

P-17024/24/2019-RC (FMS No 369033)

Government of India
Ministry of Rural Development
Department of Rural Development
Rural Connectivity (RC) Division

Krishi Bhawan, New Delhi
Dated the 3rd February, 2020

MINUTES OF THE MEETING

Subject: Minutes of the Meeting of Pre Empowered Committee to discuss the Project Proposals for the State Government of Tamil Nadu under PMGSY-III-reg.

The undersigned is directed to enclose herewith the Minutes of the meeting of Pre-Empowered Committee held on 23rd Jan. 2020 to consider the project proposal submitted by the State of Tamil Nadu under PMGSY-III.

2. It is requested to submit the Compliance on the observations of Pre Empowered Committee at the earliest.



(AA Sreekanth)
Under Secretary (RC)
Tel: 011-23070978

Distribution:

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3. The Chief Engineer, Rural Development and Panchayat Raj, Directorate of RD&PR, Pangal Building, Saidapet, Chennai-15

Minutes of the Pre-Empowered Committee Meeting held on 23.01.2020 for the proposal of the State of Tamil Nadu for PMGSY-III, Batch I of 2019-20

A meeting of the Pre-Empowered Committee held on 23.01.2020 at 03.00 PM under the Chairpersonship of Addl. Secretary Department of Rural Development & DG (NRIDA) to consider the proposal of the State of Tamil Nadu for PMGSY-III, Batch-I of 2019-20. The following officials were present in the meeting.

Smt. Alka Upadhyaya	Addl. Secretary (RD) & DG (NRIDA)
Shri B.C. Pradhan	Director (Tech), NRIDA
Shri P. Mohanasundaram	Joint Director (Tech.), NRIDA
Shri Kailash Kumar Bisht	DD(F&A), NRIDA
Shri Harsh Nisar	Data Scientist, NRIDA
Shri A.A.Sreekanth	Under Secretary(RC)
State Govt. Representatives	
Shri. Hans Raj Verma	Addl. Chief Secretary to Govt. of Tamil Nadu
Dr. K.S. Palanisamy	Director of RD & PR, Tamil Nadu
Ms. Rajshree	Addl. Director, DRD&PR, Tamil Nadu
Sh. A. Saravanakumar	SE(RD), SRRDA, Tamil Nadu
Shri R. Hariksrishan	SE(QC) & SQC, DRD&PR, Tamil Nadu
Shri T. Sujatha	AEE(RD), DRD&PR, Tamil Nadu
Shri Pannerselvam	AEE(RD), DRD&PR, Tamil Nadu
Shri K. Balachandran	AO, SRRDA, Tamil Nadu

2. **Current Proposal by the State:**

The State Govt of Tamil Nadu has been allocated a length of 7375 km under the PMGSY-III. A presentation on the proposal submitted by the State was made by NRIDA before the Pre-Empowered Committee. The details are as under:

As per State's proposal					Current proposal as per OMMAS as on 22.01.2020			
Item	No of Roads	Length (in km)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)	No of Roads	Length (in km)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)
Up-gradation	450	1376.74	772.21	56.09	352	1139.01	566.08	49.70

Total	450	1376.74	772.21*	56.09	352**	1139.01	566.08	49.70
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*MoRD Share : Rs. 463.33 Crores State Share : Rs. 308.88 Crores

Target : 7,375 Kms Cleared :-

**45 roads of 108.33 Km for Rs. 58.09 Crores scrutinised by STA on OMMAS (Rs. 53.62 Lakhs/KM)

7.0 m width road – 1 No & Length 3.25 Km – Rs. 68.62 Lakhs/Km

5.5 m width road- 15 Nos & Length – 38.57 Km - Rs. 68.89 Lakhs/Km

3.75 m width road – 433 Nos & Length- 1334.95 Km – Rs. 55.69 Lakhs/Km

Length wise proposal details:-

As per State proposal, there are 450 roads and current proposals as per OMMAS as on 22.01.2020 is 352 roads. Out of the 450 roads proposed, 245 roads are less than 3 km (less than 1 km 2 roads, 1 to 2 km 100 roads, and 2 to 3 km 143 roads). The state was explained that these roads are part of the candidate roads in which candidate roads' length is more than 5 Km. However, these portions only required improvements/strengthening and remaining portions are in good condition and whose PCI is more than 4. Further, the State has submitted that the State Government is investing huge amounts on the road sector and it is difficult to get higher length roads under PMGSY-III. The State was asked to consider these roads under PMGSY-III. After due deliberations, the Committee decided to allow the State to propose roads with 2 km length and above. The State was asked to remove those roads proposed less than 2 km in the current batch of the proposal.

