



ABSTRACT

Water Resources Department - Announcement made by the Hon'ble Minister for Water Resources for 2022-2023- Environment Impact Assessment Study and Preparation of Detailed Project Report for formation of 4 New Reservoirs in Kanniyakumari, Tenkasi and Tirunelveli Districts at an estimated cost of Rs.9.50 crore - Administrative and Financial Sanction accorded - Orders issued

Water Resources (S2) Department

G.O (Ms) No.39

Dated 20.06.2022

சுபகிருது, ஆனி 6

திருவள்ளூர் ஆண்டு 2053

Read:

From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. B / 0604 / AE3/ AEE3 / Reservoirs / Anno 22-23/2022, dated 13.04.2022 and 07.06.2022.

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ORDER:

During the Demand for Grants for Water Resources Department for the year 2022-2023 held on 06.04.2022, the Hon'ble Minister (Water Resources) on the floor of the Assembly has announced that "Preliminary works like Environment Impact Assessment Study and Preparation of Detailed Project Report for formation of 4 New Reservoirs in Kanniyakumari, Tenkasi and Tirunelveli Districts will be carried out at an estimated cost of Rs.9.50 crore.

2. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal for Environment Impact Assessment Study and Preparation of Detailed Project Report for formation of 4 New Reservoirs in Kanniyakumari, Tenkasi and Tirunelveli Districts at an estimated cost of Rs.11.52 crore and the Schemes envisage the following:

A. Formation of Reservoir across Ulakkaruviyar in Azhagiapandipuram Village for Feeding Thovalai Channel of Kodayar System in Kanniyakumari District for estimate amount of Rs.2.35 crore.

- (i) A Reservoir across Ulakkaruviyar has been proposed at Azhagiapandipuram Village in Thovalai Taluk of Kanniyakumari District. This Reservoir scheme has been proposed to impound 51.00 Mcft. of water with an annual storage of 153 Mcft. The purpose of this scheme is to feed Thovalai channel in Kanniyakumari District for supplementing Radhapuram Channel in Tirunelveli District. The tentative cost of the estimate works out to Rs.250 crore based on the prefeasibility study and Schedule of rates for the year 2021-2022.
- (ii) M/s.WAPCOS Limited has been requested to submit a quotation for the scheme of formation of Reservoir across Ulakkaruviyar in Azhagiapandipuram Village of Thovalai Taluk in Kanniyakumari District for preparing the Detailed Project Report, Environment Impact Assessment Studies report and clearances.
- (iii) The cost for preparation of Detailed Project Report and Environmental Impact Assessment Study and clearance charges works out as Rs.2.35 crore based on the quotation received from M/s.WAPCOS Limited as per its Letter No. WAPCOS/Ulakkaruviyar/DPR/2022, dated: 11.04.2022.

B. Formation of Reservoir across Valamalayar in Melapuliyangudi Village in Kadayanallur Taluk of Tenkasi District for estimate amount of Rs.1.92 crore.

- (i) A Reservoir across Valamalayar is proposed at Melapuliyankudi Village in Kadayanallur Taluk in Tenkasi District to impound 72 Mcft of water with an annual storage of 232 Mcft. The tentative cost of the estimate works out to Rs.200 crore based on the prefeasibility study and schedule of rates for the year 2021-2022.
- (ii) M/s.WAPCOS Limited has been requested to submit a quotation for the scheme of formation of Reservoir across Valamalayar in Melapuliyangudi Village in Kadayanallur Taluk of Tenkasi District for preparing the Detailed Project Report, Environment Impact Assessment Studies report and to obtain necessary clearances.

- (iii) The cost for preparation of Detailed Project Report, Environmental Impact Assessment Study and clearances charges works out to Rs. 1.92 crore based on the quotation received from M/s.WAPCOS Limited as per Letter No. WAPCOS/Valamalayar /DPR/ 2022, dated 11.04.2022.

C. Formation of Reservoir across Koraiyar River in Vickramasingapuram Village of Ambasamudram Taluk in Tirunelveli District for estimate amount of Rs.6.30 crore

- (i) A Reservoir across Koraiyar is proposed at Vickramasingapuram Village in Ambasamudram Taluk of Tirunelveli District. Koraiyar is a minor tributary of Thamiraparani. It is proposed to store the tributary water in this new Reservoir. This Reservoir scheme is proposed to impound 1522.71 Mcft. of water with an annual storage of 1768.80 Mcft. The purpose of the scheme is to harvest the available surplus water in the Thamiraparani River system. The tentative cost of the estimate works out to Rs.800 crore based on the prefeasibility study and schedule of rates for the year 2021-2022.
- (ii) M/s.WAPCOS Limited has been requested to submit a quotation for the scheme of formation of Reservoir across Koraiyar at Vickramasingapuram Village in Ambasamudram Taluk of Tirunelveli District for preparing the Detailed Project Report, Environment Impact Assessment Studies report and to obtain necessary clearances from the respective department.
- (iii) The cost for preparation of Detailed Project Report and Environmental Impact Assessment Study and clearance charges works out as Rs.6.30 crore based on the quotation received from M/s. WAPCOS Limited as per Letter No. WAPCOS / Koraiyar / DPR / 2022, dated 11.04.2022.

