



ABSTRACT

Tamil Nadu Water Resources Department – Pradhan Mantri Krishi Sinchai Yojana (PMKSY) –Har Khet Ko Pani (HKKP) – Repair, Renovation and Restoration (RRR) - Administrative Sanction for a sum of Rs.64.70 lakhs to engage consultant to carry out concurrent evaluation for Phase IV 83 tanks of RRR Scheme under PMKSY (HKKP)- Accorded – Orders – Issued.

Water Resources (WR2) Department

G.O. (D) No. 29

Dated. 18.02.2022

ஸ்ரீ பிலவ, மாசி 6

திருவள்ளூர் ஆண்டு 2053

Read:-

1. G.O.(Ms) No.19, Public Works (W1) Department, dated 06.01.2020.
2. G.O.(Ms) No.254, Public Works (W1) Department, dated 17.10.2020.
3. From the Engineer-in-Chief, and Chief Engineer (General), Water Resources Department, Chennai Letter No.S7(2) / 26725 / RRR / OT-IV / 2019, dated;02.09.2021

ORDER:

In Government Order first read above, Administrative Sanction has been accorded for an amount of Rs.4931.19 lakhs to carry out works of 89 tanks under Phase IV of Repair, Renovation and Restoration (RRR) scheme under PMKSY (HKKP). Subsequently, in Government Order second read above, approval was accorded for dropping 6 tanks costing Rs.250.55 lakhs pertaining to Coimbatore and Madurai Regions from phase IV of Repair, Renovation and Restoration of Water Bodies Scheme.

2. In the letter third read above, the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai has stated that out of 83 tanks taken up for execution, works in 42 tanks were completed and works in the balance 41 tanks are under progress.

3. He has also stated that in the Clause 8(v) of Guidelines of RRR scheme has been stipulated that Concurrent evaluation is to be done by the State Government themselves by involving independent agencies which may include IIMs and IITs. Accordingly, an estimate has been prepared for an amount of Rs 71.00 lakhs to engage an agency / Institution to carry out the Concurrent evaluation for 83 tanks before 31.03.2022. This work is a special nature of job not covered under the Public Works

Department Standard Schedule of Rates. Hence this estimate has been prepared based on market rates and quotation. The abstract of the estimate is as below:-

| Sl.No. | Description of Work | Amount in Rs. |
|--------|--|------------------|
| 1. | Basic cost for concurrent evaluation study | 53,40,000 |
| 2. | GST at 18% | 9,61,200 |
| | Sub Total | 63,01,200 |
| 3. | Provision for price escalation at 10% | 6,30,120 |
| 4. | Provision for tender advertisement charges | 1,25,000 |
| 5. | Provision for unforeseen items | 43,680 |
| | Total | 71,00,000 |

4. He has also stated that the scope of the concurrent evaluation study of tank works includes study / evaluation of (i) Repair / Reconstruction of conveyance system (ii) Repair/Reconstruction of weirs (iii) Repair / Reconstruction of sluices (iv) Construction of recharge structures (v) Catchment treatment (Desilting of Channels) (vi) De-silting in terms of quantum of silt removed (vii) Strengthening of bund (viii) Quality control measures and sustainability.

5. He has also stated that the tasks of the Consultant proposed to carry out are as follows:-

- Verification of records connected with maintaining of quality checks as per prescribed BIS of the works.
- During the site visit, ascertaining the status of the works as per DPR along with records on monitoring the progress of quality of materials used and construction.
- Inspect the site and ascertain the components of the work during execution/items of work done and compare with the DPR along with relevant records.
- Consultant should submit the write up regarding quantity of works completed.
- Bottlenecks in achieving the quantity specified in DPRs if any;
- Ascertain the existence of Community Participation and self supporting systems for sustainable management of each water body.
- Final certification regarding the completion of project including photographs (before, during and after execution of project) should indicate the status of all the components contemplated in DPR such as improvements in tank bund, storage capacity of tanks, sluices, weirs, field channel and supply channels.

