

File No. P-17024/24/2019-RC (369033)

**Government of India
Ministry of Rural Development
Department of Rural Development**

Krishi Bhavan, New Delhi
Dated the 10th February, 2020

MINUTES

Sub: Minutes of the Meeting of Empowered Committee to discuss the project proposals for PMGSY-III submitted by the State Government of Tamil Nadu for the 2019-20 (Batch-I) -reg.

The undersigned is directed to enclose herewith a copy of minutes of the meeting of Empowered Committee held on 6th February, 2020 under the Chairmanship of Secretary (RD) to consider the proposals submitted by the State of Tamil Nadu under PMGSY-III Batch-I (2019-20).

2. It is requested that a compliance report on all the observations of the Committee may be sent to the Ministry/NRIDA.



(Mamta)

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Distribution:

1. Shri.Hans Raj Verma, Additional Chief Secretary, Rural Development & panchayat Raj department, Fort St George, Chennai - 600 009
2. Dr.K.Baskaran, CEO of Nodal Department Directorate of Rural Development and Panchayat Raj, Directorate of Rural Development and Panchayat Raj department, Panagal Building, Saidapet Chennai- 600 015.
3. The Adviser, NITI Aayog
4. Shri I.K Pandey, DG (RD) &SS, Road Wing Department, Ministry of Road Transport & Highways Transport Bhawan, New Delhi.
5. The Chief Scientist, Central Roads Research Institute, Mathura Road, New Delhi.
6. The Secretary General, Indian Road Congress, Kama Koti Marg, Ranji Nagar, Sector 6, Rama Krishna Puram, New Delhi, Delhi 1100227.
7. The Secretary, Department of Agriculture, Cooperation and Farmers' Welfare, Ministry of Agriculture and Farmers' Welfare, Krishi Bhavan, New Delhi, with the request to nominate an officer dealing with Agricultural Produce and Live Stock Marketing (Promotion and Facilitation) Model Act 2017, for the meeting.
8. All Directors in National Rural Infrastructure Development Agency (NRIDA), 15 NBCC Tower, 5th Floor, Bhikaji Cama Place, New Delhi-110001

Copy for information to:-

PPS to MRD/PS to MoS/PPS to Secretary (RD)/ PSO to AS & FA/PPS to AS(RD).

MINUTES OF THE MEETING OF THE EMPOWERED COMMITTEE HELD ON 06th FEBRUARY, 2020 TO CONSIDER PROJECT PROPOSALS SUBMITTED BY GOVERNMENT OF TAMILNADU UNDER PMGSY III, BATCH I, 2019-20

A Meeting of the Empowered Committee (EC) was held on 06th February, 2020 at 12.00 PM under the Chairmanship of Secretary, Department of Rural Development to consider the proposals of the State of TamilNadu for PMGSY-III, Batch I of 2019-20. Following officials were present in the meeting.

Shri Rajesh Bhushan	Secretary (RD)
Shri Sanjeev Kumar	AS&FA (RD)
Smt. Alka Upadhyaya	Addl. Secretary (RD)
Shri Mam Chand	DS (Finance), MoRD
Miss Mamta	Joint Director (RC), MoRD
Shri. B C Pradhan	Director (Tech), NRIDA
Shri Deepak Ashish Kaul	Dir (F&A), NRIDA
Shri Mohanasundaram	Joint Director (Tech.), NRIDA
Shri Satyendra Prasad	Joint Director (Tech & WB), NRIDA
Shri Sunil Kumar	Joint Director (P-III), NRIDA
Shri Rajeav Lochan	Joint Director (P-II), NRIDA
Shri Harsh Nisar	Data Scientist, NRIDA
State Govt. Representatives	
Dr. K. S. Palanisamy	Director, RD&PR, Govt. of Tamil Nadu
Smt R. Rajshree	Addl. Director (R&B), RD&PR, Govt. of Tamil Nadu
Shri A. Sarvanakumar	SE, RD&PR, Govt. of Tamil Nadu
Shri R. Harikrishnan	SQC, RD&PR, Govt. of Tamil Nadu
Shri A.V. Rajesh	EE, RD&PR, TNRRDA, Govt. of Tamil Nadu
Smt. T. Sujatha	AEE, ITNO, TNRRDA, Govt. of Tamil Nadu
Shri R. Balachandran	FA&CAO (FC), TNRRDA, Govt. of Tamil Nadu

