

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 4<sup>th</sup> of September, 2023

**Minutes**

**Sub: Minutes of the Meeting of the Pre-Empowered Committee held on 18<sup>th</sup> August, 2023 to consider the project proposals submitted by Government of Rajasthan under PMGSY III, Batch- I, 2023-24-reg.**

A copy of the Minutes of the Meeting of the Pre-Empowered Committee held on 18<sup>th</sup> August, 2023 through Video Conferencing to discuss the project proposals under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III) is forwarded herewith for information and necessary action. The State Government is requested to furnish compliance on the observations of the Pre-EC on priority.

*R. Krishna*

(R.K. Kumari)

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**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. All Directors, NRIDA

**Copy for information to:-**

PPS to JS (RC)

**Minutes of the Meeting of the Pre-Empowered Committee held on 18<sup>th</sup> August, 2023 to consider the project proposals submitted by Government of Rajasthan under PMGSY III, Batch- I, 2023-24.**

A Meeting of the Pre-Empowered Committee was held on 18<sup>th</sup> August, 2023 under the Chairmanship of Joint Secretary (RC), Department of Rural Development & DG, NRIDA to consider the project proposal submitted by the State of Rajasthan under PMGSY-III, Batch I of 2023-24. Following officials were present in the meeting.

Shri Amit Shukla	Joint Secretary (RD)& DG, NRIDA
Shri U.K.Nair	Director(RC)
Shri I.K.Pateriya	Director(P.II&P.III) & Director(Tech.), NRIDA
Shri Pradeep Agrawal	Director (P.I), NRIDA
Smt. R.KrishnaKumari, US	Under Secretary (RC)
<b>State Govt. Representatives</b>	
Shri. Sunil Jai Singh	Chief Engineer, RRRDA
Shri Kaushlendra Bhardwaj	Superintending Engineer
Shri D.K.Srivastav	Superintending Engineer cum PIU, PWD Circle Deedwan
Shri T.R.Fioda	Superintending Engineer cum PIU, PWD Circle Nagour
Shri Anil Kumar Mathur	State Quality Coordinator
Smt. Rinku Jain	Executive Engineer-cum- ITNO
Shri Ashok Jangid	Executive Engineer, PWD, Parbatsar
Shri Sudhir Kumar Sharma	Executive Engineer
Ms. Shalini Garg	Executive Engineer

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

A detailed presentation on the proposal submitted by the State of Rajasthan under Batch-I of 2023-24 was made by Consultant/Director (Tech.), NRIDA before the Pre-Empowered Committee. The details of the proposal are as under:-

Item	As per OMMAS dated 30.8.2022			
	No.	Length (in km/m)	Cost (Rs in Crores)	Avg. Cost per km/m (Lakhs)
<b>Roads</b>	38	435.040	280.94	64.57
<b>Total</b>	<b>38 roads</b>	<b>435.040 km roads</b>	<b>280.94</b>	<b>64.57</b>

**\* Central Share- Rs. 168.56 crore, State Share- Rs. 112.37 crore**

- I. The State of Rajasthan has been allocated target length of 8,662.50 Km under PMGSY-III, out of which, State has already been sanctioned

8,221.76 km and 440.74 Km remains to be sanctioned. The current proposal is for 38 roads of 435.040 Km for Rajasthan.

- II. Average cost in 5.5 m carriageway width category is Rs. 64.57 lakh/Km.
- III. All proposals have been uploaded and scrutinized by the STAs on OMMAS. Also these roads have been scrutinized by PTAs.

### 3. Planning

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

Trace Map Rank	Numbers of Proposals	%
1 to 15	27	71%
16 to 50	11	29%
<b>Total</b>	<b>38</b>	

#### (ii) Planning Audit (Proposals)

All 38 road proposals have been uploaded on GEOSADAK. All proposals were audited for their utility as TR/MRL under PMGSY-III. Out of 38 proposals audited, for 07 samples justification was asked from the State Government. The following proposals were discussed during the pre-EC:

