

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 th April, 2022

Minutes

Sub: Minutes of the Meeting of the Pre-Empowered Committee held on 28th March, 2022 to consider the project proposals submitted by Government of Rajasthan under PMGSY III, Batch- I, 2021-22-reg.

A copy of the Minutes of the Meeting of the Pre-Empowered Committee held on 28th March, 2022 through Video Conferencing to consider 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.



(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. All Directors, NRIDA

Copy for information to:-

PPS to AS (RD)

Minutes of the Meeting of the Pre-Empowered Committee held on 28th March, 2022 to consider the project proposals submitted by Government of Rajasthan under PMGSY III, Batch- I, 2021-22.

A Meeting of the Pre-Empowered Committee was held on 28th March, under the Chairmanship of Additional Secretary (RD), Department of Rural Development & DG, NRIDA to consider the project proposal submitted by the State of Rajasthan under PMGSY-III, Batch I of 2021-22. Following officials were present in the meeting.

Dr Ashish Kumar Goel	Additional Secretary (RD)& DG, NRIDA
Shri. B C Pradhan	Consultant/Director (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
State Govt. Representatives	
Shri. Sunil Jai Singh	Chief Engineer
Shri Kaushlendra Bhardwaj	Superintending Engineer
Shri Anil Kumar Mathur	State Quality Coordinator
Shri Khudiwal	Superintending Engineer
Shri Ashok Jangid	Executive Engineer
Shri V.K. Gupta	NMO
Smt. Rinku Jain	ITNO

2. Current Proposal by the State:

A detailed presentation on the proposal submitted by the State of Rajasthan under Batch-I of 2021-22 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 25.03.2022			
	No	Length (in km/m)	Cost (Rs in Crores)	Avg. Cost per km/m (Lakhs)
Roads	31	312.79	170.19	54.41
Total	31 roads	312.79 km roads	170.19*	
MoRD Share : Rs. 102.11 Crore State share : Rs. 68.08 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 5,821.36 km and 2,841.14 Km remains to be sanctioned. The current proposal is for 31 roads of 312.79 Km for Nagaur District of Rajasthan.
- II. Out of 31 roads, 6 roads of 64.35 Km are in 3.75 m carriageway width category with average cost of Rs. 53.66 lakh/Km and 25 roads of 248.44 Km are in 5.50 m carriageway width category with average cost of Rs. 54.60 lakh/Km.

- III. All proposals have been uploaded and scrutinized by the STAs on OMMAS. PTA scrutiny of the proposal is yet to be carried out. The State was asked to complete the same on priority, before the EC meeting.

3. Length wise proposal details

All 31 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 crore	Average cost/km
1	5 km and above	31	312.79	150.02	47.96	170.19	54.41

The average candidate road length is 22.32 Km and the average proposed road length is 10.09 Km.

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 are as under:-

Brick soling	Track	Gravel/ Moorum	WBM	BT	CC	Total
0.00	0.00	7.00	1.50	303.59	0.70	312.79

Out of 31 roads proposed in the current batch, in 29 roads 95% of the existing surface is BT, CC or WBM and in 2 road works 50-75% of the existing surface is BT,CC or WBM. The State was asked to furnish justification as to whether these 2 roads are meeting objectives of PMGSY-III.

5. Planning

i. Trace Map Cut-Quality of roads

Trace Map Rank	Numbers of Proposals	%
1 to 15	20	65%
16 to 50	10	32%
51 to 100	1	3%
> 100	0	0%
Total	31	

The State was asked to submit justification for 11 roads with Trace Map rank more than 15 as this is a new proposal for this district. It should be verified whether higher rank proposals have already been taken up by the state, as mentioned by them in the meeting.

(ii) Planning Audit (Proposals)

- All 31 proposals have been uploaded on GEOSADAK. All proposals were audited for their utility as TR/MRL under PMGSY-III and 05 proposals were sent for minor modifications. The State has already submitted their compliance report.

(iii) High Priority Roads skipped in CUCPL

The details presented before the Committee were for the entire state. **The State was asked to submit proper justification for high priority road works skipped, if any, in Nagaur district.**

6. Traffic wise details of roads

(i) In 5.50 m carriageway width, 1 road of length 7.00 Km is in T5 traffic category with pavement cost of Rs. 48.23 lakh/km and average cost of Rs. 53.14 lakh/Km.

(ii) In 3.75 m carriageway width, 5 roads of length 49.20 km are in T6 traffic category with pavement cost of Rs. 49.13 lakh/km and average cost of Rs 54.60 lakh/Km.

(iii) In 5.50 m carriageway width, 1 road of length 13.60 km is in T6 category with pavement cost of Rs. 44.54 lakh/km and average cost of Rs 53.95 lakh/Km.

(iv) In 3.75 m carriageway width, 01 road of length 15.15 km is in T7 category with pavement cost of Rs. 41.49 lakh/km and average cost of Rs 50.61 lakh/Km.

(v) In 5.50 m carriageway width, 13 roads of length 121.66 km are in T7 traffic category with pavement cost of Rs. 45.08 lakh/km and average cost of Rs. 62.98 lakh/km.

(vi) In 5.50 m carriageway width, 10 roads of length 106.18 km are in T9 traffic category with pavement cost of Rs. 52.06 lakh/km and average cost of Rs 58.03 lakh/Km.

7. Pavement cost/km wise details

The details of proposals are as under:-

Sl No	Pavement cost/km	No of roads	
		3.75 m	5.5 m
1	<50 Lakhs	4	20
2	50-55	2	2
3	55-60	-	-
4	60-65	-	2
5	65-70	-	1
	Total	6	25

The Committee observed that average pavement cost in Degana, Merta and Riyan blocks are on higher side. The State representative attributed the higher cost to higher CC length in the inhabited areas. The State was asked to furnish justification.

