

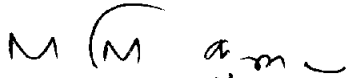
Government of India  
Ministry of Rural Development  
Department of Rural Development  
Rural Connectivity (RC) Division

Krishi Bhavan, New Delhi  
Dated the 18<sup>th</sup> March, 2021

EC- MINUTES

**Sub: Minutes of meeting of Empowered Committee to discuss the project proposals for PMGSY-III submitted by the State Government of Telangana for the 2020-21(Batch-II) -reg.**

A copy of the Minutes of the Meeting of the Empowered Committee held on 11<sup>th</sup> March, 2021 through VC to consider the project proposals for Batch-II of 2020-21 under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III) is forwarded herewith for information and necessary action.

  
(Lalit Kumar)

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**Distribution:**

1. The Principal Secretary, Panchayati Raj & Rural Development Department (FAC), Government of Telangana, Room No. 408, 4<sup>th</sup> Floor, B-Block, T.S. Secretariat, Hyderabad-500022.
2. The Chief Engineer, O/o Engineer-In-Chief, SRTGN Bhavan, Erramanzil Colony, Hyderabad, Pin code 500082, Telangana.
3. The Adviser, NITI Aayog.
4. The 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, Ranjit Nagar, Sector 6, Rama Krishna Puram, New Delhi.
7. The Secretary Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture and Farmers' Welfare, Krishi Bhawan, New Delhi
8. All Directors in National Rural Infrastructure Development Agency (NRIDA), 15 NBCC Tower, 5<sup>th</sup> Floor, Bhikaji Cama Place, New Delhi.

**Copy for information to:-**

- PS to Hon'ble MRD/PS to Hon'ble MoS (RD)/Sr. PPS to Secretary (RD)/PSO to AS&FA (RD)/PPS to AS (RD)/PPS to JS (RC).

**MINUTES OF THE MEETING OF THE EMPOWERED COMMITTEE HELD ON 11<sup>th</sup> MARCH, 2021 AT 12.00 NOON TO CONSIDER THE PROJECT PROPOSALS SUBMITTED BY GOVERNMENT OF TELANGANA UNDER PMGSY III (BATCH II), 2020-21**

A Meeting of the Empowered Committee was held through Video Conference on **11<sup>th</sup> March, 2021 at 12.00 Noon** under the Chairmanship of Secretary, Department of Rural Development consider the project proposals submitted by the State of Telangana under PMGSY III (Batch II) of 2020-21. Following officials were present in the meeting.

Shri Nagendra Nath Sinha	Secretary, Deptt. of Rural Development, GoI
Smt. Alka Upadhyaya	Additional Secretary, Deptt. of Rural Development, GoI
Dr Ashish Kumar Goel	Joint Secretary (RC) & DG, NRIDA
Shri. B C Pradhan	Consultant (Tech), NRIDA
Shri Deepak Ashish Kaul	Director (F&A), NRIDA
Shri I.K.Pateriya	Director (P.II &P.III), NRIDA
Shri Pradeep Agrawal	Director (P.I), NRIDA
Shri Lalit Kumar	Deputy Secretary (RC), MoRD
<b>State Govt. Representatives</b>	
Shri Sandeep Kumar Sultania	CEO, TSRRDA & Secretary, PR&RD Department, Government of Telangana
Shri A.G.Sanjeeva Rao	Empowered Officer & Engineer-In-Chief, PMGSY, PR, Telangana
Shri G. Seetha Ramulu	SQC & Chief Engineer, PR, Telangana
Shri K. Chandra Shekar	Financial Controller
Shri B. Srihari	Executive Engineer
Shri M. Ravi Kumar	ITNO
Shri I. Vinod Kumar	Nodal Maintenance Officer, eMARG, PMGSY, Telangana

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

A detailed presentation on the proposal submitted by the State of Telangana under Batch-II of 2020-21 was made by NRIDA before the Empowered Committee. The details of the proposal are as under:-

As per Pre-EC dated 17.02.2021					As per OMMAS as on 08.03.2021			
Item	Nos	Length (in km)	Cost (Rs in crores)	Avg. Cost/km (Lakhs)	Nos	Length (in km/ m)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)
Up-Gradation - Roads	200	1,279.10	780.49	61.02	209	1,307.57	802.24	61.35
LSBs	17	1,006.18	42.53	4.23/m	101	6,722.28	288.86	4.29/m
<b>Total</b>	200 roads 17 LSBs	1,279.10 km road 1,006.18 m LSBs	823.02		209 roads 101 LSBs	1,307.57 km road 6,722.28 m LSBs	1,091.10*	
<b>*MoRD Share : Rs. 649.52 crore</b>					<b>State Share : Rs. 441.58 crore</b>			

The State of Telangana has been allocated target length of 2,427.50 Km under PMGSY-III, out of which State was sanctioned 1,119.94 km under Batch-I, 2020-21 and 1,307.56 km remain to be sanctioned. The current proposal is for 209 roads of 1,307.57 Km and 101 LSBs covering length of 6,722.28 m at an estimated cost of Rs. 1,091.10 crore (Central Share- Rs.649.52 crore and State share- Rs.441.58 crore).

