



## **ABSTRACT**

Irrigation – NABARD – RIDF XVII - Special Repairs to corroded shutter arrangements in Peranai Regulator and Renewal & Replacement of vertical gear shutters in Periyar Main canal head sluice at Anaipatti village in Nilakkottai Taluk of Dindigul District – Administrative Sanction for Rs.3,00,00,000/- – Sanctioned – Orders - Issued.

### **Public Works (W1) Department**

**G.O (Ms) No. 261**

**Dated: 15.12.2011**  
**Thiruvalluvar Aandu 2042**  
**கார்த்திகை 29**

#### **Read:**

1. From the Chief Engineer (Plan Formulation), Water Resources Department Letter No. B/2000/NABARD/2011-2012, dated 19.04.2011.
2. From the General Manager, NABARD Letter No.NB.TN.SPD/199/RIDF-XVII (TAMIL NADU)/119 PSC/ 2011-12 dated: 30.09.2011.

#### **ORDER:-**

The Chief Engineer (Plan Formulation), Water Resources Department has sent the estimate for the work of Special Repairs to corroded shutter arrangements in Peranai Regulator and Renewal & Replacement of vertical gear shutters in Periyar Main canal head sluice at Anaipatti village in Nilakkottai Taluk of Dindigul District for an amount of Rs.3.00 Crore based on the schedule of rates 2010-2011 along with provision for escalation for the year 2011-2012 and he has requested to accord administrative sanction for the same under NABARD loan assistance in RIDF XVII. This proposal has been forwarded to NABARD for loan assistance.

2. In the letter first read above, the Chief Engineer (Plan Formulation), Water Resources Department has stated that the Peranai Regulator was constructed across Vaigai river at its 100<sup>th</sup> km in the year 1899. It is about 32 km from Vaigai dam which was constructed later in 1958 as a balancing reservoir. The steel shutters were fitted in this regulator at the time of its construction during 1898. After that no major repair works has been carried out in the shutter arrangements. Due to bad environment, the shutters were badly corroded and deteriorated and also Guide channels (6 nos per shutter) are completely corroded. Gear arrangements are also to be repaired. Steel rope & Stoney Roller arrangements for operating the shutters are also damaged and to be completely replaced. Presently the Periyar Main canal Head sluice shutters (6 nos) are in Double (Lower level & Higher level) shutter type which are completely corroded and proposed to be replaced as single shutters.

3. He has also stated that the following components are proposed:

1. Special repairs to corroded shutter arrangements in Peranai Regulator.
  - ❖ Repair & Renewal of old corroded shutters of bottom height 0.70m and length of 12.50 m.

- ❖ New rubber seal 70 mm X 10 mm of appropriate profile is provided at the bottom of the shutter to prevent leakage.
- ❖ Dismantling and removing and refixing of groove channel arrangements for a vertical lift geared shutter. The corroded bottom of groove channel of size.
- ❖ Dismantling the corroded stiffener flats between the vertical groove channel for a vertical lift geared shutter.
- ❖ Dismantling the existing gear arrangements in the vertical lift geared shutter removing the geared wheels from the original position, reconditioning the geared wheels and refixing the original position.
- ❖ Providing best quality of steel rope.
- ❖ Repairs and Renewal of Stoney type roller guide.

2. Renewal & Replacement of vertical gear shutters in Periyar Main Canal Head sluice.

- ❖ Renewal & Replacement of old corroded vertical geared double shutter with new single shutter.
- ❖ Dismantling the existing gear arrangements in the vertical lift geared shutter removing the geared wheels from the original position, reconditioning the geared wheels and refixing the original position.

