



## ABSTRACT

Highways and Minor Ports Department – Formation of Chennai Peripheral Ring Road (CPRR) – Section-I (Northern Port Access Road) connecting Ennore Port with Thatchur on NH5 including Spur link of extension of ORR with NPAR including ITS component – Administrative Sanction – Accorded – Orders – Issued.

### Highways and Minor Ports (HW2) Department

G.O.(Ms) No.37

Dated : 08.03.2019

வினம்பி, மாசி 24 , திருவள்ளூர் 2050

Read:

1. G.O.(Ms).No.205, Highways (HW2) Department, dated: 05.10.2006
2. G.O.(Ms)No.94, Industries Department, dated: 23.04.2012
3. G.O (Ms) No. 183, Highways and Minor Ports (HW1) Department, dated: 02.11.2012
4. G .O (Ms) No. 33, Highways and Minor Ports (HF2) Department, dated: 19.02.2016
5. G.O.(Ms) No: 74, Highways and Minor Ports (HW2) Department, dated: 09.05.2018
6. G.O.(Ms)No.76, Highways and Minor Ports (HW2) Department, dated: 09.05.2018
7. Government Letter No.2281/HW2/2014-39, dated 03.08.2018
8. The Project Director (H), CKIC Project, CPRR, Chennai Letter No. AE/CPRR/SEC-I/A, dated 08.11.2018 & 04.12.2018

### ORDER:

During the Budget Session 2012-2013, the Hon'ble Chief Minister has announced as follows:-

“மாமல்லபுரத்தையும், எண்ணூர் துறைமுகத்தையும் இணைக்கும் வகையில், 1420 கோடி ரூபாய் மதிப்பீட்டில், சுமார் 162 கி.மீ நீளமுடைய புதிய வழித்தடம் சிங்கப்பெருமாள் கோவில், ஸ்ரீபெரும்புதூர், திருவள்ளூர், தாமரைப்பாக்கம், பெரிய பாளையம், புதுவயல், ஆகிய ஊர்களின் வழியாக காட்டுப்பள்ளி வரை சென்னை எல்லை சாலை, அதாவது (Chennai Peripheral Road) பணிக்கான திட்ட அறிக்கை தயாரிக்கப்படும். இத்திட்டத்தின்படி 83.20 கி.மீ. புதிய சாலைகள் அமைக்கப்படுவதுடன், ஏற்கெனவே உள்ள 78.60 கி.மீ. சாலைகள் மேம்படுத்தப்படும்.”

2. In Government Order third read above, the Government have accorded Administrative Sanction for Rs.10 Crore for the preparation of Detailed Project Report (DPR) for the above work and the same has been completed. The M/s STUP Consultants (P) Ltd was engaged as consultant to prepare DPR and the same have been prepared for the below alignment .

(i) This road starts at Ennore Port and ends at Ponneri Junction near Mamallapuram having a length of 133.65 km which is split into 5 sections.

Section-I:	Northern Port Access Road – Ennore Port to Thatchur on NH-5 (25.50 km)
Section-II:	Thatchur on NH-5 to start of Thiruvallur Bypass (26.25 km)
Section-III:	Start of Thiruvallur Bypass to Sriperumbudur on NH-4 (29.55 km)
Section-IV:	Sriperumbudur on NH-4 to Singaperumalkoil on NH-45 (24.85 km)
Section-V:	Singaperumalkoil on NH-45 to Mamallapuram SH 49-A (27.50 km)

3. In the Government Order fourth read above, Government have accorded administrative sanction for Land Acquisition for Section-I (Northern Port Access Road) for a sum of Rs.951 Crore and the Land acquisition process is in progress in 15 Villages of Ponneri Taluk in Thiruvallur District and in the Government Order second read above, TNRDC was nominated as Managing Associates for the Land Acquisition work for NPAR (Section-I) of CPRR.

4. In the Government Order fifth read above, Government have accorded Administrative Sanction for Land Acquisition works in 558.53 Hectares in the section II, III & V at a cost of Rs.2603.32 Crore and it has been decided by the Government to implement the CPRR Project under JICA Loan Assistance, accordingly this project is approved in the Rolling Plan of JICA assisted works.

5. In the Government Order first read above, Government have accorded Administrative Sanction for Land Acquisition works for 58.00 Km in two roads (i.e) Singaperumal Koil – Sriperumbudur road (24.6 Km) a part of SH 57(2) and Vandalur – Walajabad road (33.4Km) a part of SH48 for Rs.300 crore and the same comes under the Oragadam Industrial Corridor Project. In this connection, the Project Director, CKIC & CPRR project in his letter eight read above has stated that Section IV of CPRR is a part of the Oragadam Industrial Corridor Project and extends to a length of 24.6 Km in between Singaperumal Koil – Sriperumbudur road which is a part of SH 57 and for the same LA, and civil works is nearing completion.

6. The Project Director, CKIC and CPRR project has also stated that the Chief General Manager, Tamil Nadu Road Development Company limited has proposed to implement the Section - I starting from Ennore Port to Thatchur at NH5 (NPAR) (i.e.,) 20.9 Km including spur road of extension of CORR to link with NPAR for a length of 3.7Km totaling 24.60 Km as Phase I under JICA ODA loan and for the same a proposal for Rs.4,646 Crore has been sent to Department of Economic Affairs, Government of India vide Government letter seventh read above.