- a) T05 Pathedar to Pathmeda Jaliya (8.55 km): The State was requested to intimate the reasons why the full eligible length had not been considered while proposing the road. The State informed that Km 0/00 to 0/950 had been renewed by GREF and further KM 0/950 to 3/950 was upgraded by the State from single lane to intermediate lane under RIDF-27 scheme. The proposed length included 1.05 Km damaged BT and 7.50 km damaged gravel. This needs to be examined by Technical Division, NRIDA as the % non BT is very high.
- b) T02 Karketi Dhadhota Beesas Bajwas Modi Khurd Nimbola to Bhawanigaon Barev Bhital Lalalna Kalian Harnawa Kuchipala Block Border (8.4 Km): The State informed that although the % non BT is very high, the traffic of agriculture products & population from adjoining habitations are using this shortest route to approach Krishi Mandi. The State requested to accept the proposal. Technical Division, NRIDA was requested to examine the proposal in detail.
- c) T01 Hindwara Gomi Ratuara Hotigaon Agrawa up to Bharatmala (18.01 Km): The State informed that although the % non BT is 64%, this through route connects many habitations and revenue village as Hindwara, Gomi, Ratura, Hotigaon, Shivpura, Agrawa Higher Secondary Schools of District Jalore directly to NH-925 A and District Barmer across the Looni river Basin. This Through Route also links head of Emergency Landing air Strip AGRAWA NG-925A and was requested to be considered.

- d) T07 Dadrewa –Meethi Patt –Leelki-Jodhawas – Danti-Birmi Khalsa (13.83 Km): The State informed that although the % non BT is high, it is a major through route to connecting SH-06 to MDR 339. This road connects more than 15 Gram Panchayets to Government College, Banks, Hospitals, Railway Stations and other important facility of Block Raigarh. It also provides safe access to several facilities. Technical Division, NRIDA was requested to examine the proposal in detail.
- e) T14 Bharnava- Sandas to Gorau Block boundary (8.2 Km): The State informed that although the % non BT is high and the proposal route is discontinuous in village Bharnawa Sandas & Gorau since good condition intervening CC road exists. In State budget announcement 2023-24, major link route was sanctioned for 22 Km from Village Jhardiya –Sandas- Malgaon- Genana-Baldoo Sanwad upto SH-7 Mega Highway. The traffic from several villages uses this route to reach SH-70, NH 458 and NH-52 for nearest Krishi Mandies, Railway Stations, CHCs and Market Centre at Ladnun & Didwana. Technical Division, NRIDA was requested to examine the proposal in detail.

#### 4. 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 is as under:-

Brick soiling	Moorum	Track	Gravel	WBM	BT	CC	Total
0.0	0.0	7.1	19.1	19.7	385.5	3.7	435.04

Out of 38 roads proposed in the current batch, in 30 roads 95-100% of the existing surface is BT/CC, in 3 road works 50-75% of the existing surface is BT/CC, in 3 road works % of the existing surface is BT/CC is 25-50% and in remaining 1 road, the proportion of BT/CC is less than 25%. As mentioned previously and in continuation, the State was asked to furnish detailed justification in respect of all 7 roads with length of Non BT/CC portion more than 25% as to how they meet objectives of PMGSY-III.

#### 5. High Priority Roads Skipped in CUCPL

With regard to 135 road works of High Priority which have been skipped, State has furnished the following justifications:

- For 73 road works ,the State is not interested in riding surface improvement,
- 22 roads are sanctioned under State Scheme but under construction.
- 21 road works have been constructed under state scheme and are under DLP,

- iv. In case of 8 roads, proposable road length less than limit decided in Pre-EC meeting for the State,
- v. 7 road works under PMGSY DLP
- vi. 3 roads cannot be taken up due to land issues
- vii. In case of 1 road, ownership is with different department

## 6. Traffic wise details of roads

(i) In 5.50 m carriageway width, 2 roads of length 26.56 Km are in T7 traffic category with average pavement cost of Rs. 49.61 lakh/km and average total cost of Rs. 63.56 lakh/Km.

(viii) In 5.50 m carriageway width, 36 road of length 408.48 km are in T9 category with average pavement cost of Rs. 60.32 lakh/km and average total cost of Rs. 64.64 lakh/Km.