6. He has further stated that the tentative Methodology for each components of every tank for concurrent evaluation comprises of the following:

i) Repair/Reconstruction of conveyance system

- Quantum of work
- Length and Cross section details
- Quantum of materials
- Verification with M.Book entries
- Assessment of physical progress

(ii) Repair/Reconstruction of weirs & sluices

- Identification of number of weirs and sluices in each tank
- Observation of hydraulic particulars
- Evaluation of quantum of work and physical progress
- Verification with M.Book entries

iii) Construction of recharge structures

- Identification of location of each of the recharge structures and its measurement
- Verification of quantum of work with M.Book entries
- Assessment and Evaluation of physical progress

iv) Catchment treatment (Desilting of Channels)

- Observation of clearing of bushes, widening of the channels, retaining wall constructed if any
- Observation of cross sectional dimensions with reference to pre project and post project stages
- Observation of volume of earthwork with reference to DPR/TS estimate
- Evaluation of percentage of physical progress

v) Desilting in terms of quantum of silt removed

- Verification of pre level and finished levels of tank bund with reference to the barrow pit measurements
- Verification of quantum of work with M.Book /LF Book entries

vi) Strengthening of bund

- Verification of pre level and finished levels of tank bund with reference to the barrow pit measurements
- Measurement of hydraulic particulars including linear dimensions
- Verification of quantum of work with M.Book /LF Book entries

vii) Quality control measures and sustainability

- Verification of test reports on quality of materials used produced by the WRD
- Evaluation of test reports

viii) Status of Water User Association

- Evaluation of community participation in operation and maintenance of system
- Collection of details of Water user Associations formed and their activities.

7. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai has therefore requested the Government to accord Administrative Sanction for a sum of Rs.71.00 lakhs to engage a consultant to carry out concurrent evaluation for Phase IV 83 tanks of RRR Scheme under PMKSY (HKKP).

8. The Government after examination, have decided to accept the proposal of the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai and accord Administrative Sanction for a sum of Rs.64,70,000/- (Rupees Sixty four lakhs and seventy thousand only) to engage a consultant to carry out concurrent evaluation for Phase IV 83 tanks of RRR Scheme under PMKSY (HKKP), excluding the price escalation component for Rs.6.30 lakhs.

9. The expenditure sanctioned at para 8 above shall be debited to the following head of account:-

4711-Capital outlay on Flood Control projects -01 Flood Control -103 Civil works – Schemes shared between State and Centre -UC-Repair, Renovation and Restoration of water bodies - - State Share - 416 Major works -01 Major Works.

(DPC:4711-01-103-UC-41601)

10. Necessary additional funds of Rs.64,70,000/- will be provided in FMA 2021-2022. However, it may be brought to the notice of legislature by way of Specific inclusion in the Supplementary Estimate 2021-2022. Pending provision of such funds, the Engineer-in-Chief, Water Resources Department, Chennai is authorized to incur the expenditure sanctioned in para 8 above. The Engineer-in-Chief, Water Resources Department, Chennai is directed to include the above item of expenditure while sending the budget proposal for FMA 2021-2022 and also send necessary draft Explanatory notes for Specific Inclusion in the Supplementary Estimates 2021-2022 to Finance (PW-II/BG-I) Department at an appropriate time without fail.

11. This order issues with the concurrence of the Finance Department vide its U.O.No.2393/PW-II/2022, dated 03.02.2022 and Additional Sanction Ledger No. 1543 (One thousand five hundred and forty three).

(BY ORDER OF THE GOVERNOR)

SANDEEP SAXENA
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To

The Engineer-in-Chief and Chief Engineer (General),
Water Resources Department, Chennai-5.

The Chief Engineer, Water Resources Department,
Design Research and Construction Support, Chennai-5.

The Regional Chief Engineer, Water Resources Department,
Chennai / Trichy / Madurai / Coimbatore Region.

The Principal Accountant General (Audit/Accounts and Entitlements),
Chennai-18.

The Pay and Accounts Office (East), Chennai-8.

Copy to:

The Finance (PW-II/BG-I / BG-II/ W&M-I) Department, Chennai-9.

The Resident Audit Officer, Office of the Principal Accountant General
(General and Social Sector Audit), Secretariat, Chennai – 9.

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//FORWARDED BY ORDER//

So. Under (18/2/2022)
SECTION OFFICER

[Handwritten signature]