



## ABSTRACT

Announcement - Highways and Minor Ports – Metro wing – Chennai Metropolitan Development Plan (CMDP) Division IV – “Construction of Vehicular Under Pass (VUP) at the junction of Mount Medavakkam & Southern sector of Inner Ring Road near Madipakkam” – Integrated with Chennai Metro Rail Limited (CMRL) proposal – Administrative and Financial Sanction – Accorded – Orders – Issued.

### Highways and Minor Ports (HW2) Department

G.O.(Ms) No. 123

Dated: 09.12.2021

பிலவ, கார்த்திகை-23, திருவள்ளூர்வராண்டு 2052

Read:

1. G.O.(D) No.203 Highways and Minor Ports (HW1) Department, dated 13.12.2011
2. G.O.(Ms) No.142, Highways and Minor Ports (HW2) Department, dated 14.11.2014
3. G.O.(Ms) No.24 Highways and Minor Ports (HW1) Department, dated 28.01.2020
4. Government Letter No.10999/HW2/2020-1, dated 22.12.2020
5. From the Chief Engineer (H) (FAC), Metro Letter No. 643/ 2012/ AE-VII, dated:13.08.2021

### ORDER:

In Government Order first read above, Government have accorded Rs.25.00 lakh for the preparation of Detailed Project Reports (DPR) for “Construction of Road Under Bridge (RUB) at junction of Mount-Medavakkam and Southern Sector of Inner Ring Road near Madipakkam” in order to ease the traffic congestion and also for developing the Highways Infrastructure and providing a better connectivity in the Chennai Metropolitan area.

2. The Hon'ble then Chief Minister has made the following Announcement in the floor of the Assembly under Rule 110 of the Tamil Nadu Assembly Rules on 25-07-2014:-

“சென்னை பெருநகரில் பெருகிவரும் போக்குவரத்தின் தேவைகளை கருத்தில் கொண்டு, 185 கோடியே 50 லட்சம் ரூபாய் மதிப்பில் மேடவாக்கம் மற்றும் கீழ்க்கட்டளையில் இரண்டு பல்வழிச்சாலை மேம்பாலங்களும், 50 கோடி ரூபாய் மதிப்பில் தெற்கு உள் வட்டசாலையில் வாகன சுரங்கப்பாதையும் ஜப்பான் பண்ணாட்டு

ஒருங்கிணைப்பு முகமையின் நிதியுதவியுடன் கட்டப்படும். 58 கோடி ரூபாய் மதிப்பில், பருத்திப்பட்டு, ராமாவரம் மற்றும் நொளம்பூர் அருகே மூன்று உயர்மட்ட பாலங்களும், 12 கோடி ரூபாய் மதிப்பில் தாம்பரம் ரயில்வே நிலையத்திற்கு அருகில் நகரும் படிக்கட்டுகளுடன் சஷடிய ஒரு நடைமேம்பாலமும் அமைக்கப்படும்.”

3. In Government Order second read above, the Government issues in-principle approval for Construction of RUB at junction of Mount Medavakkam and Southern Sector of Inner Ring Road near Madipakkam among other works and also requested the Chief Engineer (Metro), Highways Department to send the Detailed Project Report to Government for Sanction of amount to execute the above works and Administrative Sanction can be obtained separately after the Detailed Project Report is approved.

4. In Government Order third read above, among other orders, the Government have accorded Administrative Sanction for a sum of Rs.36.25 Crore for Land Acquisition with revised nomenclature for "Construction of Vehicular Underpass at the junction of Mount Medavakkam Road & Southern Sector of Inner Ring Road near Madipakkam".

5. The Hon'ble Minister for Public Works has made the following announcement on 27.08.2021 in the floor of the assembly during the budget demand of Highways and Minor Ports Department during the year 2021-2022.

சென்னை பெருநகர பகுதியில் போக்குவரத்து நெரிசலைக் குறைப்பதற்காக பல பணிகளில் "மவுண்ட் பூந்தமல்லி ஆவடி சாலையில் இராமபுரம் மற்றும் முகலிவாக்கம் சந்திப்புகளில் 3.14 கி.மீ. நீளத்திற்கு உயர் மட்ட சாலை மற்றும் மவுண்ட் மேடவாக்கம் சாலை மற்றும் உள்வட்ட சாலை சந்திப்பில் கீழ்பாலம்" ஆகிய இரு பணிகள் ரூ.403 கோடி மதிப்பில் சென்னை மெட்ரோ இரயில் நிறுவனத்துடன் ஒருங்கிணைந்து மேற்கொள்ளப்படும்.

6. The Chief Engineer (H) (FAC), Metro has also stated that as per the proposal, the land width requirement for the VUP is 30.50m. Whereas, the existing land width available in the project area is about 21m to 22m only, in order to, necessitating land acquisition for the balance width, the Land Acquisition estimate for the above work was prepared for Rs.36.25 Crore and the same was sanctioned in Government Order 3<sup>rd</sup> read above.

7. The Chief Engineer (H) (FAC), Metro has stated that as a later development, the alignment of CMRL Phase-2 in corridor-5 crosses the VUP alignment, the CMRL was requested to plan the corridor-5 alignment without affecting the above VUP project on 20.08.2019. The CMRL in turn requested the Highways Department to make provision for CMRL viaduct piers in the VUP structure vide their letter dated: 26.10.2019.

8. The Chief Engineer (H) (FAC), Metro has further stated that during the meeting on 27.12.2019, the alignment of both VUP and Metro Corridor-5 are common for about 150m on Medavakkam side VUP Ramp, therefore it was proposed that simultaneous construction of both VUP & CMRL structure would be desirable. Subsequently, the Government was addressed to accord necessary permission for

entrusting the VUP construction work to CMRL and in principal approval for taking up the work integrated with CMRL.