2. Current Proposal by the State:

A detailed presentation on the proposal for PMGSY-III, Batch I of 2019-20 submitted by the State of TamilNadu was made by NRIDA before the Empowered Committee. The details of the proposal are as under:-

Length (in km) Cost (Rs in Crores)

As per Pre EC dated 23.01.2020					Current proposal as per OMMAS as on 05.02.2020			
Item	No of Roads	Length	Cost	Avg. Cost/km (Lakhs)	No of Roads	Length	Cost	Avg. Cost/km (Lakhs)
Up-gradation	450	1376.74	772.21	56.09	299	1,043.86	563.13	53.94
Total	450	1376.74	772.21*	56.09	299	1,043.86	563.13*	53.94

*MoRD Share: Rs. 337.65 Crores

State Share : Rs. 225.48 Crores

PMGSY Allocation: 7,375 Kms

Sanctioned: Nil

Out of 299 proposed roads, 1 road (3.15 Km) is 7.0 m wide, 6 roads (22.10 km) are 5.5 m wide and 292 roads (1018.61 Km) are 3.75 m wide. All the proposals have been uploaded on OMMAS and scrutinized by STA.

Riding Quality Improvement (RQI) proposed for a length of 8.70 km. State has informed that the length was wrongly entered on OMMAS and the same will be corrected once unlocked.

3. Quality of Proposed Roads (Trace Map Ranks)

- i. Higher the trace map rank, higher the assumed use of the road directly and indirectly for access to schools, hospitals and markets.
- ii. Most high ranking roads are with R&B department in Tamil Nadu
- iii. State has been asked to focus candidate roads with 15-50 ranks while proposing Batch II proposals, before selecting roads of much lower ranks.

Details are in the table below:

Trace Map Rank	Number of Proposals	%
1-15	159	53%
15-50	91	30%
50-100	38	13%
100-300	12	4%

4. Direct Connectivity Statistics:

917 facilities directly lay on the 299 roads proposed. This perhaps is an underestimate as roads lead to facilities which don't have to be directly on the particular road itself. The details are as under:

Facility Type	Number of Unique Facilities
Admin	390
Education	158
Agro	148
Medical	123
Transport	98

5. Planning Compliances:

- i. Out of the 5 Terminating Link Routes identified during Pre EC, 3 have been dropped, 1 was found to be inter-district and 1 important for access of forest settlements and retained.
- ii. Candidate Road of top-50 coverage increased in-practice but not added in OMMAS yet which need to be done by 25.2.2019.
- iii. Discontinuous candidate roads claimed by state to be continuous but new trace map not submitted as proof.
- iv. Kattanoor to Mannarmudiyenthal (MRL02) in Narikudi block of Virudhunagar district is a terminating link route but State claim inter-block roads. The State was agreed to provide KML file for verification.

- v. State needs to submit clarification on Tiruvallur District Block Tiruvalangadu, MRL09-AT road to Valarpuram Road (Tiruvallur) (Tiruvalangadu) which appears to be 500 m only on GIS and not leading anywhere. State clarified that the actual length as per field and OMMAS is 2.50 Km and the road starts from Ramapuram and passing through Valarpuram village. This road act as a connecting road to SH105 and adjacent district namely Vellore. EC agreed to the claim of the State.
- vi. State needs to submit clarification on Dharampuri, Harur - MRL18-Sundangipatti to B.Morasupatti road which was recommended for DMF. The State clarified that that the road is inter block roads (Morappur and Harur blocks) which connects 3 habitations and metal quarry is available along the road.
- vii. State needs to submit clarification on Tiruvallur District Block Tiruttani, MRL25 which is proposed for 5.5m but the starting and ending roads are having 3.75 m carriageway width. Committee recommended that State should include these roads in next batch of proposals so that the candidate road is of uniform carriageway width.

6. e-MARG

Payment under e-Marg is done in 3 out of 15 districts. For remaining 12 districts, payment needs to be completed before the sanction is accorded to the proposals.

