



ABSTRACT

Water Resources Department – Conducting Surveying and Levelling Operations for the Plan Formulation Wing for the year 2021-2022 at an estimate cost of Rs.120.00 lakh – Sanction accorded – Orders issued.

Water Resources (S1) Department

G.O (2D) No.21

Dated 31.03.2022

பிலவ, பங்குனி 17

திருவள்ளூர் ஆண்டு 2053

Read :

1. G.O (Ms) No.262, Public Works (W2) Department, dated 28.10.2020.
2. From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. F2/ DO / SLO (2021-22) / 2020, dated. 22.09.2021

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ORDER:

In the letter second read above, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal with a request to accord Administrative Sanction for a sum of Rs.120.00 lakh for conducting Surveying and Levelling Operations for the Plan Formulation Wing for the year 2021 – 2022 as follows:

- a) The Plan Formulation Wing is involved in formulation of new irrigation schemes by conducting necessary surveys and investigations. Many of the schemes investigated have been implemented and are working successfully. Necessary designs for the components of the schemes are being evolved based on the field data. Detailed project reports are being prepared based on the designs evolved by the Superintending Engineer, Designs Circle, Water Resources Department, Chennai
- b) The survey and investigation work involves surface level investigation such as taking levels, analyzing the hydrology, water balance, ayacut benefitted etc., and subsurface investigation such as drilling bore holes, conducting in situ field and laboratory test etc.,
- c) The survey and investigation works are being carried out by two circles comprising of 8 Divisions, spread over the entire State. Testing of soil samples, in-situ field and laboratory test, etc., are being carried out by the Soil Mechanics and Research Division. The designs for the components of the scheme are being evolved by the Superintending Engineer, Designs Circle, Chennai.

- d) Nearly 116 schemes are tentatively proposed to be taken up for investigation on priority basis during the year 2021 - 2022. To formulate these schemes, adequate funds are needed to conduct bore log operations and engaging of temporary labourers such as Mazdoors, Drivers, Technical Assistants, Computer operator etc., are essentially required to carry out surveying and leveling works and for documentation besides the physical works to be carried out. These labourers are being engaged on need basis only. Besides this, in order to furnish replies to the Legislative Assembly Questions, Assurance Committee, etc., necessary field survey has to be carried out by engaging the labourers. Drone survey will be conducted in human inaccessible area.
- e) Hence, necessary estimate for "Conducting Surveying and Levelling Operations for the Plan Formulation Wing for the year 2021 - 2022 has been prepared for Rs.120.00 lakh based on the quotation obtained from M/s. Preethy Drilling Company, Poochakkadu, Tiruppur District for carrying out bore log operations and standard schedule of rates for the year 2021-22 for other works.
- f) The following provisions have been made in the estimate.
- i) Drilling bore holes in all type of soil other than soft rock and hard rock.
 - ii) Drilling bore holes in soft rock.
 - iii) Drilling bore holes in hard rock.
 - iv) Conducting Standard Penetration test.
 - v) Conducting test on rock samples.
 - vi) Conducting permeability test.
 - vii) Testing for soil samples.
 - viii) Excavation of trial pits.
 - ix) Drone survey (in human inaccessible area)
 - x) Engaging of labourers such as Technical Assistant Grade-II, Mazdoor Grade-II, Drivers, Computer Operator Grade II, etc. on need basis for particular days only.
- g) During the previous year, i.e. 2020 - 2021, Administrative Sanction was accorded for Rs.118.80 lakhs for 8 Divisions of the Plan Formulation Wing. As the investigation works are vital and periodic in nature, payment of wages and other expenditures have to be made in time based on the current schedule of rates 2021-2022.

3. The Chief Engineer, Plan Formulation, Water Resources Department, has therefore, requested to accord necessary Administrative Sanction for an amount of Rs.120.00 lakh for Conducting Surveying and Levelling Operations for the Plan Formulation Wing for the year 2021-2022.

4. The Government after careful examination, have decided to accept the proposal of the Chief Engineer, Plan Formulation, Water Resources Department, Chennai. Accordingly, administrative sanction is

accorded for an amount of Rs. 120.00 lakh (Rupees One crore and twenty lakh only) for conducting Surveying and Levelling Operations for the Plan Formulation Wing for the year 2021-2022. The amount sanctioned shall be meet out from Final Modified Appropriation 2021 - 2022.

5. The expenditure sanctioned in para 4 above shall be met from the funds provided in Final Modified Appropriation for 2021-2022 under the following head of account:-

2701 - Medium Irrigation - 80 - General -
005 - Survey State's Expenditure -
AA - Investigation of Projects on Surveying and
Levelling Operations etc. - 317 Minor Works-
01 Minor Works.

(IFHRMS DPC 2701 - 80 - 005 - AA - 31701)

6 This order issues with the concurrence of the Finance Department vide its U.O. No.16603/PW-II/2022, dated 31.03.2022 .

(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 Pay and Accounts Officer (East), Chennai-8.

The Principal Accountant General (A&E), Chennai-18.

The Principal Accountant General, (Economic and Revenue Sector Audit), Chennai-18.

The Resident Audit Officer, O/o. Principal Accountant General (General and Social Sector Audit), Secretariat, Chennai-9.

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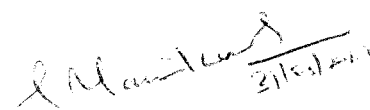
The Secretary-II to the Hon'ble Chief Minister, Secretariat, Chennai-9.

The Senior Personal Assistant to Hon'ble Minister (Water Resources), Secretariat, Chennai-9.

The Finance (P.W.II / B.G.I / II / W&M-I) Department, Secretariat, Chennai-9.

The Water Resources (OP-II / I.Spl) Department, Secretariat, Chennai-9.
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// Forwarded by Order //


Section Officer
Asst. Secy
21/03/2022