



**Government of West Bengal.  
Irrigation and Waterways Department,  
Jalsampad Bhavan, Salt Lake, Kolkata-91**

**Memo No. 327 -IB**  
**IW-14011(99)/9/2019-Section(IW)**

**Dated. 26.09.2022**

**From:** M.Chakraborty  
Joint Secretary to the  
Government of West Bengal, I&W.Deptt.

**To:** Chief Engineer (Mechanical & Electrical)  
Irrigation & Waterways Directorate, GoWB  
Jalasampad Bhawan, Salt Lake City, Kol-91

**Subject :** Administrative Approval for the following two works by engaging the “CSIR-Central Mechanical Engineering Research Institute, Durgapur” as a consultant.


- i) Service suitability and health assessment of 11 nos gates of Kangsabati dam ( gate no. 1 to gate no. 11 ) at Mukutmonipur , Block & PS : Khatra , Dist : Bankura.
- ii) Service suitability and health assessment of 16 nos gates of Durgapur Barrage on river Damodar at Block & PS : Barjora , Dist : Bankura

The above two works are very similar in nature and it is a kind of reliability study of the mechanical structure and hoisting system of the Kangsabati Dam and Durgapur Barrage spillway gates. These are formulated based on the guidelines / recommendations made by the Central Project Monitoring Unit (CPMU) and the State Project Monitoring Unit (SPMU) both in connection with centrally aided scheme “ **Dam Rehabilitation and Improvement Project (DRIP-II)**” of Deptt. of Water Resources, MoJS ,GoI. The spillway gates of the Kangsabati Dam and Durgapur Barrage were both constructed long years ago. As per the standard guidelines regarding hydro-mechanical structures which are more than 30-40 years old are required to be replaced completely by new ones. In view of this, the spillway gates of the Kangsabati Dam and Durgapur Barrage need to be thoroughly renovated or replaced completely within the scope of “ Dam Rehabilitation and Improvement Project (DRIP-II) of Deptt. of WR , MoJS , GoI .But before approaching further towards submitting the proposal of the State Government under DRIP-II, the Central Project Monitoring Unit (CPMU) of DRIP-II desires for conducting a structural health assessment to judge the actual condition of the gates at present . On the basis of the report of the assessment , the proposal of the State Government will be submitted suitably for complete replacement or thorough renovation of the above mentioned spillway gates for funding under DRIP-II.For this reason, thorough health assessment of the said structures are to be carried out by the Mechanical & Electrical Wing of this Department by engaging the research institute ie. “CSIR-Central Mechanical Engineering Research Institute, Durgapur” as a consultant on nomination basis which is already approved by the Finance Department,GoWB vide UO No. Group-T/2022-2023/0721 dated 09.09.2022.

In view of above, the undersigned is directed to say that the Governor is pleased to accord Administrative Approval for the above two consultancy works by engaging the "CSIR-Central Mechanical Engineering Research Institute, Durgapur", at a aggregate estimate cost of Rs. 8.80 lakh ( Rupees eight point eight zero lakh only ) and Rs. 12.80 lakh ( Rupees twelve point eight zero lakh only ) respectively for Kangsabati Dam and Durgapur Barrage, for implementation during 2022-23 subject to observation of all financial norms. The said expenditure for the consultancy work will be borne out of chargeable h/a – "32-2700-80-001-00-005-28-02-V" of I&WDeptt.

This order issues with the concurrence of the Financial Advisor, Irrigation & Waterways Department vide his U.O. No. FA/IWD/39/2022-2023 dated 26.09.2022 and approval of the Pricipal Secretary of this Department.

Concerned Superintending Engineer and Executive Engineers may please be kept apprised from his end.

  
26/9/2022

(M.Chakraborty)  
Joint Secretary to the  
Govt. of West Bengal ,I.&W.Deptt.

**Memo No. 327/(6) -IB**  
**IW-14011(99)/9/2019-Section(IW)**

**Dated. 26.09.2022**

Copy for information to ;

- i)Senior PA to the Pricipal Secretary , Irrigation & Waterways Department , GoWB, Jalasampad Bhawan, Salt Lake City, Kol-91.
- ii)Financial Advisor , Irrigation & Waterways Department , GoWB, Jalasampad Bhawan, Salt Lake City, Kol-91
- iii)Chief Engineer (Design & Research) , Irrigation & Waterways Directorate, Jalasampad Bhawan, Salt Lake City, Kol-91.
- iv)Chief Engineer (South-West) , Irrigation & Waterways Directorate, Khas Jungle, PO: Abas , Dist : Paschim Medinipur
- v)Chief Engineer (West) , Irrigation & Waterways Directorate, Kanainutsal, Dist ; Purba Burdwan.
- vi)Director , Dam Safety Organization , Irrigation & Waterways Directorate, Jalasampad Bhawan, Salt Lake City, Kol-91.

  
26/9/2022

(M.Chakraborty)  
Joint Secretary to the  
Govt. of West Bengal ,I.&W.Deptt.