7. The Project Director, CKIC and CPRR Project has further reported that the finalized DPR for the Phase I work of construction of Chennai Peripheral Ring Road Section I (Northern Port Access Road) from Ennore Port to Thatchur at NH5 including spur road of extension of CORR to link NPAR envisaged the following facility:-

The proposal is for 4 lane Access Controlled divided main carriageway with 2 lane carriageway service road on both sides. Considering the future requirements involved in this project, structures such as Bridges, VUP's (Vehicular Under Pass) etc. in main carriageway will be for a six lane width. In this proposal, one ROB, one clover leaf interchange at NH 5, elevated road for 2.1 Km near Port, 8 vehicular under pass, pedestrian under pass and cross drainage culverts, etc. at appropriate needy locations are included. Apart from the above for main NPAR, the ORR extension will have one elevated road portion for 2.20 Km length with a 6 lane carriageway the cross over facility at ORR - TPP Road Junction. There are two toll plazas also included.

The cost projections of all those components are as follows:

**(A) Cost break up proposed now for Administrative Sanction:-**

Sl. No		Description	in Crore (Rs.)
1	(a)	Cost of civil work (as per SOR 2018-19)	1728.00
	(b)	Cost of I.T.S. including O&M	140.30
2		<b>Lumpsum Provisions</b>	
	(a)	Escalation charges 15% (3 years period)	280.25
	(b)	Consultancy services for Proof Checking, Transaction Advisory Service, Monitoring, Implementation and supervisory support	93.42
	(c)	Labour welfare fund (1%)	18.68
	(e)	Project Management Associate Cost 2% (for TNRIDC)	37.37
	(f)	GST 12% on 1868.30 Crore	224.2
	(g)	Utility shifting cost	57.78
	(j)	Contingencies 5%	93.42
		<b>Total Cost (1+2)</b>	<b>2673.42</b>

**(B)** Apart from the above, the following were included in the Project cost proposal sent to Department of Economic Affairs, Gol and these are not included in the above Administrative sanction proposal:-

Sl No	Description	Amount in Crore (Rs)
1.	Physical Contingencies	93.42
2.	Administration cost	120.96
3.	Project Management Consultancy charges	37.37
4.	Interest during construction	138.00
5.	Quality Control Charges	17.28
6.	Cost of Transaction Advisory 1% of civil work	17.28
7.	Debt. Servicing charges	24.19
8.	Other items	93.38
	<b>Total</b>	<b>541.88</b>

8. The Project Director, CKIC and CPRR Project has further stated that the above project is proposed to be implemented under EPC Item rate contract under the JICA ODA loan and the construction period for this project is 36 months and ITS - O&M period after construction is also 36 months. It is also proposed to collect user fee and the revenue generated through this will be realized by the Government. This CPRR Project Section I (Northern Port Access Road) is already cleared by the Department of Economic Affairs, Government of India for the inclusion in the JICA-ODA loan for the current year. Therefore, the implementation has to be started on execution of loan agreement. Before that, it is proposed to initiate the bidding process for engaging the consultants since this process alone will take six months time. In order to start the above process, the Administrative sanction for this project is required and the civil cost is called out from the overall cost estimate which comes out to Rs.2673.42 Crore.

9. The Project Director, CKIC and CPRR Project has therefore requested the orders of the Government on the following in order to proceed further in the above said project:

- Administrative sanction for the estimated cost of Rs.2673.42 Crore for the formation of Chennai peripheral Ring Road Section I (Northern Port Access Road) connecting Ennore Port with Thatchur on NH5 including Spur link of extension of ORR with NPAR including ITS component.
- The Project Director (Highways), CKIC, CPRR may be authorised to proceed with implementation process such as engaging consultants and bidding process as suggested by the JICA norms ahead of loan agreement to be signed with JICA.

10. The Government after careful examination, accept the proposal of Project Director (Highways), CKIC and CPRR Project and accord administrative sanction for Rs.2673,42,00,000/- (Rupees Two thousand six hundred and seventy three crore and forty two lakhs only) for the formation of Chennai peripheral Ring Road Section I (Northern Port Access Road) connecting Ennore Port with Thatchur on NH5 including Spur link of extension of ORR with NPAR including ITS component and

also authorize the Project Director (Highways), CKIC and CPRR Project to proceed with implementation process such as engaging consultants and bidding process as suggested by the JICA norms.

11. The amount sanctioned in para-10 above shall be debited to the following head of account:-

5054 CAPITAL OUTLAY on Roads and Bridges – 04 District and Other Roads – 337 Road Works – KG Project for the Construction of Chennai Peripheral Ring Road Project (CPRR) with JICA Assistance - 16 Major Works

(DPC: 5054 04 337 KG 1604)

The Chief Engineer (Highways), Construction and Maintenance is the estimating, reconciling and controlling authority for the above Head of Account.

12. The amount sanctioned in para-10 above will be released in the Financial Year 2019-2020

13. This order issues with the concurrence of Finance Department vide its U.O.No. 39/DS(B)/(PW-I)/2019, dated: 08.03.2019

**(BY ORDER OF THE GOVERNOR)**

**S.K.PRABAKAR**  
**ADDITIONAL CHIEF SECRETARY TO GOVERNMENT (FAC)**

To

The Project Director (H), Chennai Kanyakumari Industrial Corridor Project,  
Chennai Peripheral Ring Road, Chennai- 25.

The Chief Engineer (Construction and Maintenance),  
Highways Department, Chennai-25

The Chairman and Managing Director, Tamil Nadu Road Development Company,  
Chennai-28

The concerned Pay and Accounts Office, Chennai

The Accountant General, Chennai-18

**Copy to:**

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

The Private Secretary to Additional Chief Secretary to Government (FAC),  
Highways and Minor Ports Department, Chennai-9

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

C.No.16436/HW2/2018

SF/SC

**//FORWARDED BY ORDER//**

*V. Baghialakshmi*  
**SECTION OFFICER**