

**No.P-17024/22/2019-RC (FMS No. 369629)**  
**Government of India**  
**Ministry of Rural Development**  
**Department of Rural Development**

Krishi Bhavan, New Delhi  
Dated the 3<sup>rd</sup> June, 2022

**Minutes**

**Sub: Minutes of the Meeting of the Empowered Committee held on 28<sup>th</sup> May, 2022 to consider the project proposals submitted by Government of Rajasthan under PMGSY III, Batch- I, 2022-23-reg.**

The undersigned is directed to enclose herewith a copy of the Minutes of the Meeting of the Empowered Committee held on 28<sup>th</sup> May, 2022 through Video Conferencing to consider the project proposals under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III, Batch-I, 2022-23).

2. The State Government is requested to furnish compliance report on the observations of the EC on priority.



(Lalit Kumar)

Deputy Secretary to the Government of India

Tel. No. 2338 2406

**Distribution:**

- i. The Principal Secretary, PWD Main Building room no 5225, Secretariat, Govt. of Rajasthan, Jaipur.
- ii. The Secretary PWD, Secretariat, SSO Building, Room No. 8118, Govt of Rajasthan, Jaipur.
- iii. The Chief Engineer, RRRDA.
- iv. The Adviser (RD), NITI Aayog, NITI Aayog Bhawan, Sansad Marg, New Delhi.
- v. The Director, Central Roads Research Institute, Mathura Road, New Delhi.
- vi. The secretary General, Indian Road Congress, Kama Koti Marg, Ranjit Nagar, Sector-6, R.K. Puram, New Delhi-110037.
- vii. The Chief Engineer, Ministry of Road Transport & Highways, Parivahan Bhavan, New Delhi
- viii. All Directors in National Rural Infrastructure Development Agency (NRIDA), 15 NBCC Tower, 5<sup>th</sup> Floor, Bhikaji Kama Place, New Delhi- 110001.

**Copy for information to:-**

PS to Hon'ble MRD/PS to Hon'ble MoS (RD)/ PS to Secretary (RD)/ PPS to AS (RD)/ PPS to AS &FA.

**MINUTES OF THE MEETING OF THE EMPOWERED COMMITTEE HELD ON 28<sup>TH</sup> MAY, 2022 TO CONSIDER THE PROJECT PROPOSALS SUBMITTED BY THE STATE OF RAJASTHAN UNDER PMGSY-III, (BATCH-I, 2022-23)**

A Meeting of the Empowered Committee was held through Video Conferencing on **28<sup>th</sup> May, 2022** under the Chairmanship of Secretary, Department of Rural Development to consider the project proposals submitted by the State of Rajasthan under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III) (Batch-I) of 2022-23. Following officials were present in the meeting:-

Shri Nagendra Nath Sinha	Secretary, DoRD
Dr Ashish Kumar Goel	Additional Secretary, (RD), DoRD & DG, NRIDA
Ms. Leena Johri	Additional Secretary & FA, DORD
Shri. B C Pradhan	Consultant (Tech), NRIDA
Shri Deepak Ashish Kaul	Director (F&A), NRIDA
Dr. I.K.Pateriya	Director (P.II&III), NRIDA
Shri Pradeep Agarwal	Director (P.I), NRIDA
Shri K. M. Singh	Deputy Secretary, MoRD
Shri UPS Negi	Section Officer, RC Division
<b>State Govt. Representatives</b>	
Shri Naveen Mahajan	Principal Secretary (PWD)
Shri Sunil Jai Singh	Chief Engineer, PMGSY
Shri R.S. Jatoliya	Financial Advisor
Shri Kaushlendra Bhardwaj	Superintendent Engineer, PMGSY
Shri P.R. Khudiwal	Superintendent Engineer (Nagaur)
Smt. Rink Jain	ITNO cum Executive Engineer (PMGSY)

**2. Details of Proposal**

As per Pre EC					Current proposal as per OMMAS as on 01.05.2022			
Item	No. of Roads	Length (in Km)	Cost (Rs in Crore)	Avg. Cost/km (Lakhs)	No. of Roads/LSB	Length	Cost (Rs in Crore)	Avg. Cost
Roads	31	312.79	170.19	54.41	32	335.09	198.55*	59.25

**\*MoRD Share: Rs. 119.13 crore**

**State Share : Rs. 79.42 crore**

- i. The State of Rajasthan has been allocated a target of 8,662.50 km under PMGSY-III. The State has already been sanctioned 5,821.36 Km and 2,841.14 km remains to be sanctioned. The current batch of proposals submitted by the State includes 32 roads of 335.09 km worth Rs.198.55 crore.
- ii. All the proposals uploaded on OMMAS are scrutinized by STA. PTA scrutiny of proposal is yet to be carried out. The State was asked to get the same scrutinized on priority.

