parameters of T/F auxiliaries, this should be enclosed in KIOSK as per MSETCL standards.</p>	Nos	1 Nos. for Multiple T/F/ICT			
6	<p>Armoured Fiber Optic Cable –</p> <p>Fiber optic cable drawn from each IED installed in the field to control room accompanied by ring topology to achieve maximum uptime of TAMS. As this runs throughout the cable trench of the substation it is recommended to use armoured fiber optic along with HDPE pipe for safety from rodents throughout the trench length.</p>	kM	kM			
7	<p>12C x 2.5 sqmm Copper, Armoured</p> <p>Copper Cable for configuration of FCC/OLTC with TAMS IED.</p>	kM	kM			
8	<p>4C x 2.5 sqmm Copper, Armoured</p> <p>(Copper Cable for configuration of FCC/OLTC with TAMS IED).</p>	kM	kM			

9	FO Joint Box - As IED gives communication O/P in Ethernet/ FO Patch cords, LIU and convertor to be installed for conversion of Ethernet / FO Patch. Cords to armoured FO in the field and same needs to be reversed in the control room to establish necessary communication. Each T/F will require 2 Joint box, one in field and one in control room	Nos.	1 Nos. Required for Multiple T/F/ICT			
10	Managed Ethernet Switch – Managed Ethernet switch will be used to build communication infrastructure.	Nos	1 Nos. Required for Multiple T/F/ICT			
Erection Part						
1.	Installation & Configuration of TAMS on each T/F or ICT	Nos	1 Nos. for each T/F/ICT			

Note: Rate shall be valid for 60 days from the date of submission of offer.

You are requested to quote your best reasonable rate for the above work. The terms & Conditions are as follows:

Terms & Condition:

1. The rate should be quoted on firm quotation basis.
2. The rates should be exclusive of all taxes. Taxes should be quoted extra.
3. Quantity may be vary as per actual.
4. Standard BOQ vide ltr. No.: MSETCL/CO/CE (ACI&P)/KE/TAMS/No/473 dt 12.07.2024 is attached herewith Please ensure that the rates you provide comply with the specifications outlined in the mentioned document.
5. Bidder should be the approved for the subject product.
6. Technical specification of TAMS along with necessary test as per IEC standard.
7. You are requested to submit your best reasonable budgetary offer as per Schedule 'A' for above works on **E-mail id ee6620@mahatransco.in upto 18:15 Hrs on dtd:21.02.2025.**
8. Please note that said budgetary offer is only for estimation purpose and will not be considered for any bidding & no work order will be issued based on this offer.

Sd/-
(Abhijeet Kahalekar)
Executive Engineer
EHV Projects Division-II, Pune