

PROCEEDINGS OF THE CHIEF ENGINEER, PROJECTS I, KOZHIKODE

// Present: S. Thilakan //

Sub:- Desiltation of Mangalam Reservoir in Palakkad District through turnkey method –
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- Ref: - 1. GO (MS) No. 79/2017/WRD dated Thiruvananthapuram 26.09.2017.
2. GO (MS) No. 14/2019/WRD dated Thiruvananthapuram 14.05.2019.
3. GO (MS) No. 49/2017/WRD dated Thiruvananthapuram 08.11.2019.
4. Minutes of Empowered Committee dated. 02/11/18, 21/03/19, 16/10/19 and 03/01/2020.
5. Minutes of Technical Committee dated. 18/11/19 & 30/11/19.
6. Minutes of Technical Committee dated. 27/11/19.

ORDER NO.WP5-4766/17 DATED 07.01.2020

Government have accorded Administrative Sanction for the desiltation of Mangalam Reservoir in Palakkad District as per the approved Standard Operating Procedure (SOP) through Turnkey method vide G.O. (MS) No. 49/2019/WRD, Thiruvananthapuram dated 08.11.2019.

Empowered Committee and Technical Committee constituted vide reference cited (1) has scrutinized all the aspects of desiltation in detail in various meetings referred as 4&5.

The Empowered Committee held on 21.03.2019 have approved the Detailed Project Report for the Desiltation of Mangalam Reservoir, in Palakkad through Turnkey method. As per the approved Detailed Project Report the quantity of Sediments to be removed from the water spread area has been assessed through various studies and is quantified to be approximately 2.95Mm³. Technical Committee held vide reference 6 has examined the matter in detail and have decided to accord Technical Sanction, for the process and methodology to be adopted for desilting of Mangalam Dam, subject to the following conditions.

1. While executing the work all the conditions mentioned in the Administrative Sanction Order should be strictly adhered to.
2. Desiltation has to be done by the methodology specified in the approved Detailed Project Report.
3. Desiltation should not be impediment for proper functioning of the dam. Precautions are to be taken as per approved Detailed Project Report and Environment Management Plan.

4. During the entire period of desiltation process transportation plan in the approved Detailed Project Report should be strictly adhered to.
5. Sample format of all the registers and gate pass in the approved Detailed Project Report must be followed and Superintending Engineer concerned shall inspect the records monthly in person.
6. In the process of desiltation the approved Environmental Management Plan (EMP) should be strictly adhered to.
7. The project is to be regularly monitored and supervised by the District Level Monitoring Committee constituted vide ref. cited (3).
8. The District Level Monitoring Committee shall co-ordinate and review desiltation process and receive and forward inspect the accounts of desiltation once in two months and the same may be reported to the empowered committee.
9. Surveillance system and monitoring system to be installed at relevant/vulnerable points in the yards for monitoring the activities.
10. Time of completion for the project is 36 calendar months and the defects liability period of the project is 365 days from the date of completion of the contract.
11. All the other conditions for the desiltation process must be as per Standard Operating Procedure and its amendments.
12. Tendering process should be carried out strictly as per the approved bid document by the Empowered Committee.

In view of the above facts, according to the Standard Operating Procedure and based on the approved Detailed Project Report by the Empowered Committee and as decided by the Technical Committee, Technical Sanction is hereby accorded for the "Process and Technology to be adopted for the Desiltation of Mangalam Reservoir" in Palakkad District.

All the relevant manuals, codal provisions rules and regulations in vogue should be followed.