- III. The state has proposed all 32 roads in 5.50 m carriageway width at an average cost of Rs 59.25 lakh/km.
- IV. **At pre EC stage the no of roads was 31 which has increased to 32. To a specific query regarding this, State representatives told that 1 road at pre EC stage has been replaced with two roads as this one road has been taken up under state scheme. Though, the PCU value of the newly added two roads is less but these roads are very useful roads.**

### 3. Length wise proposal details

All 32 proposals of road works in the current batch of proposals are of more than 5 Km, with following details:-

S. No	Items	No of roads	Length in km	Pavement cost in Crore	Cost/km	Total cost in Crores	Average cost/km
1	5 km and above	32	335.09	178.58	53.29	198.55	59.25

The average candidate road length is 22.37 Km and the average proposed road length is 10.47 Km.

### 4. Traffic wise details of road

- (i) In 5.50 m carriageway width, 18 roads of length 177.99 km are in T7 traffic category with pavement cost of Rs. 47.62 lakh/km and average cost of Rs 54.93 lakh/Km.
- (ii) In 5.50 m carriageway width, 14 roads of length 157.10 km are in T9 category with pavement cost of Rs. 59.72 lakh/km and average cost of Rs 64.15 lakh/Km.

**The State was asked to furnish justification as to why all the roads have been proposed in T7 or T9 traffic category. Statistically, this seems to be an anomaly. ATCC survey of T9 category of roads needs to be done. For other roads too, independent third party traffic survey needs to be done.**

### 5. Existing surface details

The approximate length of the existing Surface of the roads proposed in the current batch, as intimated by the State representative during the meeting are as under:-

Brick soling	Track	Gravel	Moorum	WBM	BT	CC	Total
0	0	7	0	1.5	325.4	1.2	335.1

Out of 32 roads proposed in the current batch, in 30 roads more than 95% of the existing surface is BT, CC or WBM and in 2 road works only 26-50% (35% & 27%) of the existing surface is BT, CC or WBM. Though the length of these roads is only 7 km , NRIDA was asked to examine the alignment of these roads on Geosadak to ensure that they are meeting the objectives of PMGSY-III .

## 6. Planning

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

Trace Map rank	Number of roads	%
1 to 15	21	66
16 to 50	10	31
51 to 100	01	3
Total	<b>32</b>	-

### (ii) Planning Audit (proposals)

- All 32 Proposals are uploaded on GEOSADAK. Based on the observations of the NRIDA, the State has done the minor modification in the alignment for 05 proposals.

### (iii) High Priority Roads skipped in CUCPL

- With regard to 277 road works of High Priority which have been skipped, State has furnished the following justifications:
  - For 191 road works ,the State is not interested in riding surface improvement,
  - 33 road works have been constructed under state scheme and are under DLP,
  - 22 road works are under construction under state scheme
  - 10 road works constructed under PMGSY and are under DLP
  - For 9 road works road length less than limit declared in pre-EC meeting
  - 8 road works due to land issues and remaining 4 roads on the ground that these roads are under the ownership with different department (two roads with BRO and two with RSRDC and they will be taken up by them).

**The State was asked to furnish detailed justification in respect of 13 road works (9+4) mentioned above.**

## 7. Pavement cost/km wise details

Sl No	Pavement cost/km	No of roads
		5.5 m
1	<50 Lakhs	14
2	50-55	5
3	55-60	9
4	60-65	3
5	65-70	1
	<b>Total</b>	<b>32</b>

- With regard to the reason for enhancement of the cost, the arguments of the state government were that they have taken rate as per new SoR and increase is primarily due to increase in the cost of bitumen. It was also explained that avg. cost increased from 54.41 lakhs/km to 59.25 lakhs/km due to conversion 06 proposals from 3.75m C/W to 5.5m C/W and also increase in traffic category. NRIDA should examine Proforma C uploaded at the time of Pre-EC and EC and analyze as to why the cost has increased.
- Also State has revised the cost of cement steel bitumen as prevailed during April, 2022. Director (P-I) was asked to examine this issue.
- It was also decided that all roads having high pavement cost (>55 Lakh/ km) would be examined by NRIDA. The roads of Degana and Riyan districts should be examined for their high cost.