7. DPR Issues

- i. State needs to provide Copy of SLSC approval and Mandatory certificates duly signed by the competent authority. State has assured that SLSC approval will be done in two weeks time.
- ii. Overall Average cost of Tamil Nadu is comparable with other states. However, aaverage cost/Km seems to be on the higher side in Perambalur, Salem and Virudhunagar when compared to previous sanctions. State representative explained that the higher cost is due to roads in hill blocks, protective works and CD works. The EC agreed to the reply furnished by the State.
- iii. 32 roads are having average cost more than 75 Lakhs/Km for 3.75 m carriageway width which appears to be on the higher side as these roads are up-gradation/strengthening of existing roads. The cost of these roads needs to be rationalised based on site verification of SE/CE/Senior officers of SRRDA. The detailed site verification reports need to be provided along with justifications of higher cost.
- iv. 3rd party traffic survey or axle load survey details needs to be provided wherever roads proposed more than 1 MSA, as per guidelines.
- v. Design stage Road Safety Audit details needs to be provided for the roads proposed more than 5 Kms length for sample verification.
- vi. State should provide the rate analysis with comparison of cost between conventional method and IRC Accredited technology such as Nano technology stabilized base and sub-bases, Terrazyme, RBI 81 for Sub-grade- Stabilization, CMR Bitplast Wet Process for all roads and couple of DPRs using these technologies including rate analysis needs to be scrutinised at NRIDA.

8. Status of Marketing Reforms

TamilNadu has adopted Provision for e-trading, single point levy of market fee across the State/UT and Unified single trading license for State/UT under model APLM Act, 2017. The State may consider adopting additional reforms measures as per the model APLM Act.

9. Maintenance

Committee has agreed to the State's proposal of Rs. 3,827.48 crore (6.80% of the construction cost) for 5 years routine maintenance cost under PMGSY II and Rs. 12,451.19 crore (22.11% of the construction cost) for the 6th year's renewal coating.

10. R & D Proposals

The state has proposed 76 no of roads of 277.45 km using various new technologies as indicated below:

Sl.No	Name of Technology	No	Length(in Km)	Layers Used
1	Plastic waste	18	72.24	Surface course
2	Cement stabilization	9	28.63	Subbase/Base
3	Zycosoil Nanotechnology *	4	17.51	Subbase/Base
4	Nano Technology for Water proofing *	17	61.52	Surface course
5	BIT Plast *	21	75.79	Surface course
6	Terrazyme *	1	3.33	Sub base
7	RBI Grade 81*	6	18.43	Sub base & Base
	Total	76	277.45	

*DPRs need to be scrutinized on sample basis for the roads using IRC Accredited Materials/Technologies.

State has proposed 100.87 km (9.66% of length) using Main Streaming Technology and 176.58 km (17% length) using IRC Accredited Materials/Technologies as per New Technology Initiative guidelines. State was suggested to propose more roads using Waste Plastic Technology and State agreed to propose more length using Waste Plastic technology.

State must sign MoU with Technology Provider and NRIDA before physically starting the work for Performance Evaluation in all these cases. State needs to provide performance evaluation reports of earlier sanctioned works and the roads have been completed.

11. Quality Issues

State was advised to complete the inspection of remaining works not inspected so far by SQM in the State.

12. Progress of PMGSY works

State has achieved 823 km against the target of 1500 km during the current year. State has assured to complete the balance length by March 2020. Details of progress of the state are as under:

Roads

S.No	SCHEME	SANCTIONED		COMPLETED		BALANCE ROAD LENGTH (Km)
		Nos.	LENGTH (Km)	Nos.	LENGTH (Km)	
1	PMGSY I	7,678	16,319.53	7,334	15,661.697	508.51
2	PMGSY II	860	2,940.41	712	2,714.891	223.19
Total:		8,538	19,259.95	8,046	18,376.59	731.70

Bridges

S.No	SCHEME	SANCTION (Nos.)	COMPLETED (Nos.)	BALANCE (Nos.)	UNAWARDED (Nos.)
1	PMGSY I	97	73	24	Nil
2	PMGSY II	34	12	22	Nil
Total:		131	85	46	--

13. Finance Issues:

Committee observed that Audited balance sheet of Maintenance Fund has not been submitted by the State which will be sent in a week's time. Out of 72 works, 19 (26.38%) works are pending for financial closure for more than 180 days. State was advised to financially close all the physically completed works and send the compliance immediately.

10. Recommendations of Empowered Committee

Empowered Committee recommended the above proposal at Para 2 above subject to fulfillment of the observations made in the foregoing paras and compliance thereof.

11. The meeting ended with vote of thanks to the Chair.
