



MAHATRANSCO
Maharashtra State Electricity Transmission Co. Ltd.

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

Name of Office: 400KV R.S O&M Dn. Karad.
Office Address : Administrative Building, Ground Floor, Vijaynagar,
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Website : www.mahatransco.in.
CIN No. : U40109MH2005SGC153646

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

No 0 0 6 3 2

Date:

26 NOV 2024

(ENQUIRY FOR BUDGETARY OFFER)

Please find attached herewith a detail schedule for Supply, Erection, Installation, Testing and Commissioning of any standard make (viz; Kirloskar, Cummins, Greaves, Mahindra etc.) 82.5KVA, 3Phase, 415V AC, Radiator cooled Silent DG Set (AS PER CPCB-IV NORMS) with acoustic enclosure along with all accessories at 400KV RS Division, Karad.

All interested & experienced bidders are requested to submit their best lowest budgetary offer on the **Mail ID : ee3130@mahatransco.in** or submit physically to this office for the same upto **Dtd. 02.12.2024**. Taxes should be quoted distinctly if any.

Please note that this budgetary offer is for estimation purpose only.

(C.L. Bharamgunde)
Executive Engineer
400KV RS(O&M)Dn. Karad.

Encl.: Schedule 'A'.


MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD
400KV RS(O&M) Division, Karad.

SCHEDULE 'A'

Sub:- Supply, Erection, Installation, Testing and Commissioning of any standard make (viz; Kirloskar, Cummins, Greaves, Mahindra etc.) 82.5KVA, 3Phase, 415V AC, Radiator cooled, Silent DG Set (AS PER CPCB-IV NORMS) with acoustic enclosure along with all accessories at 400KV RS Division, Karad.

Sr. No.	Description	Qty.	Rate	Amount
1.	Supply of 82.5 kVA, 3 Phase, 415V AC, Radiator cooled, Silent DG Set (as per CPCB IV Norms) comprising of Engine with minimum 105 BHP, at 1500 RPM, coupled with alternator of same make mounted on a common base frame complete with a) AMF/ATS control panel b) Fuel tank c) Battery & leads d) Silencer – Residential e) AVM pads f) First Fill of lube oil g) Acoustic enclosure h) Aluminium Power cable (upto 60mtr)	1		
2.	Erection, Installation, Testing and Commissioning of 82.5 kVADG set including Transporting & unloading of DG set at site	1		
Total				
GST @ 18 %				
GrandTotal				

1. Warranty: 24 months from the date of commissioning.
2. Remote monitoring system to monitor engine is required & the same must be from engine manufacturer only.


(C.L. Bharamgunde)
Executive Engineer,
400KV RS (O&M) Dn. Karad.

Encl : Scope of work

Scope of work

1. SUPPLY

1.1. One (1) no. 82.5 kVA, 3 Phase, 415V AC, 50 Hz Diesel Generator Set with acoustic enclosure complete with control panel for protection, metering & operation along with all accessories

1.2. Bidder should submit drawings, documents, manuals in detail.

1.1. The materials should be properly packed before dispatch to avoid damage during transport, storage and handling.

1.2. Proper arrangement should be provided to handle the equipment.

2. ERECTION,INSTALLATION,TESTING&COMMISSIONING

2.1. The Contractor should provide PCC type foundation with the ratio of **1:2:4 (M15)**. The length and breadth of the foundation should be 300 mm. more than the respective length and breadth of the DG set. The height of the foundation should be 400 mm i.e. 200 mm below and 200 mm above the ground level.

2.2. The generator set, control panel, as well as the neutral of the generator should be properly earthed through the earthing pits suitable for DG set capacity .The Contractor should provide 4 Nos. of GI pipe Earthing Pits (Chemical) with chemical powder, chamber cover etc along with total 20 mtrs of GI Strip (5 mtr with each Pit) . Out of these 4 earthings, 2 are for DG Set and 2 are for neutral.

2.3. Power cabling & control cabling upto 60 mtrs should be done by the contractor. Necessary aluminium power cable, cable glands, cable end lugs, PVC numbering ferrules, tapes etc. should be supplied and installed by the contractor as per requirement of site commissioning.

2.4. Residential Silencer and The exhaust pipe upto Silencer should be provided with DG Set.

2.5. The contractor should follow occupational health and safety norms.