9. In the Government letter 4<sup>th</sup> read above, the Government has convened in-principle approval for integrated vehicular under pass near Madipakkam and also requested the CMRL to send the exact cost to be borne by the state with respect to the work and it would be deposited at the appropriate time.

The details of the proposal are as follows:-

**Vehicular under pass components provided by CMRL as per Highways requirements**

No of lanes	2 intermediate lanes
Width of carriageway	5.5m (On either side of the median)
Median Width (Towards Alandur)	1.2m

Since the CMRL Phase – 2, Corridor-5 pillars falls on Medavakkam side VUP alignment, width of U trough on Medavakkam side is flaring gradually beyond the closed box to accommodate CMRL pillars.

Median Width (Towards Medavakkam)	3.0m
Median Flaring slope	1 in 20
Ramp Longitudinal slope	1 in 25
Slope inside box	1 in 200
Cross slope	1 in 40
Box length	45m
No of cells in Box	2 Nos
Width of Box	14.2m
Clear vertical height in box	4.5m
VUP Ramp Alandur Side	121.7m
VUP Ramp Medavakkam side	128.318m
Service road width	5.75 m (Medavakkam side) & 6.65m (Alandur side)
Drain cum footpath width	2.00 m

10. The Chief Engineer (H) (FAC), Metro has further stated that the Highways component is worked out based on the contribution of that component in the integrated proposal, excluding Land Acquisition, the CMRL has furnished cost estimate for the construction of Vehicular Under Pass and its related works.

11. The overall cost for the construction of vehicular under pass at the junction of Mount Medavakkam road and the Southern Sector of Inner Ring road near Madipakkam is worked out by the CMRL as Rs.50,93,72,390/-, as the Highways Department component. The cost of Land Acquisition has not been included in the project cost submitted by CMRL.

Therefore, land acquisition required for the integrated construction of Vehicular Under Pass and CMRL viaduct will be completed by the Highways department.

12. The Chief Engineer (H) (FAC), Metro has therefore requested the Government to accord Administrative Sanction for a sum of Rs.50,93,72,930/- for the work of Construction of Vehicular Under Pass (VUP) at the junction of Mount Medavakkam road and the Southern Sector of Inner Ring road near Madipakkam as worked out by the CMRL, so as to deposit the same to the CMRL at appropriate time, as and when required by CMRL.

13. The Government after careful examination, accept the proposal of Chief Engineer (H) (FAC), Metro and accord Administrative Sanction at a cost of Rs.45,49,52,263/- (Rupees Forty five crore forty nine lakh fifty two thousand two hundred and sixty three only) for the work of Construction of Vehicular Under Pass at the junction of Mount Medavakkam road and the Southern Sector of Inner Ring road near Madipakkam as worked out by the CMRL, as detailed below and the Chief Engineer (H) (FAC), Metro may be requested to deposit the same to the CMRL at appropriate time as and when required by CMRL and accord financial sanction for a sum of Rs.11,37,38,066/- in the current financial year. The balance amount will be released in the subsequent financial year based on the requirement.

Description	Sanctioned Amount (in Rupees)
Civil Cost	38,87,15,194
Contingencies 2.5%	97,17,880
Shifting of Utilities 2%	77,74,304
Department and Supervision charges 12.5%	NIL
<b>TOTAL CIVIL COST</b>	<b>40,62,07,378</b>
GST 12%	4,87,44,885
<b>TOTAL COST</b>	<b>45,49,52,263</b>

14. The expenditure sanctioned in para-13, above shall be debited to the following head of account:-

"5054 – Capital Outlay on Roads and Bridges – 80 General – 800 – Other Expenditure – States Expenditure – JW – Chennai Metropolitan Development Plan – Traffic and Transport Improvement in Chennai City – 416 Major works – 01.Major Works."

**IFHRMS (DP code: 5054-80-800-JW-41601)**

15. The Chief Engineer (H) (FAC), Metro is authorized to incur the expenditure sanctioned in para-13 above.

16. The expenditure sanctioned in Para 13 above shall constitute an item of "New Instrument Service" and approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be initially met by an advance from the Contingency Fund. The Chief Engineer (Metro) (FAC), Highways Department is directed to calculate the actual amount required for the period upto next Supplementary Estimates and apply for sanction of the same as advance from the Contingency Fund to Finance (B.G-I) Department directly in Form 'A' appended to the Tamil Nadu Contingency Fund Rules, 1963 along with a copy of this order. Orders for sanction of an advance from the Contingency Fund will be issued from Finance (B.G-I) Department. The Chief Engineer (Metro) (FAC), Highways Department is also directed to send a draft explanatory notes for inclusion the above expenditure in the Supplementary Estimates 2021-2022 to Finance (BG-I/PW-I) Department without fail.

17. This order issues with the concurrence of Finance Department vide its U.O.No.53429/PW-I/2021, dated: 07.12.2021 with Additional Sanction Ledger No.1089 (One thousand and eighty nine)

**(By Order of the Governor)**

**Dheeraj Kumar**  
Principal Secretary to Government

**To**

The Chief Engineer (H) (FAC), Metro, Chennai-25  
The Managing Director, Chennai Metro Rail Limited,  
Koyambedu, Chennai-107

The Accountant General, Chennai-18

The Pay & Accounts Officer (South), Chennai-35

**Copy to:**

The Office of the Hon'ble Chief Minister, Chennai-9

The Special Personal Assistant to Minister for Public Works  
(Buildings, Highways and Minor Ports), Chennai-9

The Private Secretary to the Principal Secretary to Government,  
Highways & Minor Ports Department, Chennai-9

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

C.No.10353/HW2/2021

SF/SC

**//Forwarded By Order//**

  
**Section Officer** 31/12/2021