All the proposals have been scrutinized by STA. PTA has scrutinized only 3 roads on OMMAS. State was asked to ensure scrutiny by PTA at the earliest possible.

Out of 209 roads, the state has proposed 155 roads of 3.75 m carriageway width (849.14 km) at average cost of Rs 56.21 lakh/km, 53 roads of 5.50 m carriageway width (453.89 Km) at an average cost of Rs 70.48 lakh/km and 1 road of 7.00 m carriageway width (4.53 Km) at an average cost of Rs. 111.35 lakh/km.

State has proposed 51 LSBs on roads sanctioned under Batch-I of 2020-21 and 50 LSBs on roads proposed in current batch.

The Committee observed that the average cost in earlier sanction to the State under PMGSY-III was Rs. 53.51 lakh/km for 3.75 m carriageway width respectively, which has been increased to Rs. 56.21 lakh/km. The cost/km is higher in the districts of Jagtial, Jangaon, Mahabubnagar, Mulugu, Narayanpet, Siddipet and Warangal. The State representative attributed the increase in cost in these districts to more CC length, CD works, protection work and retaining wall.

### 3. Length wise proposal details

Out of 209 roads proposed in the current batch, 74 roads are of 3 to 5 km length, while 135 roads are more than 5 km length as per the following details:-

Sl No	Items	No of roads	Length in km	Pavement cost	Cost/km	Total cost in Crores	Average cost/km
1	3 to 5 km	74	286.90	136.81	47.69	169.65	59.12
2	More than 5 km	135	1,020.67	504.87	49.46	632.59	61.98
	<b>Total</b>	<b>209</b>	<b>1,307.57</b>	<b>641.68</b>	<b>49.07</b>	<b>802.24</b>	<b>61.35</b>

The average length of candidate road is 8.65 Km and average length of proposed road is 6.25 Km.

### 4. Existing surface details

Track	Gravel	WBM	BT	CC	Total
143.02	349.11	196.77	539.15	79.51	1,307.56

The existing surface of large part of the proposal is Track or Gravel. The State Government representative intimated that these are pertaining to roads connecting large habitations or missing link connecting to major roads and are high in utility value. NRIDA should examine it road wise on Geosadak.

## 5. Traffic wise details of road

In 3.75 m carriageway width, 110 roads of 608.20 km are in T4 & T5 category, 45 roads of 240.94 km are in T6 and T7 category. In 5.5 m carriageway width, 1 road of 8.50 km are in T4 & T5 category, 45 roads of 392.60 km are in T6 and T7 category and 7 roads of 52.79 km are in T9 category. In 7 m carriageway width, 1 road of 4.53 km is in T9 category.

## 6. Planning

### (i) Trace Map Cut-Quality of roads

Min. Trace Map Rank	Numbers of Proposals	%
1 to 15	189	90.40
16 to 50	20	9.60
51 to 100	-	-
> 100	-	-
<b>Total</b>	<b>209</b>	

Average size of a block is small in Telangana and Trace Map rank is satisfactory.

### (ii) Planning Audit Compliance

- The State Government has submitted proposal-wise justifications for all 209 proposed roads as to how they meet PMSGY-III objectives.
- The Pre-Empowered Committee had observed that 10 proposals with Pucca Drain Length more than twice the length of CC length. State has now submitted road-wise ATR and total drain length has reduced from 25.70 Km to 11.3 Km with cost of saving of Rs. 4.25 crore.
- It was earlier observed that 12 proposal have more than 10% deviation between proposed and eligible length. State has now submitted road-wise details on excess length proposed, which were found to be acceptable.

## 7. General/DPR issues

- State needs to provide comparative statement of New Technology and conventional method of design for the roads proposed using IRC accredited materials/technologies.
- State should provide 3<sup>rd</sup> party traffic verification using ATCC and Axle load test reports for 7 roads proposed with design more than 1 MSA.
- State needs to provide RSA reports of all proposed roads and the reports should be attached with the DPRs. Sample reports need to be provided by the State for verification at NRIDA.
- State has proposed 111 roads with T4 and T5 traffic category. State has not proposed surface dressing in the current proposal. The State was advised adopt surface dressing on low volume roads on experimental basis, even though the state as a matter of its policy had agreed to bear the extra cost. State Government agreed to the proposal.