**State is requested to send the 3 DPRs of Jhunjhunu and 1 DPR of Churu district to NRIDA as Pavement cost is more than Rs. 60 lakhs/km. State should also carry out axle load survey and traffic survey (ATCC) for all T9 roads and share the same with NRIDA in the compliance.**

## 7. PCU value

The PCU of 38 roads proposed in the current batch are as under:-

PCU/day details		
S.No	PCU/day	No of Roads
		5.5 m
1	2000-2500	3
2	2500-3000	1
3	3000-3500	-
4	3500-4000	9
5	>4000	25
<b>Total</b>		<b>38</b>

**State needs to re-verify the PCU count of the proposals of 2000-2500 PCU/day.**

## 8. Distribution of roads based on widening of various carriageway

Categories of Upgradation	No.	Length (km)	Avg. Pav Cost (Lakhs/KM)	Avg. Total Cost (Lakhs/KM)
5.5-5.5	2	22.6	58.34	62.33
3.75-5.5	35	407.44	59.42	64.24
3-5.5	1	5	85.48	102.25
<b>Total</b>	<b>38</b>	<b>435.04</b>	<b>59.67</b>	<b>64.57</b>

The State has proposed 1(one) road for widening from existing 3.00 m carriageway to 5.5 m carriageway width. The State was asked to indicate the methodology being adopted for the same and whether the proposed widening would be done by edge cutting or by carrying out widening in one side of the road.

2 DPR of Nagaur need to be sent to NRIDA in which 5.5m carriageway to 5.5m carriageway is proposed as there is no widening but its pavement cost is coming at Rs.58.34 lakhs/km.

## 9. Length wise proposal details

All the proposed road works are more than 5 km road length and with following details:-

Sl.No	Items	No of roads	Length in km	Pavement cost crores	Cost/km	Total cost in Crores	Average total cost/km
1	> 5 km	38	435.04	259.55	59.66	280.94	64.58

The average candidate road length is 20.14 Km and the average proposed road length is 11.45 Km.

## 10. (i) Pavement cost/km wise details:-

The details of proposals are as under:-

Sl No	Pavement cost/km	No. of roads
		5.5 m
1	<50 Lakhs	1
2	50-55	2
3	55-60	17
4	60-65	15
5	70-75	2
6	85-90	1
<b>Total</b>		<b>38</b>

Pavement cost of 37 roads are more than 50 lakh/Km. The State was asked to furnish detailed justification for all the roads having pavement cost more than 50 lakh/Km.

## (ii) Non pavement cost/km wise details:

The details of proposals are as under:-

Sl No	Non Pavement cost/km	No. of roads
		5.5 m
1	<20Lakhs/km	38



Non-pavement cost of all 38 roads in current batch is less than 20 lakh/Km which appears to be reasonable.

#### **11. General observations**

- i. State is taking hard shoulder of GSB material to a depth of 150 mm which needs to be restricted to 100mm and 1m width on both side.
- ii. ATCC axle load survey shall be done for all roads having traffic more than 1 msa. The videography of the same shall also be provided.
- iii. Quantity of WMM is taken more for widening in place of 1.25 m width both side, state is taking 1.3 m width both side for 3m to 5.5m C/W. (Package No.RJ2003)
- iv. In CC pavement, the figure of dismantling quantity is wrongly shown as 4000m in place of 800 m, needs to be corrected. (Package No.RJ2003)

**The State is advised to send the point wise reply of the observations.**

#### **12. R & D Proposals**

- I. State representative intimated that 351.38 Km road length has been proposed using Waste Plastic, which is 88.86% of the proposal.
- II. 17.58 km (68.06%) under T6 to T8 are proposed using Mechanized Surface Dressing.
- III. 40.995 km (103.45%) is proposed using panelled cement concrete/ white topping/ cell filled concrete, against provision of 100% of proposed length under Cement Concrete in terms of New Technology Vision, 2022

**100% waste plastic technology should be adopted in cases bituminous surfacing course is executed using hot bitumen. The State may examine cement treated base in roads, where pavement cost is very high. MSD is to be adopted as per NTV 2022.**

#### **13. Maintenance**

State has proposed Rs. 1,544.26 lakh for 5 years Routine maintenance, which is 5.49% of the construction cost and agreeable. Similarly, for 6<sup>th</sup> year renewal cost is Rs. 5,701.77 lakh, which is of 20.29% of the construction cost which is agreeable.

