



ABSTRACT

Singara Chennai 2.0 – Implementation of “Design, Engineering and Construction of the Storm Water Drain ” at a cost of Rs.18,467 lakh and Play field, Street Name Boards and Crematorium projects at a cost of Rs.1,699.51 lakh in Greater Chennai Corporation (GCC) under “Singara Chennai 2.0” for the financial year 2021-2022 – Administrative Sanction – Accorded - Orders - Issued

Municipal Administration & Water Supply (MC.I) Department

G.O (D) No.26

Dated 25.01.2022

Pilava, Thai - 12

Thiruvalluvar Aandu, 2053

Read:-

1. G.O. (Ms) No.74, Municipal Administration and Water Supply Department, Dated 28.09.2021.
2. From the Additional Chief Secretary / Chairman & Managing Director, TUFIDCO Letter No.TUFIDCO/ Singara Chennai 2.0/ 490/AM(M)/2021, Dated 24.01.2022.

In Government Order first read above, the Government have approved the Guidelines for implementation of “Singara Chennai 2.0” with allocation of Rs.500 crore in the budget for the financial year 2021-2022. The scheme will be implemented by the Greater Chennai Corporation and Chennai Metropolitan Water Supply and Sewerage Board from the financial year 2021-2022 onwards. The Government have also approved the Project Sanctioning and Monitoring Committee (PSMC) with the following composition for sanctioning of projects under “Singara Chennai 2.0”.

Additional Chief Secretary / Principal Secretary / Secretary, Municipal Administration and Water Supply Department	-	Chairperson / Chairman
Additional Chief Secretary to Government, Finance Department or his representative	-	Member
Commissioner, Greater Chennai Corporation	-	Member
Managing Director, Chennai Metropolitan Water Supply and Sewerage Board	-	Member
Chairman & Managing Director, TUFIDCO	-	Convenor

2. In the letter second read above, the Additional Chief Secretary / Chairman & Managing Director, Tamil Nadu Urban Finance and Infrastructure Development Corporation Limited has now stated that the Project Sanctioning and Monitoring Committee (PSMC) of "Singara Chennai 2.0" has already accorded approval to various urban infrastructure projects of Greater Chennai Corporation under "Singara Chennai 2.0" for 2021-22 at a total cost of Rs. 7,048.71 lakh ("Singara Chennai 2.0" Share: Rs.7,048.71 lakh) as tabulated below:

Sl. No	Description	(Rupees in lakh)
		Approved Project cost
1	Sanctioned in G.O (D) No.467, Municipal Administration and Water Supply (MC.1) Department, Dated 10.12.2021	3,757.78
2	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 3 rd meeting held on 03.12.2021	180.75
3	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 4 th meeting held on 17.12.2021	3,110.18
4	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 5 th meeting held on 29.12.2021 (dropped)	-
	Overall Sanction accorded till date	7,048.71

➤ The details of funds available for sanction under "Singara Chennai 2.0" for the financial year 2021-22 is given below:

Implementing agency	(Rupees in lakh)		
	"Singara Chennai 2.0" allocation for the financial year 2021-2022	"Singara Chennai 2.0" share already sanctioned for the financial year 2021-2022	Balance fund available
Greater Chennai Corporation / Chennai Metropolitan Water Supply and Sewerage Board	50,000	7,048.71	42,951.29

3. Now, Project Sanctioning and Monitoring Committee (PSMC) during its 6th meeting held on 11.01.2022 and in its Circular Res.No.1/2022 dated 24.01.2022 has approved various new projects to Greater Chennai Corporation as detailed below:

I. New projects approved by PSMC of "Singara Chennai 2.0" during its 6th meeting held on 11.01.2022

The Project Sanctioning and Monitoring Committee (PSMC), during its 6th meeting held on 11.01.2022 has approved the following Play field, Street Name Boards and Crematorium projects at an approved project cost of Rs.1,699.51 lakh ("Singara Chennai 2.0" Share: Rs.1,699.51 lakh) under "Singara Chennai 2.0" for the financial year 2021-2022, subject to the conditions specified in the appraisal report.