## 8. Governance issues

- The State representative intimated that there is a dedicated design wing at SRRDA for design of bridges sanctioned under PMGSY. The wing has manpower strength of 1 Executive Engineer, 2 Deputy Executive Engineers, 5 Assistant Executive Engineers, 2 Auto Cad cum design assistants and 1 senior design expert empanelled by the State

for advising on critical and typical bridge sites and foundation & design. The State representative also intimated that 1 retired bridge expert retired from R&B Department has been engaged as Consultant for supervision of bridge work on ground. The State was asked to enhance the manpower for supervision and monitoring to ensure proper supervision and monitoring of ongoing and proposed bridge works, which have been taken up in large numbers.

(ii) Against the requirement of 46 SQMs, 31 SQMs are in position. The State representative intimated that action is underway for empanelment of remaining 15 SQMs. It was also informed that a Quality Monitoring Unit has been formed with 1 Deputy Executive Engineer and 2 expert AEEs for vetting and processing of reports of SQMs. The State Government was advised to increase the manpower in QMU, including that of retired NQMs/ SQMs.

(iii) 41 projects under PMGSY-I and 2 projects under PMGSY-II are held up for want of forest clearance. Under PMGSY-III, there are 10 roads which need forest clearance for certain stretches in entire road. The State representative intimated that all necessary process has been completed for obtaining forest clearances. The State representative also intimated that there is no forest issue in current batch. The State Government was, however, advised to scrutinize the proposals more carefully to see that there is no pending forest issue involved in the current batch.

## 9. Timelines for award of works

State's attention was invited towards Ministry's advisory on timely award of the projects sanctioned under PMGSY-III, wherein it is stipulated that all works sanctioned under PMGSY-III have to be commenced on ground within 72 days from the date of sanction and requested the state to comply with the time-line. The State representative intimated that on an average 54 days is being taken for entrustment of works. Hence the current projects would take 55 to 60 days only for actual start of the work from the date of administrative approval by the Government, which generally takes one week.

## 10. Maintenance

State has proposed maintenance cost of 6.63% and 6 years Renewal cost of 21.00%, which were found agreeable. 5 years maintenance cost after 6th year renewal needs to be included in the proposal.

## 11. R&D Proposals

Technology	No of Roads	Length in Km
Waste Plastic	77	184.44
Cold Mix Technology	01	1.78
Cement Stabilization	31	153.94
RCCP	10	3.48
Cell Filled Concrete	15	3.99
Panelled Cement concrete	42	13.64
Nanotac	01	6.96
Nano Technology Waterproofing	58	287.14
Terrazyme	48	96.37
Coir Technology	24	102.65
<b>Total</b>	<b>307</b>	<b>854.39</b>

Technology Description	Length proposed to be taken	Percentage of R&D roads with respect to total length
Technology with IRC specification (Main streaming of Technology)	343.64	26.28
Technology with IRC accreditation	510.75	39.06

The State Government has proposed 26.28% of total road length has been proposed using Main stream technology, against minimum requirement of 10% and the roads proposed using IRC accredited technology is 39.06% against minimum requirement of 5%. The State Government was advised that Nano Technology may be used only in sub-base and base and not on surface. The State was also advised to sign MoU with technology provider and NRIDA in case of IRC accredited technology before physically starting the work for performance evaluation in all these cases. State also needs to provide performance evaluation reports of earlier sanctioned works and the roads have been completed.

## 12. Progress of PMGSY works

The status of implementation of PMGSY-I, II, III and RCPLWEA in the State are as under:-

Road length in Km

S.No	SCHEME	SANCTIONED		COMPLETED		BALANCE ROAD LENGTH (Km)/Roads	UNAWARDED BALANCE LENGTH (Km)/Roads
		Nos.	LENGTH (Km)	Nos.	LENGTH (Km)		
1	PMGSY I	2,924	10,192.93	2,862	9,737.96	242.39 (62 Nos.)	-
2	PMGSY II	114	944.07	113	894.54	2.91 (1 Nos.)	-
3	PMGSY III	152	1,119.935	1	115.72	1,004.21 (151 Nos.)	7.30 (1 No.)
4	RCPLWE	60	705.21	3	175.06	529.40 (57 Nos.)	7.09 (1 No.)
	Total:	3,250	12,962.15	2,979	10,923.29	1,778.92 (271 Nos.)	14.39 (2 Nos.)

