



ABSTRACT

Water Resources Department - Chennai City Waterways – Premonsoon preparedness Works for the year 2013 –Execution of 58 Works at a cost of Rs.362.00 Lakh – Administrative Sanction – Accorded – Orders – Issued.

Public Works (K1) Department

G.O.(Ms) No. 217

Dated 06.09.2013

விஜய, ஆவணி 21

Thiruvalluvar Aandu

2044

Read:-

1. G.O.(Ms).No. 228, Public Works Department, dated 18.09.2012

Read also:-

2. From the Chief Engineer, Water Resources Department, Chennai Region, Letter No. OT2/AE5/ Premonsoon/2013, Dated 11.07.2013.
3. From the Engineer-in-Chief, Water Resources Department, Chennai, Letter No. S7(4) / 69081/2011, dated 12.07.2013.

*_*_*

ORDER:

In the G.O. first read above, administrative sanction was accorded for Rs.362.00 lakh for carrying out 63 premonsoon preparedness Works like desilting, removal of debris, garbage, floating solid waste and other obstructions on war-footing basis in Adyar, Redhills tank surplus course, Korattur tank surplus course, Thanikachalam Nagar etc., in and around Chennai District during the year 2012.

2. The Chief Engineer, Water Resources Department, Chennai Region in the letter 2nd read above has sent a proposal for according administrative sanction for taking up the premonsoon preparedness Works like desilting, removal of debris, garbage, floating solid waste and other obstructions, etc., in the Waterways in and around Chennai, Tiruvallur and Kancheepuram Districts during 2013 as detailed below:-

- (i). The Chennai City has a number of major Waterways, viz, Adyar, Buckingham Canal, Otteri Nullah and Virugambakkam Canal, besides

other Waterways in Chennai Metropolitan area. The dumping of solid wastes & debris and growth of water weeds in the major Waterways leads to inundation, spreading of epidemic diseases, damages to infrastructure, etc. The Waterways have to be cleared of debris, silt, weeds and blockages before the onset of the North East Monsoon 2013 to enable the Department to manage the floods. As such, it is essential to take precautionary measures before the onset of the North East Monsoon.

- (ii). In Chennai City, improvement works are in progress under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM) Scheme in major Waterways like Otteri Nullah, Virugambakkam – Arumbakkam drain, North Buckingham Canal and South Buckingham Canal. However, premonsoon precautionary works have to be taken up in the Cooum River, since the river is not included under the Jawaharlal Nehru National Urban Renewal Mission Scheme.
- (iii). The Work of improvement to the Central Buckingham Canal, which was administratively sanctioned during the year 2009 under the Jawaharlal Nehru National Urban Renewal Mission Scheme could not be taken up due to encroachment (5000 Nos) in the banks of the Canal. The proposal for rehabilitation of the encroachers is under consideration. Therefore, premonsoon precautionary works have to be taken up in the Central Buckingham Canal.
- (iv). The debris, garbage, solid waste, accumulated silt, water weeds in the Adayar river, Redhills Tank surplus course, Korattur Tank surplus course, Thanikachalam Nagar, etc, have to be cleared for smooth flow of flood water. During monsoon rains, the sand bars accumulated at the Muttukadu mouth have to be removed for smooth flow of flood water into the sea.
- (v). Similarly, premonsoon precautionary works have to be taken up in Velachery Tank, Velachery Tank surplus course and Link Channel between Velachery Tank surplus course and Pallikaranai Swamp to avoid inundation in Velachery, Madipakkam, Adampakkam and Keelkattalai areas.
- (vi). The water spread area of the Velachery Tank is covered with water weeds, floating waste materials, debris and garbage. Frequent reports appear in Newspapers, regarding the status of the Velachery Tank. The Residents Welfare Associations in the Velachery area have also represented through letters to clean the Velachery Tank. The Velachery Tank surplus course and the Link Channel connecting Pallikaranai Swamp and Keelkattalai Tank surplus course are filled with heavy growth of vegetation, garbage and solid waste. These obstructions have to be cleared for free flow of flood water to the Pallikaranai Swamp. In the above areas, no works have been taken up under the Jawaharlal Nehru National Urban Renewal Mission Scheme.
- (vii). In view of the above reasons, it is essential to take up the premonsoon preparedness works on war footing basis before the onset of the North East Monsoon during 2013.