D. Formation of Reservoir across Vallimalai Odai in Therkku Veeravanallur Village of Cheranmahadevi Taluk in Tirunelveli District for estimate amount of Rs.1.05 crore

- (i) A Reservoir across Vallimalai Odai is proposed at Therkku Veeravanallur Village in Cheranmahadevi Taluk of Tirunelveli District. Vallimalai Odai is a minor tributary of

Koppuraiyar which is one of the main three tributaries of Koraiyar River. Another, main tributary of Koppuraiyar is flowing adjacent to Vallimalai odai. Hence, it is proposed to divert the tributary water to this new Reservoir. This Reservoir scheme is proposed to impound 75.31 Mcft. of water with an annual storage of 101 Mcft. The purpose of the scheme is to harvest the available surplus water in the Thamiraparani River system. The tentative cost of the estimate works out to Rs.8000 Lakh based on the prefeasibility study and schedule of rates for the year 2021-2022.

- (ii) M/s. WAPCOS Limited has been requested to submit a quotation for the scheme of formation of Reservoir across Vallimalai Odai at Therkku Veeravanallur Village in Cheranmahadevi Taluk of Tirunelveli District for preparing the Detailed Project Report, Environment Impact Assessment Studies report and to obtain necessary clearances from the respective department.
- (iii) The cost for preparation of Detailed Project Report and Environmental Impact Assessment Study and clearance charges works out as Rs.1.05 crore based on the quotation received from M/s. WAPCOS Limited as per Letter No. WAPCOS / Vallimalai / DPR /2022, dated 11.04.2022.
- (iv) The Detailed Project Report preparation, Environmental Impact Assessment Study and clearances are mandatory to get financial assistance from External Agencies in respect of major schemes like Reservoirs, canals etc.,
- (v) As the project involves huge data collection and needs special expertise, it is necessary to engage a Consultant for preparation of Detailed Project Report and getting Environmental Clearance.
- (vi) The Work will be entrusted to M/s. WAPCOS as a single source, by following the procedures laid down in the Tamil Nadu Transparency in Tender Act,1998.

DPR Component

- (i) The time period for Detailed Project Report preparation, Environmental Impact Assessment Study and final report submission is 6 months. The time period for obtaining Environmental Impact Assessment clearance is 3 months. The total time period is 9 months.

- (ii) The consultancy fee for preparation of Detailed Project Report shall be Rs. 0.6% of the tentative project cost plus GST. The final Consultancy fee shall be Rs. 0.6% of final approved Detailed Project Report cost plus GST @ 18%.
- (iii) The actual difference of Consultancy fee based on the approved Detailed Project Report cost (i.e. 0.6% of final approved Detailed Project Report cost less actually paid consultancy fee plus GST @18%) has to be paid along with the final bill.
- (iv) As per the Government of India statutory levy, GST shall be charged over and above the Consultancy Fees, indicated above, which is presently @ 18%.

Environmental Impact Assessment Study and Necessary Clearances from Statutory Authorities

- (i) The consultancy fee for undertaking Environmental Impact Assessment Study and obtaining necessary clearances from Statutory Authorities shall be Environmental Impact Assessment fee plus prevailing GST 18%.
- (ii) The provisions made in the estimate are as follows:-
 - a) Consultancy fee for preparation of Detailed Project Report.
 - b) Consultancy fee for undertaking Environmental Impact Assessment Study and obtaining necessary Clearances from Statutory Authorities.
 - c) GST 18% charges for consultancy fee for preparation of Detailed Project Report and Environmental Impact Assessment Study and clearances.
 - d) Statutory clearance charges to be paid to the Environment and Forest Department.
 - e) Difference of consultancy fee to be paid based on the approved DPR if necessary.
 - f) Labour Welfare fund.

3. The Chief Engineer, Plan Formulation, Water Resources Department has stated that the announcement was made adopting 0.5% for consultancy charges based on tentative cost arrived for the Reservoirs as Rs.9.50 crore and 'WAPCOS' has increased their consultancy charges from 0.5 to 0.6% and finally including the GST charges @18%, the total cost worked out to Rs.11.62 crore and requested to accord administrative sanction for Rs.11.62 crore.