## 8. PCU value

The PCU of 32 roads proposed in the current batch are as under:-

Sl No	PCU/day	No of roads
		5.5 m
1	3000-3500	3
2	3500-4000	12
3	4000-4500	15
4	4500-5000	-
5	>5000	2
	<b>Total</b>	<b>32</b>



State has shared the Traffic and axle load survey of the roads having traffic category 1.00 MSA and above as per normal procedure and not through ATCC. State was asked to do ATCC survey and share the data.

#### 9. Distribution of roads based on Widening to various Carriageway

Categories of Upgradation	No	Length (km)	Avg. Pav Cost (Lakh/km)	Avg. Total Cost (Lakh/km)
3 -5.5	01	8.5	45.11	52.46
3.75-5.5	29	303.99	53.33	59.45
5.5 - 5.5	2	22.6	55.75	59.1
<b>Total</b>	32	335.09	198.55	59.25

#### 10. DPR observations

i) The State has shared the Traffic and axle load survey of the roads having traffic category 1.00 MSA and above as per normal procedure and not through ATCC. The State was asked to furnish Independent Third party traffic survey on the roads of more than 1 MSA through ATCC.

#### 11. Maintenance

State has proposed Rs. 1,107.03 lakh for 5 years Routine maintenance, which is 5.58% of the construction cost and agreeable. Similarly, for 6<sup>th</sup> year renewal cost is Rs. 3,604.60 lakh, which is of 18.15% of the construction cost and agreeable.

#### 12. R&D Proposals

Sl. No	Name of Technology	No of stretches/ roads	Length(in km)	Percentage of R& D roads with respect to total length
<b>A</b>	<b>Main streaming of Technologies</b>			
1	Waste plastic	29	220.61	65.84%
<b>B</b>	<b>Other Main Streaming technologies</b>			
2	Roller compacted concrete*	25	27.625	8.24%
	<b>Sub-total</b>		<b>248.235</b>	<b>74.08%</b>
<b>C</b>	<b>IRC Accredited Technology</b>			
1	NIL			

The State should construct all CC roads with paneled cement/ cell-filled concrete which will result in reduction of cost and quality. 100% roads may be undertaken using waste plastics.

### 13. Compliance to Ministry's Advisory dated 02<sup>nd</sup> June 20220

The State representative intimated that Hon'ble M.P of Nagaur Parliamentary constituency has recommended 30 road works, out of which 20 roads, which are in conformity with the programme guidelines have been included in the current proposal of 32 roads. It was also intimated that the state has forwarded the final list of roads to Hon'ble MP Nagaur on 5<sup>th</sup> April, 2022 and requested to give consent of 28 roads in his constituency however no consent is received from the Hon'ble M.P. The state was advised that all the formalities as per the advisory be followed and formally apprised to MoRD.

### 14. Status of implementation of PMGSY-I, II and III

The State has already completed PMGSY-I & II. The status of PMGSY-I, II and III in the State is as under:-

#### Roads

S. No	Scheme	Sanctioned		Completed		Balance		Unawarded	
		Nos.	Length (Km)	Nos.	Length (km)	No. of Roads	Length (km)	No. of Road	Length (km)
1	PMGSY I	16,804	66,045.98	16,804	63,772.67	0	0.00	0	0.00
2	PMGSY II	401	3,464.26	401	3,468.63	0	0.00	0	0.00
3	PMGSY III	611	5,821.36	478	5,235.74	133	547.96	4	34.93
	<b>Total:</b>	<b>17,816</b>	<b>75,331.61</b>	<b>17,683</b>	<b>72,477.04</b>	<b>133</b>	<b>547.97</b>	<b>4</b>	<b>34.94</b>

#### Bridges

S.No	SCHEME	Sanction (Nos.)	Completed (Nos.)	Balance (Nos.)	Unawarded (Nos.)
1	PMGSY I	26	25	1	0
2	PMGSY II	6	6	0	0
3	PMGSY III	6	2	4	0
	<b>Total:</b>	<b>38</b>	<b>33</b>	<b>5</b>	<b>0</b>

### 15. Physical progress during last year and current year as on (28.05.2022)

The State was allocated target for construction of 3200 Km during FY 2021-22, against which 3,255 Km road length completed. During the current year i.e. FY

2022-23, the state has been given target of 1,500 km and state has already completed 146 km road length.