3. The Chief Engineer, Water Resources Department, Chennai Region has proposed to take up 68 premonsoon preparedness Works at an estimated cost of Rs.437.55 lakh during the year 2013 and has requested to accord administrative sanction for Rs.437.55 Lakh for the 68 premonsoon preparedness works.

4. The Engineer-in-Chief, Water Resources Department in the letter 3rd read above, has recommended for proposal of the Chief Engineer, Water Resources Department, Chennai Region.

5. But, the Government have decided to restrict the Estimate for the premonsoon preparedness Works to the previous years sanctioned amount of Rs.362.00 lakh. Hence, a revised list of 58 Works as detailed below to be executed during the year 2013 has been obtained from the Chief Engineer, Water Resources Department.

Sl. No.	Name of the Division	No. of Works	Amount (Rupees in Lakh)
1.	Araniyar Basin Division, Chepauk, Chennai.	19	107.10
2.	Kosasthalaiyar Basin Division, Tiruvallur	25	163.10
3.	Lower Palar Basin Division, Kancheepuram	14	91.80
	Total	58	362.00

6. The Government, after careful consideration, have decided to accept the proposal of Chief Engineer, Water Resources Department, Chennai Region, Chennai. Accordingly, administrative sanction is accorded for Rs.362.00 Lakh (Rupees Three crore and Sixty two Lakh only) for executing 58 premonsoon preparedness Works like desilting, removal of debris, garbage, floating solid waste and other obstructions on war-footing basis in Central Buckingham Canal, Cooum River, Adyar River, Redhills Tank surplus course, Korattur Tank, Korattur Tank surplus course, Madhavaram Tank, Thanikachalam Nagar, Velachery Tank, Pallikaranai Swamp, etc., in and around Chennai, Tiruvallur and Kancheepuram Districts till the end of North East Monsoon 2013. The details of 58 Works are annexed to this order.

7. The expenditure sanctioned in para 6 above shall be debited to the following head of account:-

“ 4711 - Capital Outlay on Flood Control Projects – 01 – Flood Control – 103 Civil Works – Schemes in the Twelfth Five Year Plan – II State Plan -KO Desilting, Widening and Construction of Flood Protection Works in Chennai City Waterways – 16 Major Works.

(DPC 4711-01-103-KO – 1602).

8. Necessary additional funds will be provided in Revised Estimate / Final Modified Appropriation 2013-2014. However, the expenditure shall be brought to the notice of the Legislature by way of specific inclusion in the Supplementary Estimates 2013-2014. Pending provision of funds in Revised Estimate / Final

Modified Appropriation 2013-2014, the Engineer-in-Chief, Water Resources Department, Public Works Department is authorised to incur the expenditure for the Works sanctioned in para 6 above. He is also requested to send necessary explanatory notes for specific inclusion in the Supplementary Estimates 2013-2014 to the Government in Finance (BG-I) Department at an appropriate time without fail. He is also requested to include the above expenditure in his proposal for Revised Estimate / Final Modified Appropriation 2013-2014.

9. This order issues with the concurrence of Finance Department vide its U.O. No. 276/JS(Dr.PU)/2013, dated. 06.09.2013 and the Additional Sanction Ledger No. is 1122 (One thousand one hundred twenty two).

(BY ORDER OF THE GOVERNOR)

**M.SAI KUMAR
SECRETARY TO GOVERNMENT**

To

The Engineer-in-Chief, Water Resources Department,
Chepauk, Chennai-5.

The Chief Engineer, Water Resources Department, Chennai
Region, Chennai-5.

The District Collector, Chennai, Tiruvallur / Kancheepuram
Districts.

The Pay and Accounts Officer (East), Chennai-5.

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

The Principal Accountant General (Audit-I), Chennai-18.

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

Copy to

The Secretary to Chief Minister's Office, Chennai-9.

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

The Senior Personal Assistant to Hon'ble Minister (Public
Works), Chennai-9.

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

Stock File / Spare Copy.

