



Abstract

Water Resources Department-Improvements of Macro Drainages maintained by Public Works Department in four basins of Chennai City as approved under JNNURM for a value of Rs.633.03 crore -Administrative Sanction- Accorded - Orders-Issued.

Public Works (K1) Department

GO (Ms) No.240

Dated: 16.10.2009
Thiruvalluvar Andu 2040
Purattasi 30.
Read:

From the Chief Engineer, Water Resources Department, Chennai Region, Letter No.T1/AE1/18711/ 2007 dated 31.3.2009 and 5.8.2009

ORDER:

The Chief Engineer, Chennai Region, in his letter read above, has stated that in Chennai City, flooding due to frequent heavy rains and rapid change of entire topography because of unauthorized constructions & deviations, causes inundation, inconvenience to the public, loss of lives and livestock, spreading of epidemic diseases etc. and this made Corporation of Chennai to prepare a Comprehensive Master Plan on storm water, integrating the Waterways and Macro drainages, like, Buckingham Canal, Otteri Nullah, Virugambakkam - Arumbakkam drain, Cooum and Adyar river. Detailed Project Report for the improvements to Micro and Macro drainages in four basins of Chennai has been prepared and placed in the State Level Steering Committee meeting held in December 2008 and recommended for approval under Jawaharlal Nehru National Urban Renewal Mission (JNNURM). After the scrutiny and Technical appraisal by the Central Public Health and Environmental Organisation (CPHEO), the Detailed Project Report was placed before the Central Sanctioning and Monitoring Committee (CSMC) and approved, as detailed below:

S. No.	Name of Basin	Proposal cost (Rs.in crore)	PWD component (Rs.in crore)	Corporation of Chennai Component (Rs.in crore)
1	Northern Basin	359.86	82.69	277.17
2	Central Basin	345.00	83.89	261.11
3	Eastern Basin	444.07	303.67	140.40
4	Southern Basin	298.98	162.78	136.20
	Total	1447.91	633.03	814.88

2. The Chief Engineer has further stated that out of the approved cost of Rs.1447.91 crore, an amount of Rs.633.03 crore has been allotted as Public Works Department component by CSMC and the CSMC has requested the Tamil Nadu Urban Finance and Infrastructure Development Corporation Limited (TUFIDCO) to arrange a loan at 50% on the total component of Rs.633.03 crore allotted to Public Works Department by sanctioning 15% of the total component as without interest and 35% loan of the amount with interest. The balance 50% on Rs.633.03 crore of Public Works Department component has to be borne by the Government of Tamil Nadu for speedy implementation of the needy scheme in the interest of public and he has listed out the Financial phasing of Public Works Department component as below:

YEAR	Rs. in crore
2008-09 (part) (10%)	63.30
2009-10 (40%)	253.20
2010-2011 (30%)	189.90
2011-2012 (Part) (20%)	126.63
Total	633.03

He has stated that this scheme could not be taken up during the financial year 2008-09. He has requested to accord administrative sanction for an amount of Rs.633.03 crore for the works of improving Macro drainages in four basins of Chennai as approved under JNNURM.

3. The Government, after careful consideration, have decided to accept the proposal of Chief Engineer, Water Resources Department, Chennai Region. Accordingly, administrative sanction is accorded for an amount of Rs.633.03 crore (Rupees six hundred and thirty three crore and three lakh only) for the works of improving Macro drainages in four basins of Chennai City as approved under JNNURM. The Government also direct that 35% of the above amount will be in the form of grant from Central Government, 15% of it is State Government's Share. Remaining 50% i.e. share of Urban Local Body will also be borne by the State Government in this case since the Macro drainage system in Chennai City is under the maintenance of Water Resources Department. The details of works are given in the Annexure to this order.

4. The expenditure sanctioned in para 3 above is debitable to the following new head of account to be opened under Demand No.40.01:-

"4711-Capital Outlay on Flood Control Projects – 01 – Flood Control – 103 Civil Works – Schemes in the Eleventh Five Year Plan – II State Plan KS improvements to Macro Drainages maintained by Public Works Department in Chennai City under JNNURM Scheme – 16 Major works (DPC 4711-01-103-KS – 1604).

5. The Engineer-in-Chief, Water Resources Department and the Chief Engineer (General), Public Works Department, is the Estimating, Reconciling and Controlling Authority for the new head of account opened at para 4 above.

6. The Pay and Accounts Officer / Treasury Officer is requested to open the above new head of amount in their Accounts.

7. The expenditure sanctioned in para 3 above is an item of "New Service". The approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be initially met by drawal of an advance from Contingency Fund, orders regarding which will be issued by the Government in Finance (BGI) Department, separately. The Engineer-in-Chief, Water Resources Department & Chief Engineer (General) Public Works Department is requested to send necessary proposals to Government in Finance (BGI) Department in the prescribed format, along with a copy of this order for sanction of an advance from the Contingency Fund.

8. The Chief Engineer, Water Resources Department, Chennai Region is also requested to take necessary action at the appropriate time for inclusion of the expenditure in the Supplementary Estimates for the year 2009-10.

9. This order issues with the concurrence of Finance Department, vide its U.O.No.312/DS(VP) PW II/2009 dated 15.10.2009 and ASL No.908. (Nine hundred and eight).