#### **14. Progress of PMGSY works**

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

Scheme	Sanctioned		Completed		Balance		Unawarded	
	No. of roads	Length (Km)	No. of roads	Length (Km)	No. of Roads	Length (km)	No. of Road	Length (km)
<b>PMGSY I</b>	16,804	66,045.98	16,804	63,772.67	0	0.00	0	0.00
<b>PMGSY II</b>	401	3,464.26	401	3,468.63	0	0.00	0	0.00
<b>PMGSY III</b>	880	8,221.76	589	5,670.25	291	2,499.36	126	1,072.12
<b>Total:</b>	<b>18,085</b>	<b>77,732.00</b>	<b>17,794</b>	<b>72,911.55</b>	<b>291</b>	<b>2,499.36</b>	<b>126</b>	<b>1,072.12</b>

**Bridge (No.)**

Sl. No	Scheme	Sanction (Nos.)	Completed (Nos.)	Balance (Nos.)	Unawarded (Nos.)
1	PMGSY I	26	26	0	0
2	PMGSY II	6	6	0	0
3	PMGSY III	41	3	38	27
<b>Total:</b>		<b>73</b>	<b>35</b>	<b>38</b>	<b>27</b>

**The State should award all the roads and bridges at earliest.**

**15. Physical Progress 202334 (as on 18.08.023)**

The State has made an achievement of 36 Km only, against targets for construction of 1,564 Km during FY 2023-24. The State should expedite the pace of award and execution to achieve the target.

**16. eMARG**

Total 85 packages are pending for locking and 119 package pending for MEE. Out of 402 road works eligible for Routine Inspection (RI) in the month of July, 2023, 31 road works (7.71%) missed RI in the month of July, 2023. 645 packages are pending for payment for more than 3 months. 132 packages are pending for first payment. While the State has incurred an expenditure of Rs. 20.331 crore using eMARG during 2023-24 on roads under DLP, the total expenditure done on bills having liability of FY 2023-24 is Rs. 2.318 crore, which is miniscule and only 11.40 % of total expenditure incurred during 2023-24.

**The State was asked to take action for saturation on eMARG and ensure all the maintenance expenditure through eMARG. The State was also**



**asked to increase maintenance expenditure on roads due for maintenance during 2023-24. There should be visible progress under E-Marg before the EC meeting.**

#### **17. PMGSY-III Awarded road works-tendering analysis**

Out of total 745 awarded works under PMGSY-III, 710 awarded works are awarded below the sanctioned amount. Out of these 710 works, 273 works have been awarded at -30% below than the sanctioned cost, 145 works at 24-30% below the sanctioned cost, 126 works at 18-24% below sanctioned cost, 78 works at 12-18% below sanctioned cost, 55 works at 6-12% below sanctioned cost, 33 works at 0-6% below the sanctioned cost.

34 works are awarded above the sanctioned amount. Out of these 34 works, 27 works are awarded at 0-6% above the sanctioned cost, 5 works are awarded at 6-12% above the sanctioned cost, 1 road is awarded at 12-18% above the sanctioned cost and 1 road is awarded at 18-24% above the sanctioned cost.

**The State was asked to ensure additional visits of State Quality Monitors on the low quoted PMGSY works so that these works are completed with good quality, in terms of advisory dated 3<sup>rd</sup> March, 2022 issued by NRIDA.**

#### **18. Quality Control**

- I. Out of 147 packages in progress, labs for 99 packages have not been established. These should be established immediately.
- II. Against the requirement of 24 SQMs, 73 SQMs are in position in the State.
- III. Against the target of 1,300 SQM inspections during the current financial year, only 141 inspections have been carried out so far.
- IV. **Unsatisfactory % based on NQM inspections (August 2020-July'2023)**
  - Completed Works - 1.02 % - 196 Completed works inspected
  - Ongoing Works -3.00% - 534 Ongoing works inspected
  - Maintenance works - 8.70% - 138 Maintenance Works Inspected

#### **19. Status of complaints**

Action Taken Report (ATR) in respect of one complaint pertaining to poor condition of road works, irregularities in construction of works, etc., which forwarded to State on 18.05.2022, is still awaited. The State was asked to expedite the same.

## **20. SQM Analysis :**

It was noticed during the meeting that SQMs empanelled by the State have graded very few works 'Unsatisfactory' out of the large number of projects inspected by them. The State was advised to scrutinize and find out whether the performance of such SQMs satisfactory.

## **21. Finance Issues:**

- I. Internal audit has not been conducted till date. This may be expedited.
- II. Interest recovery of Rs. 57.84 crore is pending from bank. The State was asked to ensure the same at earliest.
- III. 05works are pending for financial closure for more than 180 days. These may be looked into urgently.

**22.** Pre-Empowered Committee asked the state to send the compliance on all the observations mentioned in the foregoing paras so that EC meeting for sanctioning of the proposal could be conducted at an early date.

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

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