// Forwarded by Order //

Section Officer

ANNEXURE TO G.O (Ms) No. 217 /PWD/ DATED: 06.09.2013

Sl. No.	Name of Work	Estimate Amount Rs. in Lakhs
	Araniyar Basin Division, Chennai	
1	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 0 m to 520 m including conveying the removed materials from the Banks and dumping outside the residential areas (From Coom Confluence Point to Chepauk Railway Station)	4.00
2	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 520 m to 1300 m using Float including conveying the removed materials from the Banks and dumping outside the residential areas (From Chepauk Railway Station to North side of Mattankuppam foot bridge)	4.00
3	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 1300 m to 2700 m including conveying the removed materials from the Banks and dumping outside the residential areas (From South Side of Mattankuppam foot bridge to North side of Dr. Radhakrishnan Road Bridge)	8.60
4	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 2700 m to 3300 m using Float including conveying the removed materials from the Banks and dumping outside the residential areas (From North Side of Dr.Radhakrishnan Road Bridge to North side of Twin Arch Drain)	7.90
5	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 3300 m to 3700 m using Float including conveying the removed materials from the Banks and dumping outside the residential areas (From South side of Twin Arch Drain to North Side of Mundakanniyamman Koil road bridge)	5.00
6	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 3700 m to 4350 m using Float including conveying the removed materials from the Banks and dumping outside the residential areas (From South side of Mundakanniyamman Koil road bridge to North Side of Mylapore Railway Station foot bridge)	7.50
7	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 4350 m to 5200m using Float including conveying the removed materials from the Banks and dumping outside the residential areas (From North Side of Mylapore Railway Station foot bridge to North side of St. Marry's Road Bridge)	6.20

Sl. No.	Name of Work	Estimate Amount Rs. in Lakhs
	Araniyar Basin Division, Chennai	
8	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 5200 m to 5900 m including conveying the removed materials from the Banks and dumping outside the residential areas (From South side of St. Mary's Road bridge to North side of Kamarajar Road Bridge)	5.80
9	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 5900 m to 6500m including conveying the removed materials from the Banks and dumping outside the residential areas (From South side of Kamarajar Road Bridge to North side of Greenways Road Bridge)	5.90
10	Removal of silt along with floating matters, obstructions, clearing the Vent ways of Bridges in Central Buckingham Canal from LS 6500 m to 7100 m including conveying the removed materials from the Banks and dumping outside the residential areas (From South side of Greenways Road Bridge to Adayar North Lock)	3.20
11	Cut open the mouth @ Muttukadu to receive the flood water during monsoon period for the year 2013	7.00
	Sub Total	65.10
	COOUM RIVER	
1	Removal of floating materials, vegetation and other obstructions in Cooum River by using float from LS.15940m to 15440m.	6.00
2	Removal of floating materials, vegetation and other obstructions in Cooum River by using float and Conveyance of Earth from LS.15440m to 14740m.	6.00
3	Removal of floating materials, vegetation and other obstructions in Cooum River from LS.13320m to 11400m.	5.00
4	Removal of floating materials, vegetation and other obstructions in Cooum River by using float from LS.1590m to 1000m.	5.00
5	Removal of floating materials, vegetation and other obstructions in Cooum River by using float from LS.1000m to 450m.	5.00
6	Removal of floating materials, vegetation and other obstructions in Cooum River by using float from LS.450m to Cooum River mouth regulator.	5.00
7	Removal of floating materials, vegetation and other obstructions in Cooum River North Arm by using float from LS.0m to 980m.	5.00
8	Removal of floating materials, vegetation and other obstructions in Cooum River North Arm by using float from LS.980m to Napier Bridge	5.00
	Sub Total	42.00
	Total	107.10