4. The Government, after careful examination, have decided to accept the above proposal of the Chief Engineer, Plan Formulation, Water Resources Department by adopting 0.5% for consultancy charges and restricted the cost of the works to Rs.9,50,00,000/-. Accordingly, sanction is accorded for Environment Impact Assessment Study and Preparation of Detailed Project Report for formation of 4 New Reservoirs in Kanniyakumari, Tenkasi and Tirunelveli Districts at an estimated cost of Rs.9,50,00,000/- (Rupees nine crore and fifty lakh only) as follows, subject to terms and conditions that the approved rate shall be only a reference rate and the true price discovery should be done and the selection of consultancy should be based on procurement guidelines.

SI No.	Name of work	Estimate (Rs. in crore)
1	Formation of Reservoir across Ulakkaruviyar in Azhagiapandipuram Village for feeding Thoivalai Channel of Kodayar System in Kanniyakumari District.	2.00
2	Formation of Reservoir across Valamalayar in Melapuliyangudi Village in Kadayanallur Taluk of Tenkasi District.	1.50
3	Formation of Reservoir across Koraiyar River in Vickramasingapuram Village of Ambasamudram Taluk in Tirunelveli District.	5.00
4	Formation of Reservoir across Vallimalai Odai in Therkku Veeravanallur Village of Cheranmahadevi Taluk in Tirunelveli District	1.00
	Total	9.50

5. The expenditure sanctioned in para 4 above shall be debited to the following head of account:-

2701 - Medium Irrigation - 80 - General -
001 - Direction and Administration - State's Expenditure -
JI Investigation of Projects on Surveying and Levelling
Operations etc., - 317 Minor Works - 01 Minor Works.

(IFHRMS DPC 2701- 80 - 001 - JI - 317 01)

6. The Chief Engineer, Plan Formulation, Water Resources Department, Chennai is directed to take necessary action to investigate the above Schemes as ordered in para 4 above and send necessary proposal with Detailed Project Report to the Government for further consideration.

7. The expenditure sanctioned in para 4 above shall constitute an item of "New Instrument of Service" and the approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be met by drawal of an advance from the Contingency Fund. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai-5, is directed to send necessary proposals to Government in Finance (BG-I) Department directly in Form "A" appended to the Tamil Nadu Contingency Fund Rules, 1963 along with copy of this order for sanction of an advance from the Contingency Fund, orders regarding which will be issued by Finance (BG-I) Department separately. He is also directed to send necessary explanatory notes for inclusion of the above expenditure in the Supplementary Estimate 2022 - 2023 to Finance (PW-II / BG-I) Department at an appropriate time.

8. The Engineers concerned are directed that the details of works executed must be uploaded in the Tamil Nadu Water Resources Information and Management Systems Portal under the Control of Chief Engineer, Institute of Water Studies, Hydrology and Quality Control to ensure effective data base in the Water Resources Department.

9. This order issues with the concurrence of Finance Department vide its U.O. No.28931/PW-II/2022, dated 16.06.2022 and Additional Sanction Ledger No.372 (Three hundred and seventy two).

(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, Plan Formulation, Water Resources Department, Chennai-5.

The Chief Engineer, Water Resources Department, Madurai Region, Madurai.

The Chief Engineer, Institute of Water Studies, Hydrology and Quality Control, Taramani, Chennai-113.

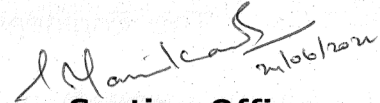
The District Collector, Kanniyakumari.

The District Collector, Tirunelveli.
The District Collector, Tenkasi.
The Treasury Officers, Kanniyakumari / Tirunelveli / Tenkasi.
The Pay and Accounts Officer (East), Chennai -8.
The Pay and Accounts Officer, Madurai.
The Principal Accountant General (A&E), Chennai-18.
The Principal Accountant General (Economic and Revenue Sector Audit), Chennai-18.
The Resident Audit Officer, Secretariat, Chennai-9.

Copy to

The Secretary-II to the Hon'ble Chief Minister, Secretariat, Chennai-9.
The Special Personal Assistant to Hon'ble Minister (Water Resources), Chennai-9.
The Finance (P.W.II / BG.I / BG.II / W&M.I) Department, Secretariat, Chennai-9.
The Water Resources (OP-II / ISpl.I) Department, Secretariat, Chennai-9.
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// Forwarded by Order //


21/06/2022
Section Officer