Name of Project	(Rupees in lakh)				
	Proposed		Appraised		"Singara Chennai 2.0" Share financial year 2021-2022
	Nos of Works	Estimated cost - GCC	Nos of Works	Cost TUFIDCO	
Play field	10	872.15	10	718.80	718.80
Street Name Boards	1	1,002.18	1	842.51	842.51
Crematorium	6	228.20	6	138.20	138.20
Total	17	2,102.53	17	1,699.51	1,699.51

The Principal Secretary / Commissioner, Greater Chennai Corporation informed that the proposed play fields will provide both active and passive recreational opportunities to citizens in Chennai. Having a play area nearby will encourage youth to take up sports seriously as part of their routine. The proposed play fields will feature football, badminton and volley ball courts as well as facilities for youth to participate in sports and succeed in their lives. He has informed that the Street Name Boards with reflective sheets are proposed to ensure that the street name signs are visible at night as well. In addition to meeting infrastructure requirements, these boards will help the public identify and locate roads easily. Further, the Name Boards will also enhance the aesthetics of the city. He has also informed that, the proposed Crematorium projects will be developed in a clean and hygienic consolable place with natural elements and are inclusive of all modern facilities, environmentally friendly combustion arrangement, memorial shed, a meditation room, drinking water facilities, toilets, and garden around it.

II. New projects approved by PSMC of "Singara Chennai 2.0" in its Circular Res.No.1/2022 dated: 24.01.2022

Chennai is the fourth largest metropolitan city in India with an area of 426 sq.km and a population of over 8 million. Chennai city frequently experiences flooding due to heavy rain associated with depressions & cyclones. Catastrophic floods during 1943, 1976, 1985, 1996, 2005, 2015 & 2021 had caused heavy damages to infrastructure of the city and loss of lives. All these events show that Chennai is not prepared to deal with this flash flood without facing any hindrances in their way or causing any loss of life or damage to existing infrastructure.

The flat terrain of Chennai City needs effective Storm Water Drainage System to prevent water stagnation in roads. The terrain of Chennai City is flat and average level of the land in the city is only 2.5m above the Mean Sea Level (MSL). Because of this flat terrain and partial coverage of roads with Storm Water Drains, flooding and water stagnation happens in the city during the monsoons. The southern parts of Chennai received heavy rains during the monsoon times and this has resulted in water stagnation in the interior areas. To protect the urban areas against flooding, additional storm water drainage systems are to be planned and implemented in a structured manner considering various aspects of designs, operation and maintenance and economics.

The Greater Chennai Corporation has taken up various flood mitigation measures since 2016 after the mega floods in 2015. New drains and rehabilitations of the old dilapidated drains have been taken up at 557 locations measuring to a length of 200 km from the year 2016 to 2020. During the North East Monsoon 2020 & 2021, the total rainfall experienced in Chennai city was 33% excess of regular average rainfall in North East Monsoon. Also, due to climate change, rainfall pattern has completely changed from normal precipitation spread over the entire North East Monsoon period to high intensity rainfall in short spells. Also, the regular cyclonic storms pose additional problems to the coastal city which has a flat terrain of 2.0 m MSL. Despite the higher intensity rainfall of 95.6 mm, 154.3 mm, 98.90 mm occurred on 29.10.2020, 25.11.2020 and 26.11.2020 respectively and no rain water stagnation was observed in the places where reconstruction of Storm Water Drain and new Storm Water Drain were constructed in the last 2 to 3 years.

A detailed study and field inspections were carried out by the Engineers of Storm Water Drain Department and the Engineers of the respective zones. These sites were also inspected by Chief Engineer (General), then Deputy Commissioner (Works), then Regional Deputy Commissioners. Roads in the proposed project areas were severely affected by Monsoon 2020 & 2021. Based on the observations, the Greater Chennai Corporation has prepared the block cost estimate.