Sl. No.	Name of Work	Estimate Amount (Rupees in Lakhs)
Kosasthalaiyar Basin Sub-Division, Chennai-5.		
1	Removal of Silt, Slush, Debris and Weeds in the inlet of Korattur Tank from Aavin Road to Railway Bridge in Korattur Tank by using float in Ambattur Taluk of Thiruvallur District including conveying the removed materials and dumping outside the residential areas.	20.00
2	Removal of Silt, Slush, Debris in Thanikachalam Nagar Drain from LS.0m to 1650m.(Reach I) including conveying the removed materials and dumping outside the residential areas in Madhavaram Taluk of Thiruvallur District	4.00
3	Removal of Silt, Slush, Debris in Thanikachalam Nagar Drain from LS.1650m to 3050m.(Reach II) in Madhavaram Taluk of Thiruvallur District including conveying the removed materials and dumping outside the residential areas.	3.50
4	Removal of Silt, Slush, Debris, Weeds and reforming the bund in Korattur Tank Surplus Course in Bye-Pass Road U/s and D/s sides of 1st crossing in Ambattur Taluk of Thiruvallur District.	7.00
5	Removal of Silt, Slush, Debris and Weeds, reforming the bund in infalling point of Madhavaram Tank and D/s side of Sembiam Road in Madhavaram Taluk of Thiruvallur District.	9.00
6	Removal of Silt, Slush, Debris, Weeds and reforming the bund in Redhills Tank Surplus Course from LS.0m to 480m in Madhavaram Taluk of Thiruvallur District.	6.00
7	Removal of Silt, Slush, Debris, Weeds and reforming the bund in Redhills Tank Surplus Course from LS.520m to 1150m in Madhavaram Taluk of Thiruvallur District.	9.00
8	Removal of Silt, Slush, Debris, Weeds and reforming the bund in Redhills Tank Surplus Course from LS.3550m to 4300m in Madhavaram Taluk of Thiruvallur District.	8.30
9	Removal of Silt, Slush, Debris, Weeds and reforming the bund in Redhills Tank Surplus Course from LS.4310m to 4750m in Madhavaram Taluk of Thiruvallur District.	9.50
10	Removal of Silt, Slush, Debris, Weeds and reforming the bund in Redhills Tank Surplus Course from LS.6000m to 6290m in Madhavaram Taluk of Thiruvallur District.	7.80
11	Providing sand bags for Adayar River wherever necessary.	5.00
12	Removal of Silt, Slush, Debris, Weeds and any floating materials in U/s side of Jafferkhanpet Bridge in Adayar River in Chennai including conveying the removed materials and dumping outside the residential areas.	3.50
13	Cutting open the Adayar river mouth at the confluence point near Srinivasapuram Colony for the period from October 2013 to December 2013 in Chennai.	10.00
14	Removal of Silt, Slush, Debris, Weeds and reforming bund in U/s side of Padikuppam Causeway in Ambattur Taluk of Thiruvallur District including conveying the removed materials and dumping outside the	3.50

	residential areas.	
Sl. No.	Name of Work	Estimate Amount (Rupees in Lakhs)
	Kosasthalaiyar Basin Sub-Division, Chennai-5.	
15	Removal of Silt, Slush, Debris, Weeds and reforming the bund in U/s and D/s side of Maduravoyal Causeway below Outer Ring Road Bridge in Poonamallee Taluk of Thiruvallur District.	4.00
16	Removal of Silt, Slush, Debris and Weeds near Military Causeway in Adayar River in Sriperumbudur Taluk of Kancheepuram District.	3.00
17	Removal of Silt, Slush and Debris in Gerugambakkam, Kolapakkam Channels and Link Odai in Sriperumbudur Taluk of Kancheepuram District including conveying the removed materials and dumping outside the residential areas.	7.00
18	Removal of Silt, Slush and Debris in Manapakkam Channels from LS.1200m to 6300m in Sriperumbudur Taluk of Kancheepuram District including conveying the removed materials and dumping outside the residential areas	9.00
19	Removal of Silt, Slush, Debris and reforming the bund in Palanthandalam Channel in Sriperumbudur Taluk of Kancheepuram District.	6.00
20	Removal of Silt, Slush, Debris and weeds in Periathaikalvoy from LS.1830m to 2240m (from LIC) feeding to Kakkalur Tank in Thiruvallur Taluk including conveying the removed materials and dumping outside the residential areas.	5.00
21	Removal of Silt, Slush, Debris and weeds in Periathaikalvoy from LS.2320m to 2460m feeding to Kakkalur Tank in Thiruvallur Taluk including conveying the removed materials and dumping outside the residential areas.	4.00
22	Removal of Silt, Slush, Debris and weeds in Periathaikalvoy from LS.2510m to 2970m feeding to Kakkalur Tank in Thiruvallur Taluk including conveying the removed materials and dumping outside the residential areas.	4.00
23	Removal of Silt, Slush, Debris and weeds in Perumbakkam surplus course from LS.0-500m (C.V. Naidu Salai to Bus Stand Salai) including conveying the removed materials and dumping outside the residential areas.	5.00
24	Removal of Silt, Slush, Debris and weeds in Perumbakkam surplus course from LS.500m to 1000m (Bus Stand - Thamburan Kuttai) including conveying the removed materials and dumping outside the residential areas.	5.00
25	Removal of Silt, Slush, Debris and weeds in Thamburan Kuttai under the control of PWD (WRD) including conveying the removed materials and dumping outside the residential areas.	5.00

