

Maharashtra State Electricity Transmission Company Limited

From, Office of The Chief Engineer, Design Department, MSETCL, 'Prakashganga', Plot no. C – 19, E Block, Bandra Kurla Complex, Bandra (East) Mumbai – 400051 (Maharashtra) India Phone – 022 2659 5130 (Direct) Mail: cedesign@mahatransco.in – 022 2659 5131 (Office) Web : www.mahatransco.in	To, The Chief Engineer EHV PC O&M Zone, MSETCL Chhatrapati Sambhajinagar
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Ref. – MSETCL / CO / Design / G4/Rahul agencies/ T-2117/Shendra

Date :

00061

02 JAN 2025

Sub. :- Work of construction of 132kV SC line from 132kV ShendraChikalthana using Monopole structure with ACCC high ampacity conductor - 12 km under Sambhaji Nagar zone: **In Principle Approval of Monopole (Valmont make) and foundation design thereof**

- Ref. :-1) Tender No. T-2117/MSETCL/CO/C&M/T/ Pre Tender
 2) Your offer dt. 23.02.2022 against subject tender.
 3) Your discount letter dated 21/06/2022.
 4) Tender acceptance B.R. No. 156/37 dtd.04/08/2022.
 5) LOA No. MSETCL/CO/C&M/Pre-Tender/6602 Dt.16.09.2022
 6) T.O. Lt. No. MSETCL/CO/Design/G4/Rahul agencies/t-2117/shendra/7211 Dtd.13.10.2023
 7) Lt. no.SE/EHV/PC/CSN/Tech/T265/808 Dtd.22.05.2024
 8) Lt.no.SE/EHV/PCA/Tech/T-265/1412 Dt.08.10.2024
 9) T.O. Email Dtd.23.10.2024
 10) Email Dtd.23.10.2024 from M/s Rahul Agencies
 11) Lt.no.SE/EHV/PCA/Tech/T-265/1564 Dt.06.11.2024
 12) Lt. No. RA/CE/Design/IIT Vetting/2024-25 Dt.18.11.2024 received on 03.12.2024

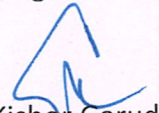
Dear Sir/Madam,

- LOA under reference (5) was awarded to M/s Rahul Agencies for subject work.
- The Monopole and foundation designs for subject project works were already approved vide this Office letter no.7211 dtd. 13.10.2023.
- We refer to letter cited at reference (6) & (11) vide which SE EHV PC CSN has forwarded the unvetted copies of Monopole (Valmont make) design and foundation design document as detailed below for scrutiny and approval.

Sr. No.	Monopole Type	Monopole Drawing	Monopole Foundation drawing
	132kV S/C Monopole		
1	Q +9m (02 degree -15 degree)	SQL118137_Q+9m	ST-274-R0
2	S +9m (30 degree -60 degree) /DE(0 degree -15 degree)	SQL118137_S+9m	ST-275-R0
3	DE +9m (60 degree -90 degree) /DE(0 degree -15 degree)	SQL118137_ DE+9m	STR-276-R0
4	Q +15m (02 degree -15 degree)	SQL118137_Q+15m	ST-279-R0

- Vide email cited at reference (9) it was requested to submit compliance in respect of IIT /NIT Vetted design document, approved line profile.

5. M/s Rahul agencies vide their email dtd. 23.10.2024 has submitted copies of approved line Profile
6. Further M/s Rahul agencies vide their letter cited at reference (11) has requested
"Given the urgency to address ROW issues and avoid further delays due to local hurdles, we kindly request your permission to supply the additional monopoles and execute the foundation work without vetting Monopoles"
7. Further to above, it may be noted that the above mentioned **Monopole and foundation designs are extra items needed to overcome ROW constraints for completion of said works and subject approval from competent authority.**
8. This above mentioned Monopole and foundation design were discussed /scrutinised during joint meeting with Valmont designer and the same were found generally in line with relevant IS ASTM standards and general technical specification of MSETCL and hence, the submitted un vetted copies of Monopole and foundation design as detailed in Table-1 are hereby approved in principle for use in subjected works only.
9. This in principle approval is subjected to following conditions
 - a) Approval for Monopole and foundation design is processed as per the recommendation received from SE EHV PC, MSETCL, Chhatrapati Sambhaji Nagar vide their letter cited at reference (7).
 - b) Monopole design and foundation design for which in principle approval being accorded shall be put in use for subject works only after receipt of IIT /NIT approval (for design verification) for the same.
 - c) After carrying out survey and on finalization of tower schedule if there is need for any additional Monopole /foundation whose type, deviation angle is not mentioned in Table -1 above or earlier approval conveyed vide this office letter no. 7211 Dtd.13.10.2023 then M/s Rahul Agencies shall design the requisite monopole/foundation in consultation with concerned field office and as per site condition and shall submit to this office for approval.
10. Please note that above mentioned approval is without prejudice to other terms and conditions mentioned in the work order issued for the said work and does not absolve you from your responsibility of meeting all relevant requirement/ statutory obligations while executing the work. Further this office will not be responsible for any consequences due to incorrectness of data submitted to this office on which validation of the said design drawing has been done.


(Kishor Garud)
Chief Engineer (Design) I/C

Copy s. w. r. to –The Director (Projects), MSETCL, CO, Mumbai

Copy f. w. c. to –M/s Rahul Agencies

Copy to –The Superintending Engineer, EHV PC, MSETCL, Sambhaji Nagar

- a) The Monopole design and foundation design for which in principle approval is accorded shall be put in use for subject work only after receipt of IIT /NIT approval for the same.
- b) The responsibility of adhering to drawings and statutory safety clearances on site will be of the contractor/supervising official. You are requested to verify the soil strata before commencement of the foundation activity.