Accordingly, the Principal Secretary / Commissioner, Greater Chennai Corporation in the letter dated 06.01.2022 has forwarded project proposals for "Design, Engineering and Construction of the Storm Water Drain in Greater Chennai Corporation" at a cost of Rs.18,467 lakh, under "Singara Chennai 2.0" for the financial year 2021-2022 (Singara Chennai 2.0 Share: Rs. 18,467 lakh) as detailed in table below:

New Projects – Approved by PSMC in its Circular Res.No.1/2022, Dated 24.01.2022			
Sl. No.	Zone No.	Name of Work	(Rupees in lakh) Estimated Amount (Singara Chennai 2.0 share)
1	9	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Sethammal Colony, Chitharanjan Salai in Adyar Basin in Zone-9	2691.00
2	10	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around P.V.Rajamannar Salai, K.K.Nagar in Adyar Basin in Zone-10	2928.00
3	10	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Vembuliamman Koil Street, Virugambakkam in Adyar Basin in Zone-10	2243.00
4	10	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around 18 th Avenue Ashok Nagar in Adyar Basin in Zone-10	715.00
5	10	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Parangusapuram in Coom Basin in Zone-10	951.00
6	10	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Bazullah Road, T.Nagar in Adyar Basin in Zone-10	1865.00
7	6	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Ambedkar College Road, Demellows Road & Decastor Road to B Canal in Zone-6	2371.00
8	5	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Sydenhams Road in Coom Basin in Zone-5	2499.00
9	9	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Habibullah Road in Adyar Basin in Zone-9	296.00
10	10	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Munusamy Salai in Adyar Basin in Zone-10	1576.00
11	9	Design, Engineering and Construction of Storm Water Drain to prevent water logging in and around Thirumalaipillai Road in Adyar Basin in Zone-9	332.00
Total			18,467.00

The Principal Secretary / Commissioner, Greater Chennai Corporation informed that the above proposals are based on the Advisory Committee on Mitigations and Management of Flood Risk in Chennai Metro in their Interim Report of Flood Risk reduction in Chennai Metro. He has also informed that, the Greater Chennai Corporation has prepared the estimates based on the detailed study, field inspections by the Storm Water Drain department, Engineers of respective Zones, Chief Engineer General, Deputy Commissioner (Works) and Regional Deputy Commissioners. The designs were made by Greater Chennai Corporation and the estimated cost arrived. The Commissioner also proposed the designs given by the Contractor to be vetted by IIT-Madras, along with the flow / hydraulic modeling at a sub-basin level. He has informed that, the proposed projects is expected to be completed within a period of 6 months, well before onset of the next monsoon. The Principal Secretary/Commissioner, Greater Chennai Corporation has requested to consider their proposal for "Design, Engineering and Construction of the Storm Water Drain in Greater Chennai Corporation" at a cost of Rs.18,467 lakh, under "Singara Chennai 2.0" for the financial year 2021-2022.

4. Accordingly, the Project Sanctioning and Monitoring Committee (PSMC) of "Singara Chennai 2.0" in its Circular Res.No.1/2022 dated: 24.01.2022, has resolved to approve "Design, Engineering and Construction of the Storm Water Drain in Greater Chennai Corporation" at a cost of Rs.18,467 lakh, under "Singara Chennai 2.0" for the financial year 2021-22 ("Singara Chennai 2.0" Share: Rs. 184.67 crore), with a condition that, the designs are to be vetted by IIT-Madras along with the flow / hydraulic modeling at a sub – basin level.