	Total	163.10
--	--------------	---------------

Sl. No.	Name of Work	Estimate Amount (Rupees in Lakhs)
	Lower Palar Basin Division, Kancheepuram	
1	Removal of weeds, vegetations and floating materials in Velachery Tank and conveying and dumping the removed materials outside the residential areas in Guindy – Tambaram Taluk of Kancheepuram District. (Reach I L.S 0m to 1000m)	10.00
2	Removal of weeds, vegetations and floating materials in Velachery Tank and conveying and dumping the removed materials outside the residential areas in Guindy – Tambaram Taluk of Kancheepuram District. (Reach II L.S 1010m to 1800m)	7.40
3	Removal of weeds, vegetations and floating materials in Velachery drainage channel from L.S. 0m to 1970m and conveying and dumping the removed materials outside the residential areas in Guindy – Mambalam Taluk of Kancheepuram District.	7.70
4	Removal of weeds, vegetations and desilting from Keelkattalai Tank Weir to Pallikaranai swamp and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	7.70
5	Removal of weeds, vegetations and desilting from Sembakkam Tank Weir to Nanmangalam Tank surplus course and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	6.60
6	Removal of weeds, vegetations and desilting from Nanmangalam Tank Weir to Keelkattalai Tank and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	6.60
7	Removal of obstructions, debris and clearing the Adambakkam Tank surplus course in Adambakkam tank road and conveying and dumping the removed materials outside the residential areas in Alandur Taluk of Kancheepuram District.	5.50
8	Removal of weeds, vegetations and desilting from Ottiyambakkam Odai from Madurapakkam Village to Semmenjeri Slum clearance Board area and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	5.50
9	Removal of weeds, vegetations and desilting of Okkium Turaipakkam Maduvu downstream side of bridge at B' canal – Karapakkam Village and conveying and dumping the removed materials outside the residential areas in Sholinganallur taluk of Kancheepuram District.	5.50

10	Removal of obstructions, debris and clearing the U/s and D/s of bridges in Radial road from Turaipakkam to Pallikkaranai and Pallikkaranai to Kazhuveli and conveying and dumping the removed materials outside the residential areas in Sholinganallur taluk of Kancheepuram District.	7.80
11	Removal of weeds, vegetations and desilting of Pappan channel in Tambaram village of Tambaram Municipal Limit from LS.180m to LS 2120m and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	5.00
12	Removal of weeds, debris and clearing the U/s and D/s of bridges in Sholinganallur Medavakkam road and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	5.50
13	Desilting of Perumbakkam to Chittalapakkam Channel and conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	5.50
14	Removal of weeds, vegetation and desilting in Perungudi tank conveying and dumping the removed materials outside the residential areas in Sholinganallur Taluk of Kancheepuram District.	5.50
	Total	91.80
	Grand Total (Araniyar Division, Kosasthalaiyar Division & Lower Palar Basin Division)	362.00

Abstract

S.No	Name of the Division	No. of Works	Amount (Rs. in Lakh)
1.	Araniyar Division	19 Nos	107.10
2.	Kosasthalayar	25 Nos	163.10
3.	Lower Palar, Kancheepuram	14 Nos	91.80
	Total	58 Nos	362.00

M.SAIKUMAR,
Secretary to Government

// True Copy //

Section Officer