Planning related compliances

1. **Quality of Candidate Roads and Coverage:** OMMAS ensures that the top-15 trace map rank roads are considered as candidates for PMGSY-III. In the case of Tamil Nadu, the top-15 roads aren't in ownership with the department and are well maintained as per State. It's therefore pertinent for the SRRDA to consider the Top-50 Trace Map rank roads at least. An analysis of the same was conducted and it was found that certain Blocks don't have adequate coverage of Top-50 Trace Map Roads. Certain blocks which had no proposals hadn't adequately considered candidate roads either. It may be that the roads are not eligible after conditions of PMGSY-III such as DLP or PCI are verified. Nonetheless, that doesn't stop the roads from being considered in Candidate Roads. The SRRDA should ensure that all roads leading to access of facilities of interest are considered.

Action: TNRRDA has to increase the coverage to a satisfactory level in the Candidate Roads before the EC.

2. **Equity:** Certain blocks were flagged to have above average number of proposals and certain blocks have zero proposals. SRRDA to inspect the proposals in the Blocks with abnormally high number of proposals and increase the coverage in the Blocks with zero proposals to see if roads become eligible. Further, certain blocks have a high percentage of roads with less than 3 PCI as compared to the total rural road length in the Block.

Blocks with More than 6 Proposals

District	Blocks	Proposals
Perambalur	Alathur	6
Namakkal	Namagiripet	6
Coimbatore	Annur	6
Tiruvallur	Minjur	6
Karur	Kadavur	8
Salem	Thalaivasal	8
Tiruchirappalli	Musiri	10
Karur	Thogamalai	10
Namakkal	Paramathy	17
Namakkal	Kabilarmalai	21

Blocks with more than 20% of their total Block Rural Length with PCI < 3	
District	Block
Tiruppur	Madathukulam (40%)
Namakkal	Sendamangalam
Tiruchirappalli	Musiri
Karur	Thogamalai
Tiruppur	Kundadam
Cuddalore	Kattumannar Koil
Tiruppur	Dharapuram

Dindigul	Shanarpatti
Karur	Kulithalai
Dindigul	Nilakottai
Salem	Gangavalli (21%)

Action: SQC or Senior officials from the SRRDA to inspect proposals from the about mentioned District to see if the PCI entered by the PIUs actually correlates with the ground reality. If weighted PCI of certain roads is found to be greater than 3 in reality – the proposals should be dropped. A report on the roads visited shall be submitted as compliance during the EC.

3. **Habitation Mapping Issue:** It has also been found that the habitation mapping has been found to be insufficient in certain blocks. Habitation mapping decides the priority in which roads are being proposed in CUCPL. In most Blocks, all eligible roads are either proposed or excluded. The state may proceed with the current proposals from the existing CUCPL, but as Candidate Road Module is being unlocked to increase the candidate road coverage, the Habitation mapping for all the TR/MRL already entered should also be rectified.
4. **Action:** SRRDA need to conduct a fresh training to the PIUs and ensure habitation mapping (direct and in-direct) should be as per the guidelines of PMGSY-3 for all existing TR/MRLs and the new ones being entered.
5. **Discontinuous Merging of Roads in Candidate Roads:** The following candidate roads have been found to be discontinuous in nature when seen through GIS. The SRRDA to examine the cases as pointed during the pre-EC and listed below. Further, SRRDA to have a mechanism to ensure no such routes have been proposed in the current Batch-I and additional candidate roads to be added.

Action: Examine the discontinuous roads being proposed – if the route is not continuous, drop the proposals and request for deletion of such candidate roads. If there issue lies in GIS maps prepared, then fresh maps to be created.