### Bridge (No.)

S.No	SCHEME	SANCTION (Nos.)	COMPLETED (Nos.)	Balance (Nos.)	Unawarded (Nos.)
1	PMGSY I	284	263	21	-
2	PMGSY II	17	16	01	
3	PMGSY III	0	0	0	-
4	RCPLWE	34	04	30	01
	Total:	335	283	52	01

The State should take immediate action for completion of pending projects under PMGSY-I, II and RCPLWEA.

### **13. Physical Progress 2020-21 (as on 8th March, 2021)**

Only 206 Km (28%) road length has been constructed against targeted length of 770 Km. State should accelerate the pace of execution to achieve the target.

### **14. eMARG: Onboarding**

98% packages have been locked, 93% contractors have been registered, but there are only 25% packages where payment has started, Rs. 1.96 Cr. Payment done through eMARG till date. The State should take action to enhance payment through eMARG and achieve saturation of eMARG.

### **15. Maintenance Abstract**

Expenditure on maintenance during defect liability period is abysmally low as compared to the requirement. Average expenditure on maintenance of roads under DLP is only 24% of the total requirement. The SRRDA was not given any funds for expenditure on maintenance of roads during 2019-20. There is zero expenditure on 58% of roads under DLP. The State representative intimated that the State has got Rs. 34 crore for maintenance of roads under DLP. The attention of State was invited towards the provisions of the programme guidelines, which stipulate that the release of 2<sup>nd</sup> installment of programme fund in a year shall be subject to submission of, among others, a certificate from CEO of SRRDA that maintenance funds required as per maintenance contracts in force had been spent during the previous financial year. For release after May of a year, the certificate should also include that 50% of such maintenance funds requirements for the current financial year have been released by the State, whereas for release after November the certificate should be for 100% of such funds. The State's attention was also invited towards Ministry's advisory dated 12<sup>th</sup> January, 2021 on the subject and the State was advised to take immediate corrective action.

### **16. Renewal Length status (km)**

A total of 9,415 km road length is due for renewal in the State. The State has not updated renewal data on OMMAS. The State representative was asked to do the same forthwith.

### **17. Quality Control - 1<sup>st</sup> & 2<sup>nd</sup> tier**

Out of 235 ongoing packages in progress, quality control lab details have not been uploaded in r/o 4 packages. 36 works of 6-12 months old and 30 works of more than 12 months old have not been inspected even once.

Against the requirement of 46 SQMs, 31 SQMs are in position and process for empanelment of 15 more SQMs is underway as informed by the State representative. State should take action for empanelment of more SQMs. Against the target of 220 SQM inspections during the current financial year, 258 inspections have been carried out so far, which is more than the target.

### **18. Quality Issues**

i. Unsatisfactory % based on NQM inspections ( April' 2018-February'2021) -

- Completed Works - 0.00% - 57 Completed works inspected
- Ongoing Works - 3.95% - 177 Ongoing works inspected
- Maintenance works - 27.27% - 165 Maintenance Works Inspected

ii. Pending ATRs at State level-

- Completed Works - 4
- Ongoing Works - 23

iii. Anomalies of SQM Inspections during 2020-21-

- Photographs and report not uploaded on OMMAS, still the roads is graded as "Satisfactory".
  - The ongoing & completed roads has been graded Satisfactory without excavating pit on road and gradation tests of materials.
  - Inadequate pit size excavated for determination of BT layer thickness.
  - Condition of informatory boards is bad but the road is graded 'Satisfactory'.

The State was advised to take action against the SQMs, who have graded the work 'satisfactory' without due diligence and application of mind.

**19. Finance Issues:**

- i. Pending share Rs. 214.91 crore (Central: Rs. 92.10 crore & State: Rs. 122.81 crore) from State treasury. The State representative intimated that Budget Release Order has been issued and that the funds would be shortly received in SRRDA.
- ii. Non Submission of Audited Balance Sheets of Admin & Maintenance fund for F.Y. 2019-20
- iii. Non submission of PMGSY financial reconciliation report
- iv. 46 works pending for financial closure for more than 180 days as on 08-03-2021.

The State should take immediate action for early credit of pending central and state share so that they are available for utilization during the peak working time. The State should also expedite action on remaining issues indicated above.

**20. Recommendations of Empowered Committee**

Empowered Committee recommended the project proposal submitted by the Government of Telangana as in para-2 above subject to fulfillment of the observations made in the foregoing paras and compliance thereof.

The meeting ended with a Vote of thanks to and from the Chair.

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