#### **16. Maintenance of roads under Defect Liability Period (DLP)**

The State representative intimated that against the maintenance liability of Rs. 73.30 crore for FY 2021-22 for maintenance of roads under DLP, a sum of Rs. 40.00 crore was released by the State Government and an expenditure of Rs. 27.00 crore was incurred. For the FY 2022-23, against the liability of Rs.81.02 crore, the State has not credited any amount. The Committee also observed that funds received and expenditure status do not seem to be updated on OMMAS. The State was asked to verify and update the status in r/o funds received for maintenance of roads under DLP on priority.

The State was also advised to update renewal length and expenditure data on OMMAS.

#### **17. e-Marg**

Under eMARG, 174 (13%) packages pending for locking, 205 (15%) packages are pending for MEE. Out of total 1,229 roads eligible for Routine Inspection during April, 2022, 712 roads (58%) missed Routine Inspection during April, 2022. 933 packages are pending for payment for more than 3 months (out of packages on which MEE done) and total 323 (35%) packages pending for first payment in eMARG. The State was advised to saturate progress on e-Marg.

#### **18. PMGSY-III Award analysis**

Out of the awarded works, 16 works have been awarded 0-6% below, 34 works 6-12% below, 58 works 12-18% below, 98 works 18-24% below, 126 works 24-30% below and 268 work 30% below the Technical Sanctioned amount. In this connection, the attention of the State was invited to NRIDA's letter dated 3<sup>rd</sup> March, 2022 on additional visits of State Quality Monitors (SQMs) on the low quoted PMGSY works and the State was asked to ensure compliance of the instructions contained therein.

#### **19. Quality Control**

**I.** 96 packages are presently in progress and labs for all packages have been established.

**II.** The target for SQM inspections during 2021-22 was 3,974, against which 2,632 inspections carried out. During the current year, 23 NQM inspections and 43 SQM inspections were carried out during the month of April, 2022.



**III. Unsatisfactory % based on NQM inspections (May, 2019 - April, 2022) -**

- Completed Works - 1.62 % - 185 Completed works inspected
- Ongoing Works -2.49% - 522 Ongoing works inspected
- Maintenance works - 12.88% - 365 Maintenance Works Inspected
- Bridge Works - 9.09% - 11 Bridge works inspected

**IV. Pending ATRs at State level-**

- Total - 18 ( Ongoing works-13, Completed works-05)

**V. Anomalies of SQM Inspections:-**

- Camber of shoulders have been calculated in a wrong way by holding the spirit level in hand which is not acceptable that would give wrong results and the thickness of shoulder has been calculated in a wrong way by not taking the average thickness. Package no. - RJ30P306.
- Field Laboratory is not fully equipped, basic major equipment are missing from the laboratory. Package no. - RJ12P314.
- For a completed road, no test(gradation, volumetric analysis and thickness) were conducted to check the structural strength of the road, casual inspection. Package no. -RJ04P3WB03.
- Bad condition of Main Information Board, but the work is graded as "Satisfactory" (Package No. RJ06UG011).

**The State was advised for orientation of SQMs to avoid repetition of such anomalies in future. ATR on the above should be submitted.**

**VI.** It was noticed during the meeting that many SQMs empanelled by the State have not graded any work 'Unsatisfactory' out of the large number of projects inspected by them. The State was advised to review performance of such SQMs and issue necessary advisories.

**20. Financial Issues**

- Heavy balance in Saving Bank Account amounting to Rs. 69.69 crore as on 31<sup>st</sup> March, 2022.
- The interest verification certificate for the financial years 2020-21 has not been submitted.
- Interest recovery of Rs. 53.67 crore from Bank is pending.
- Interest earned in SNBA in FY 2021-22 not transferred to Consolidated Fund of India and State Consolidated Fund.

- 36 works pending for financial closure for more than 180 days as on 25-05-2022.

## **21. Recommendations of Empowered Committee**

Subject to the above observations and concurrent action/compliance by the State government as stipulated in the foregoing paras, the Empowered Committee recommended the above proposals as at para-2 above.

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

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