District	Block	Road
Tiruvallur	Gummidipoondi	MRL29-Karadiputhur to Balakrishana puram VIA Kannan Kottai

Tiruppur	Kundadam	MRL12-Ichipatti to Kolumanguli road
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6. It has been decided that proposals which are of length less than 2 km to be dropped from the current Batch of proposals for PMGSY-III. It's assumed that if coverage of the candidate roads is increased, the average length of proposals may increase in the following batches.
7. All proposals containing terminating link routes are to be dropped from the Proposals by the SRRDA in the current batch till all the MRLs have been saturated by the State in the upcoming batches. Decision on Terminating Link Routes will be thereon taken after the State has increased coverage and saturated the MRL/TRs. Possible terminating links on sample basis are as below. The SRRDA to ensure themselves for the remaining.

District	Block	MRL/TR
Virudhunagar	Narikudi	MRL02-Kattanoor to Mannarmudiyenthal (Virudhunagar)(Narikudi)
Namakkal	Erumapatty	MRL04-Pavitrarn to Ambayeepalayam to Thottamudayanpatty (7 m carriageway width further)
Namakkal	Erumapatty	MRL03-Pavitrarn to Navaladipatty to Thottamudayanpatty Kolli hills road) (7m carriageway width further)
Tiruvallur	Minjur	MRL09-M.K.T ROAD TO CHEPAKKAM(VIA) NANDIAMBARKAM Kongiamman nagar
Tiruvallur	Minjur	MRL51-.P ROAD TO VELLAKULAM KRISHNAPURAM DEVADHANAM

8. In the current set of proposals as prepared, SRRDA to examine any WBM/Gravel road which would provide increase all-weather access to facilities as mentioned by PMGSY-III for rural habitations.

Action: Senior official from SRRDA or SQC to create road-wise justification for such roads to be included in proposals or otherwise to be dropped. This list will be irrespective of conditions on the length of the road proposed, length of Candidate Road and terminating nature of link routes as discussed during the PRE-EC.

9. PRE-EC took cognizance of news report regarding Burgur village from Erode District from ANI on 9th December, 2019 titled "TN: Pregnant woman carried for 6-km in cloth cradle in Erode". Such roads are prime candidates for PMGSY-III as they provide easy access to health facilities for habitations. The state is suggested to consider the road in its list of candidate roads and pursue required clearances from forest as per rules.

Action: The SRRDA to raise this matter with the concerned departments in the State to identify where the current proposal is stuck. A detailed report of the same to be submitted by the SRRDA at the time of the EC.

10. **Minimum Candidate Road Length:** It's decided that the for the following batch and until further decision, candidate road length criteria shall remain at 5 km. The State may try to see if a continuous route of 5 km can be made for the routes which were leftout because of this decision. Further, as coverage will increase, there is a chance proposals from candidate routes of length greater than 5 km will increase. Once, saturation of TR/MRL has been achieved in upcoming batches, this may be revisited.

General & DPR issues:-

- i. The state needs to provide a copy of SLSC approval and Mandatory certificates duly signed by the competent authority.
- ii. Average Cost/km seems to be on the higher side particularly in Cuddalore, Dharmapuri, Dindigul, Namakkal, Perambalur, Salem and Virudhunagar when compared to previous sanctions. The State has agreed to verify those district DPRs, before the EC meeting.
- iii. 46 Roads are having an average cost more than 75 lakhs/km needs to verified at SRRDA level including site verification on the sample basis. The State has responded certain roads were already inspected by the Superintending Engineers. The State agreed to verify these DPRs before the EC meeting.
- iv. L and X section drawings have not been attached to some of the DPRs.
- v. Shoulder quantity included in the total earthwork quantity needs to be provided wherever roads proposed more than 1 MSA, as per guidelines.
- vi. As the State has proposed BM of 50mm thickness, the tack coat proposed on the primed granular surface should be deleted as per D.O letter No.NRRDA-PO14(11)/1/2018-JD (Tech) dated 23.03.2018.