(By order of the Governor)

S.RAMASUNDARAM
PRINCIPAL SECRETAY TO GOVERNMENT

To

The Engineer-in-Chief, Water Resources Department &
Chief Engineer (General), PWD, Chepauk, Chennai -5
The Chief Engineer, Water Resources Department,
Chennai Region, Chepauk, Chennai-5
The Commissioner of Corporation of Chennai, Chennai-3
The Managing Director, TUFIDCO, 490/1-2, Anna Salai, Nandanam,
Chennai 35
The Accountant General, Chennai-18
The Pay Accounts Officer (East) Chennai-5

Copy to

The Secretary to Hon'ble Chief Minister, Chennai-9
The Senior Personal Assistant to Minister (Finance), Chennai-9
The Senior Personal Assistant to Hon'ble Deputy Chief Minister,
Chennai-9
The Private Secretary to Chief Secretary, Chennai-9
The Finance (BGI/II/PW-II) Department, Chennai-9
The Municipal Administration and Water Supply Department, Chennai-9
The Housing and Urban Development Department, Chennai-9
Sf/Scs

//Forwarded/By Order//

SECTION OFFICER

Annexure to GO Ms.No.240 PW(K1) Dept. dt.16.10.2009

Northern Basin.

Sl. No	Name of Work	Amount (Rs. in Lakh).
1	Improvements to Kodungaiyur Drain @ Ch 3050m to 3450m (Below G.N.T Road)	115.38
2	Construction of diversion channel for Kolatthur Tank Surplus to Madhavaram tank left flank surplus coarse	1900.00
3	Improvements to the Ambattur Tank Surplus Drainage Channel	1963.31
4	Straight cut Diversion channel for directing Upstream flood water from Otteri Nullah to Cooum River.	987.95
5	Improvements for Otteri nulla like Widening and Constrcution of Flood protection wall, Concrete Bed Lining, fencing, providing access Ramps for maintenance widening the water way of bridges providing inlet arrangement etc.	3301.90
Grand Total		8268.54
		(Rs.in Lakh)
		(or)
		82.69
		(Rs.in Crore)

Central Basin.

Sl. No	Name of Work	Amount in Rs. Lakh.
1	Improvements to the out let ,Drainage course and Construction of diversion channel from Maduravoyal Tank to cooum .	1752.46
2	Short cut Diversion Drainage Canal for Virugambakkam - Arumbakkam Drain from 100ft. Road Bridge to Cooum River at Inner Ring Road Bridge	2597.50
3	Improvements to Virugambakkam Arumbakkam Drain like Widening and Construction of Flood protection wall , Concrete bed ling, fencing, providing access Ramp for Maintenance, widening the water way of existing bridges providing inlet arrangement etc.,.	4038.92
Grand Total		8388.88
		(Rs.in Lakh)
		(or)
		83.89
		(Rs.in Crore)

Eastern Basin.

Sl. No	Name of Works	Amount Rs. in Lakhs
1.	Improvements to North Buckingham Canal like widening & deepening, Construction of flood protection wall and fencing in vulnerable place, providing access ramp for maintenance, Providing inlet arrangements, widening the water ways of bridges etc.,	11005.33
2	Improvements to Central Bucking Canal like Widening and deepening and Construction of flood protection walls, bed lining with cunnet section, fencing, providing access ramp for maintenance, providing inlet arrangements, widening the water ways of bridges etc.,	6862.21
3	Improvements to south Buckingham Canal like widening and deepening, construction of flood protection wall, fencing, providing inlet arrangements, providing access Ramp for maintenance, widening the water ways of bridges etc., from Adayar South Lock to Lattice Bridge (From Ch.0m to 4100m) REACH-I	3090.04
4	Improvements to south Buckingham Canal like widening and deepening, construction of flood protection wall, fencing, providing inlet arrangements, providing access Ramp for maintenance, widening the water ways of bridges etc., from Lattice Bridge (L.S. 4100m) to Okkiyam Maduvu (L.S. 10500m) REACH-II	1595.82
5	Improvements to South Buckingham Canal like widening & deepening, widening of water ways of bridges etc. from Okkiyam Maduvu to Mutukkadu back water (North lock), (from L.S. 10500m to 23500m) – Reach-III	7813.79
Grand Total		30367.19 (or) 303.67
		(Rs.in Lakh)
		(Rs.in Crore)

Southern Basin.

Sl. No	Name of Work	Amount (Rs. in Lakh)
1	Improvements to Porur Tank Surplus Drainage like weir reconstruction widening & deepening of canal, Construction Flood protection wall widening the water way of existing bridges etc.,	2696.46
2	Improvements to Veerangal Odai Drainage Course Channel like widening and deepening of Canal construction of flood protection wall widening the water ways of existing bridges etc.,	2390.00
3	Short cut Diversion Drainage Channel from Buckingham Canal near Okkium maduvu to Sea	5376.43
4	Short cut Diversion Drainage Channel for Velachery Tank surplus near Velachery Bus stand via Velachery OMR by pass road to South Buckingham Canal near Tidal Park.	5815.00
Grand Total		16277.89
		(Rs.in Lakh)
		(or)
		162.78
		(Rs.in Crore)

Total amount sanctioned Rs.633.03 Crore (Rupees Six hundred, thirty three crore and three lakh only)

**S.RAMASUNDARAM
PRINCIPAL SECRETAY TO GOVERNMENT**

/True Copy/

SECTION OFFICER