5. With the above approval of Project Sanctioning and Monitoring Committee, the overall sanction under "Singara Chennai 2.0" for the financial year 2021-2022 is tabulated as follows:

Sl. No	Description	Approved Cost (Rupees in lakh)
	Fund allocation (Greater Chennai Corporation / Chennai Metropolitan Water Supply and Sewerage Board)	50,000.00
1	Sanctioned in G.O (D) No.467, Municipal Administration and Water Supply (MC.1) Department, Dated 10.12.2021	3,757.78
2	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 3 rd meeting held on 03.12.2021	180.75
3	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 4 th meeting held on 17.12.2021	3,110.18
4	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 5 th meeting held on 29.12.2021(dropped)	0
5	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in its 6 th meeting held on 11.01.2022	1,699.51
6.	Approved by Project Sanctioning and Monitoring Committee of "Singara Chennai 2.0" in Its Circular Res.No.1/2022 dated: 24.01.2022	18,467.00
	Overall Sanction accorded till date	27,215.22
	Balance fund available	22,784.78

6. The Additional Chief Secretary / Chairman and Managing Director, Tamil Nadu Urban Finance and Infrastructure Development Corporation Limited has requested the Government to accord administrative sanction for implementation of the Play field, Street Name Boards and Crematorium projects at an approved project cost of Rs.1,699.51 lakh ("Singara Chennai 2.0" Share: Rs.1,699.51 lakh) under "Singara Chennai 2.0" for the financial year 2021-22, subject to the conditions specified in the appraisal report. (as approved by the Project Sanctioning and Monitoring Committee (PSMC) during its 6th meeting held on 11.01.2022). He has also requested the Government to accord administrative sanction for implementation of "Design, Engineering and Construction of the Storm Water Drain in Greater Chennai Corporation" at a cost of Rs.18,467 lakh, under "Singara Chennai 2.0" for the Financial Year 2021-22 ("Singara Chennai 2.0" Share: Rs. 18,467 lakh), with a condition that, the designs are to be vetted by IIT-Madras along with the flow / hydraulic modeling at a sub - basin level.

7. The Government after careful examination of the proposal of the Additional Chief Secretary / Chairman and Managing Director, Tamil Nadu Urban Finance and Infrastructure Development Corporation Limited, accord administrative sanction for implementation of the Play field, Street Name Boards and Crematorium projects at an approved project cost of Rs.1,699.51 lakh ("Singara Chennai 2.0" Share: Rs.1,699.51 lakh) under "Singara Chennai 2.0" for the financial year 2021-22, subject to the conditions specified in the appraisal report. (as approved by the Project Sanctioning and Monitoring Committee (PSMC) during its 6th meeting held on 11.01.2022). The Government also accord administrative sanction for implementation of "Design, Engineering and Construction of the Storm Water Drain in Greater Chennai Corporation" at a cost of Rs.18,467 lakh, under "Singara Chennai 2.0" for the Financial Year 2021-2022 ("Singara Chennai 2.0" Share: Rs.18,467 lakh), with a condition that, the designs are to be vetted by IIT-Madras along with the flow / hydraulic modeling at a sub - basin level.

8. This order issues with the concurrence of Finance Department vide its U.O.No.22/DS(PT)/Fin(MAWS)/2022, Dated 25.01.2022.

// BY ORDER OF THE GOVERNOR //

**SHIV DAS MEENA
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

To

✓ The Additional Chief Secretary / Chairman & Managing Director,
Tamil Nadu Urban Finance and Infrastructure Development Corporation
Limited, Chennai - 600 035.

The Principal Secretary / Commissioner,
Greater Chennai Corporation, Chennai - 600 003.

// Contd //

The Director of Municipal Administration,
Raja Annamalaipuram, Chennai – 600 028.

The Pay and Accounts Officer (East), Egmore, Chennai – 600 008.

The Principal Accountant General (A&E / (G&SSA),
Chennai – 600 009/18.

The Director of Local Fund Audit, Chennai – 600 035.

Copy to:-

The Senior Personal Assistant to the Hon'ble Minister (Municipal
Administration), Chennai – 600 009

The Senior Private Secretary to the Additional Chief Secretary to
Government, Municipal Administration & Water Supply Department,
Chennai – 600 009.

The Finance (MAWS) Department, Chennai – 600 009.

The Municipal Administration & Water Supply (Budget / OP.II) Department,
Chennai – 600 009.

Spare Copy / Stock File

// Forwarded By Order //

12244
25/01/2022
SECTION OFFICER

4/10
25/01/2022