- vii. Hydraulic calculations for cross drainage works are not attached to the DPR. Existing good CDs needs to be retained and repairs to existing CDs may be proposed.
- viii. Protection works need to be justified with L and X section drawings.
- ix. Lum Sum provisions such as Contingencies and unforeseen items cost have been included in DPR, which are not permitted as per PMGSY guidelines.
- x. Design stage Road Safety Audit details need to be provided for the roads proposed more than 5 km length.
- xi. The state should provide the rate analysis with comparison of cost between the conventional method and IRC Accredited technology such as Nano Technology stabilized base and sub-bases, Terrazyme, RBI 81 for Subgrade-Stabilization, CMR Bitplast Wet Process for all roads and couple of DPRs using these technologies including rate analysis needs to be scrutinised at NRIDA.
- xii. The State needs to provide additional State share for the road proposed with 7 m carriageway under higher specification cost.

Maintenance:

The State has proposed Rs.4,834.38 lakhs which is 8.54% of the construction cost for 5-year maintenance and Rs.10,123.89 lakhs for 6th year's renewal cost which is 17.88% of construction cost, which can be agreed to.

Proposals on OMMAS:-

The number of proposals in the current batch as per State's letter is 450 roads and whereas the state has uploaded only 352 Roads and of which only 45 are scrutinized by the STA. The State was directed to get it scrutinised from the STAs within a week's time.

R&D Proposals:

The State has proposed construction of 34 roads having a length of 137.57 km using mainstreaming technologies such as Waste Plastic (24 Roads, 102.96 km on Surface course layer), Cement Stabilization (10 roads of 34.61 km with Sub base/base). The State has proposed 137.57 km which is 10% of total length with Technology with IRC Specifications (Main Streaming of Technology). The State was asked to propose more roads using Waste Plastics and the State has agreed to increase the length using Waste Plastic technology.

Further, the State has proposed construction of 67 roads having a length of 248.02 km using IRC Accredited Materials/Technologies such as Zydex (33 roads of 124.61 km with sub-base/base), BIT Plast (22 roads of 80.95 km with surface course), Terrazyme (1 road of 3.33 km with sub-base) and RBI Grade 81 (11 roads with 39.13 km with sub-base & base). The Director (Technical) has directed to submit the Performance Evaluation Reports of already completed roads using IRC Accredited Materials/Technologies.

The State should upload the new technology roads on OMMAS and the DPRs needs to be scrutinized on a sample basis for the roads proposed using IRC Accredited Materials/Technologies.

Progress of ongoing works under PMGSY-I and PMGSY-II

The committee observed that 7,678 km under PMGSY-I and 860 Km under PMGSY-II road length were sanctioned and against which 7,324 km and 700 km were completed respectively. The State has to complete 862.64 km of roads and 48 LSBs. The State assured to complete all the works by the end of March 2020. No un-awarded works are there and all works are on progress.

Emarg

The committee is observed that the State is progressing well in Emarg. The AS (RD) and DG, NRIDA has informed to State that all maintenance payments should be done through Emarg, from April 2020 onwards.

Quality:

The Committee observed that payment has been made for 14 works without inspection of SQMs. The State has responded that the expenditure is towards the preparation of DPRs. Further, the State has informed that 5 Additional SQMs were appointed recently and all the ongoing works will be inspected by the SQMs within this financial year.

In respect of Action Taken Reports (ATRs), ATRs for 10 completed works and 8 ongoing works are pending with the State. The State was asked to send the ATRs to NRIDA at the earliest.

Finance:

Inter Head mismatch in the Audited balance sheet of Programme fund account was intimated to the state. State was instructed to rectify the same.

State was instructed to submit the maintenance fund balance sheet for the FY 2018-19 without any further delay. State assured the same would be submitted soon.

There are around 19 bills which are pending for financial closure. State was asked to submit a consolidated proposal for unlocking of these works.

Recommendations of Committee:-

After due deliberations, it was decided that the State should send a compliance report to the Ministry/NRIDA on all observations as indicated in the foregoing paras and also discussions made in the meeting immediately so that the proposal could be placed before the Empowered Committee on 06.02.2020.

The meeting ended with Vote of Thanks to and from the chair.