

**ABSTRACT**

Neriamangalam HEP - Replacing Trash Rack of Power Tunnel Intake at Kallarkutty-Sanction Accorded-Orders Issued.

**CORPORATE OFFICE (SBU-G/C)**

Office Order (DGC)No.822/2023(DGC/AEE IV/Dam Thiruvananthapuram,Dated: 12.06.2023  
Safety/General/2022)

- Read: 1. Note No. CE-CDS-PLM-CE1/2023/54 dated 07.05.2023 of the Chief Engineer (Civil-Dam Safety & DRIP), Vydyuthi Bhavanam, Thiruvananthapuram.  
2. Note No. CE-CDS-PLM-CE1/2023/55 dated 08.05.2023 of the Chief Engineer (Civil-Dam Safety & DRIP), Vydyuthi Bhavanam, Thiruvananthapuram.

**ORDER**

The Chief Engineer (Civil-Dam Safety & DRIP) reported as per the note read as 1<sup>st</sup> above that the trash rack panels of power tunnel intake of Neriamangalam HEP at Kallarkutty are found in corroded condition during an underground inspection by divers. The Neriamangalam HEP was commissioned in 1961 and is functional for the past six decades. It was reported that the corroded part of the panel is blocked by fixing a blind piece and these panels are to be replaced urgently.

The Chief Engineer reported that the trash rack panels can be fabricated at MF1 Angamali with an estimated cost of Rs. 60,00,000/- (Rupees Sixty Lakh only) including GST and it will take 90 days to complete the work. The activities involved with estimated costs are tabulated below:

Sl. No	Activities	Estimate (Rs.)
1	Procurement of Steel plates, ISMC 250 etc. departmentally from steel manufacturers.	32.30 Lakh
2	Fabrication charges of trash rack Panels including shearing of plates.	25.20 Lakh
3	Transportation charges for transporting raw materials to shearing unit, to MF1 Angamali and fabricated materials to Kallarkutty.	1.55 Lakh
4	Unforeseen items & Contingencies	0.95 Lakh
	Total	60.00 Lakh

The Chief Engineer (Civil-Dam Safety & DRIP) requested to accord sanction to procure steel plates, ISMC etc. through Deputy Chief Engineer, Civil Circle, Pallom and fabrication of trash rack and transportation of the raw materials from manufacture to fabrication yard, shearing unit etc. and fabricated trash rack to Kallarkutty through MF1 Angamaly with limited quotation/ waiver of tender calls.

Having considered the recommendation of the Chief Engineer (Civil - Dam Safety & DRIP), sanction is hereby accorded by the Director (Generation – Civil) to procure steel plates, ISMC etc. through the Deputy Chief Engineer, Civil Circle, Pallom and fabrication of trash rack and transportation of the raw materials from manufactures to fabrication yard, shearing unit etc. and fabricated trash rack to Kallarkutty through MF1 Angamaly with limited quotation/ waiver of tender calls.

Orders are issued accordingly.

**By Order of the  
Director**

*S/d*

**RADHAKRISHNAN NAIR K  
Secretary**

To:

1. The Chief Engineer (Civil-Dam Safety & DRIP), Vydyuthi Bhavanam, Thiruvananthapuram.
2. The Chief Engineer (Civil- Construction) South, Vydyuthi Bhavanam, Thiruvananthapuram.
3. The Deputy Chief Engineer & Principal Team Leader, Civil Circle, Pallom.

- Copy to:
1. Chief Engineer (IT,CR&CAPS)/ Company Secretary/ Financial Advisor/ LA&DEO/ RCAO/RAO
  2. TA to the Chairman & Managing Director / Director (Generation-Civil)/ Director (Distribution, SCM, IT & REES)/ Director (Transmission, SO, P,S & Generation-Electrical)
  3. PA to the Director (Finance &HRM).
  4. Sr.CA to the Secretary (Administration).
  5. Stock File / Library.

Forwarded / By Order



Assistant Executive Engineer