



### ABSTRACT

Announcement - Highways and Minor Ports – "Construction of Multi level Grade Separator on Mount - Poonamallee - Avadi Road from MIOT Hospital to Mugalivakkam via Ramapuram, L&T and DLF" – 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.136

Dated: 20.12.2021

பிலவ, மார்கழி-5, திருவள்ளூர்வராண்டு 2052

Read:

1. G.O.(D) No.20, Highways and Minor Ports (HW2) Department, dated 08.02.2018
2. G.O.(Ms) No.24, Highways and Minor Ports (HW1) Department, dated 28.01.2020
3. Government Letter No.10999/HW2/2020-1, dated 22.12.2020
4. From the Chief Engineer (H) (FAC), Metro Letter No. 3075/ 2018/ AE-III, dated:17.08.2021

### ORDER:

In the Government Order first read above, among other orders, Government have accorded Administrative Sanction for a sum of Rs.90.00 lakh for preparing the Detailed Project Report (DPR) for the "Construction of Multi level Grade Separator on Mount - Poonamallee - Avadi Road from MIOT Hospital to Mugalivakkam via Ramapuram, L&T and DLF".

2. In the Government Order second read above, among other orders, Government have accorded Administrative Sanction for Land Acquisition for the sum of Rs.33.60 crore for the work of "Construction of Multi level Grade Separator on Mount - Poonamallee - Avadi Road from MIOT Hospital to Mugalivakkam via Ramapuram, L&T and DLF".

3. The Hon'ble Minister for Public Works (Building, Highways and Minor Ports) 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.

4. In the letter fourth read above, the Chief Engineer (H) (FAC), Metro has stated that the CMRL proposal of Elevated Metro Line overlaps with the above Grade Separator proposal for the entire length, the Steering Committee decided that CMRL would prepare the comprehensive DPR integrating both the Highways and Metro Rail projects and also CMRL shall take up the construction of the above Grade Separator integrated with CMRL projects.

5. The Chief Engineer (H) (FAC), Metro has stated that the Land Acquisition for the above work will be done by Highways Department. Meanwhile, the CMRL has requested to deposit the cost for construction of Highway Grade Separator portion, so as to enable them to proceed with the tendering process.

6. The Government has convened "in principle approval" for multi level grade separator and also requested CMRL to send the exact cost to be borne by the State and it would be deposited at the appropriate time vide Government letter third read above.

7. The Chief Engineer (H) (FAC), Metro has also stated that integrated proposal for the Metro Rail and Grade Separator has been prepared by the CMRL incorporating the Highways requirements. The Grade Separator Viaduct is proposed in Level -1 and the Metro Rail Viaduct is proposed in Level-2. The features of the Grade separator are as follows:

- The Grade Separator Ramp starts at km 2/729 and ends at Km 5/869 of Mount - Poonamallee - Avadi Road. **The total length of Grade separator is 3140 m.**
- The Grade Separator consists of 4 lanes with dual two lane 7.5m carriageway and 0.5m crash barrier on either side of the Single pier.
- The vertical clearance for the Grade Separator proposed is a minimum of 5.50m from the bottom of pier cap to existing road level duly taking into consideration of future strengthening of the existing road. The level-1 Grade Separator portion is also having a minimum vertical clearance of 5.50m from bottom of Metro pier-caps.
- 3 lane dual carriageway at grade is ensured in via duct portion and in approach portions 7.5 m carriageway at grade is proposed.

8. The Chief Engineer (H) (FAC), Metro has stated that the Highways Component has been worked out by CMRL, based on the contribution of that component in the integrated proposal excluding Land Acquisition. Wherever there is only a Grade Separator item, 100% has been attributed to Grade Separator and vice-versa to CMRL Viaduct. The overall cost of the Integrated project of both CMRL and



Highways has been arrived as Rs.565,91,91,141/- by CMRL. The abstract cost given by CMRL for Highways Grade Separator portion, is as follows:-

Description	Amount (in Rupees)
<b>Civil Cost</b>	<b>268,69,79,873</b>
Contingencies 2.5%	6,71,74,497
Shifting of Utilities 2%	5,37,39,597
Department and Supervision charges 12.5%	33,58,72,484
<b>TOTAL CIVIL COST</b>	<b>314,37,66,451</b>
GST 12%	37,72,51,974
<b>TOTAL COST</b>	<b>352,10,18,425</b>

9. The Chief Engineer (H) (FAC), Metro has therefore requested the Government to accord Administrative Sanction for a sum of Rs.352,10,18,425/- for the work of "Construction of Multi level Grade Separator on Mount - Poonamallee - Avadi Road from MIOT Hospital to Mugalivakkam via Ramapuram, L&T and DLF" so as to deposit the cost of the Highways Grade Separator component to CMRL at the appropriate time as and when required by CMRL.

10. The Government after careful examination, accept the proposal of Chief Engineer (H) (FAC), Metro and accord Administrative Sanction and Financial Sanction at a cost of Rs 314,48,41,243/- (Rupees Three hundred and fourteen crore forty eight lakh forty one thousand two hundred and forty three only) for the work of "Construction of Multi level Grade Separator on Mount - Poonamallee - Avadi Road from MIOT Hospital to Mugalivakkam via Ramapuram, L&T and DLF" as detailed below and also the Chief Engineer (H) (FAC), Metro is requested to deposit the same to the CMRL at appropriate time as and when required by CMRL.

Description	Sanctioned Amount (in Rupees)
<b>Civil Cost</b>	<b>268,69,79,873</b>
Contingencies 2.5%	6,71,74,497
Shifting of Utilities 2%	5,37,39,597
Department and Supervision charges 12.5%	NIL
<b>TOTAL CIVIL COST</b>	<b>2,80,78,93,967</b>
GST 12%	33,69,47,276
<b>TOTAL COST</b>	<b>314,48,41,243</b>

11. The expenditure sanctioned in para-10, 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)**

12. The Chief Engineer (H) (FAC), Metro is authorized to incur the expenditure sanctioned in para-10 above.

13. The expenditure sanctioned in Para 10 above shall constitute an item of “New Instrument of 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

14. This order issues with the concurrence of Finance Department vide its U.O.No.54903/PW-I/2021 dated: 16.12.2021 and Additional Sanction Ledger No.1181 (One thousand one hundred and eighty one).

**(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  
All Sections of Highways and Minor Ports Department, Chennai-9  
C.No.10473/HW2/2021  
SF/SC

**//Forwarded By Order//**

  
**Section Officer**