4. In the letter 2<sup>nd</sup> read above, the NABARD has approved the 12 irrigation schemes at a cost of Rs.4781.00 lakhs. Among these 12, the work of Special Repairs to corroded shutter arrangements in Peranai Regulator and Renewal & Replacement of vertical gear shutters in Periyar Main canal head sluice at Anaipatti village in Nilakkottai Taluk of Dindigul District at a cost of Rs.3.00 Crore is also one of the schemes. NABARD has provided Rs. 285.00 lakh (95%) as the loan assistance and the balance amount of Rs. 15.00 lakh (5%) as state share.

5. The Government, after careful examination, decided to accept the proposal of the Chief Engineer (Plan Formulation), Water Resources Department and accord administrative sanction for the work of Special Repairs to corroded shutter arrangements in Peranai Regulator and Renewal & Replacement of vertical gear shutters in Periyar Main canal head sluice at Anaipatti village in Nilakkottai Taluk of Dindigul District at an estimated cost of Rs.3,00,00,000/- (Rupees Three crore only) with NABARD loan assistance of Rs.285.00 lakh (Rupees Two crore and eighty five lakhs only) with the state share of Rs.15.00 lakh (Rupees Fifteen lakh only) under RIDF XVII.

6. The expenditure towards the work sanctioned in para 5 above shall be debited in to the following new head of account, opened under Demand No.40.01:-

"4701 - Capital Outlay on Major and Medium Irrigation – 03 Medium Irrigation-Commercial – 345 – Medium irrigation schemes – Schemes in the Eleventh Five Year Plan –II – State Plan- KG- Special Repairs to corroded shutter arrangements in Peranai Regulator and Renewal & Replacement of vertical gear shutters in Periyar Main canal head sluice in Dindigul District with Loan assistance from NABARD under RIDF XVII -16 Major works." (DPC 4701 -03 –345-KG -1606).

7. The Engineer-in-Chief, Water Resources Department is the Estimating, Reconciling and Controlling authority for the above new sub-head of account.

8. The Pay and Accounts Officer /Treasury Officers concerned are requested to open the above new Sub-Head of Account in their accounts.

9. The expenditure relates to the work sanctioned in para 5 above constitutes an item of "New Service" for which the approval of the Legislature will be obtained in due course. Pending approval of the legislature, initially this expenditure will be met by drawal of advance from the Contingency Fund, orders regarding which will be issued by the Government in Finance (BG-I) Department separately. The Engineer-in-Chief, Water Resources Department, Chennai-5 is directed to send a proposal to Government in Finance(BG-I) Department in the prescribed format, along with a copy of this order for sanction of an advance from the Contingency Fund. Further, he is also requested to send necessary draft explanatory notes for the inclusion of the above expenditure in the Supplementary Estimates for the year 2011-2012 without fail at the appropriate stage.

10. This order issues with the concurrence of the Finance Department vide its U.O. No. 208/DS(B)/PWII/2011 dated: 13.12.2011 and Additional Sanction Ledger No.1072 (One thousand and seventy two).

**(By Order of the Governor)**

**M. SAI KUMAR  
SECRETARY TO GOVERNMENT**

To

The Engineer-in-Chief, Water Resources Department, Chennai-5  
The Chief Engineer, Water Resources Department, Madurai Region, Madurai-2.  
The Chief Engineer, (Plan Formulation), Water Resources Department, Chennai-5.  
The District Collector, Dindigul.  
The Principal Accountant General (A&E /Audit I), Chennai. 18.  
The Treasury Officer, Dindigul.  
The General Manager, NABARD,  
105,106, Mahatma Gandhi Road, Nungambakkam, Chennai – 34.

**Copy to**

The Secretary II to Hon'ble Chief Minister, Chennai-9.  
The Personal Assistant to Hon'ble Minister for Finance, Chennai-9.  
The Personal Assistant to Hon'ble Minister for Public Works, Chennai-9.  
The Legislative Assembly, Chennai-9.  
The Finance (PW (II) / BGI/ BGII /Res II) Department, Chennai-9  
All Irrigation Sections in Public Works Department.  
Sf/Scs.

**// Forwarded / By Order //**

**SECTION OFFICER**