8. PCU value

The PCU of 31 roads proposed in the current batch are as under:-

Sl No	PCU/day	No. of roads	
		3.75 m	5.5 m
1	<500	-	-
2	500-1000	-	2
3	1000-1500	-	-
4	1500-2000	5	1
5	2000-2500	-	1
6	2500-3000	-	-
7	3000-3500	1	2
8	3500-4000	-	9
9	4000-4500	-	6
10	4500-5000	-	2
11	>5000	-	2
	Total	6	25

3 road works with less than 2,000 PCU have been proposed in 5.5m width. The State representative intimated that traffic data in r/o these 3 road works need to updated and assured that the same would be done priority. The State was asked to submit third party traffic survey data for these 3 roads. Attention of the State was also invited to 1 road work of PCU value 3000-3500 proposed with 3.75 m carriageway width and the state was asked to furnish their comments on the same.

9. Distribution of roads based on widening to various carriageway

- 1 road work of PCU value 954 has been proposed for widening from 3.00 m carriageway width to 5.50 m carriageway width. The State representative assured the matter will be looked into and response of the state would be provided.
- 21 road works have been proposed for widening from 3.75 m carriageway width to 5.50 m carriageway width. Of these, PCU value of 2 roads are less than 2,000 as per OMMAS. The State was asked to submit justification for the same.

10. DPR observations

- State should provide a copy of SLSC approval, MP-I, MP-II and MP-III formats and consent letters of Hon'ble MPs on final proposal. The consent of MPs should be obtained on the final proposal as per advisory dated 2 June 2020.
- State should certify that the roads proposed in current batch are not PMGSY roads which are under design life.

- iii) Independent Third party traffic survey on the roads of more than 1 MSA through ATCC are not provided by the state.
- iv) Revised Performa-C of the proposals have been checked. In DPRs of T6 & T7 traffic category and having 3.75 m c/way width, 50 mm DBM and 30 mm BC has been proposed, which is not in order as per IRC SP:72-2015. Such DPRs to be rechecked by SRRDA and corrected accordingly. Similarly in some of DPRs of T9 category also, 50 mm DBM and 30 mm BC are proposed. Whereas as per IRC SP:72-2015, 50 mm BM and 20 mm OGPC is admissible.
- v) One road (package-RJ24P-III-27) is of T5 traffic category. State should propose Surface dressing in place of OGPC.
- vi) State was requested to check all the DPRs in terms of IRC SP:72-2015 and revise the DPR as per the design guidelines
- vii) Subgrade soil test results indicating sieve analysis, atterberg limit LL and PI are not attached in the DPRs. The State was asked to submit sample soil test results of some DPRs.
- viii) The State was asked submit Road safety audit of all roads.
- ix) The certified test pit result (pavement composition and layer thickness) of the existing road has not been attached. The same may be sent on priority.

11. Maintenance

State has proposed Rs. 935.99 lakh for 5 years Routine maintenance, which is 5.50% of the construction cost and agreeable. Similarly, for 6th year renewal cost is Rs. 3202.01 lakh, which is of 18.81% of the construction cost and agreeable. The State was also asked to ensure that 5 years routine maintenance cost after 6th year renewal is included in the DPRs.

12. R & D Proposals

- I. State representative intimated that 231.91 Km road length has been proposed using Waste Plastic, which is 74.14% of the proposal. Only 4 Km (1.28%) road length has been proposed under IRC accredited technology, against the minimum requirement of 5% of the total proposal size. All CC portion should be taken with new technology such as RCCP/ cell filled/ paneled concrete.
- II. NRIDA was asked to explore possibility of adoption of new Technology in consultation with the State Government.

13. Compliance to Ministry's advisory dated 2nd June, 2020

The State representative intimated that Hon'ble MP 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 31 road works. It was also intimated by the State representative that the Hon'ble MP has sent a response indicating reasons for non-inclusion of 10 road works mentioned above and that the instant proposal has been approved by the SLSC in its meeting held on 24th March, 2022.

The State was asked to take action in terms of Ministry's advisory dated 2nd June, 2020 on the role of Hon'ble MP in planning and selection of roads under PMGSY-III.

14. Progress of PMGSY works

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

S.No	Scheme	Road length in Km							
		Sanctioned		Completed		Balance		Unawarded	
		Nos.	Length (Km)	Nos.	length (km)	No. of Roads	Length (km)	No. of Roads	Length (km)
1	PMGSY I	16,804	66,045.98	16,802	63,762.17	2	10.50	0	0.00
2	PMGSY II	401	3,464.26	401	3,468.63	0	0	0	0.00
3	PMGSY III	611	5,821.36	442	4,922.50	169	849.67	4	34.94
	Total:	17,816	75,331.6	17,645	72,153.3	171	860.17	4	34.94

Bridge (No.)

S.No	Scheme	Sanction (Nos.)	Completed (Nos.)	Balance (Nos.)	Unaward (Nos.)
1	PMGSY I	26	25	1	0
2	PMGSY II	6	6	0	0
3	PMGSY III	6	1	5	0
	Total:	38	32	6	0

The State representative intimated that 4 road works 35 Km are unawarded due to Court Stay and that the matter is being followed up regularly for early order of the court.

15. Physical Progress 2021-22 (as on 26.3.2022)

The State has made an achievement of 3,078 Km, against target for construction of 2,200 Km during FY 2021-22.

16. eMARG

Total 147 (11%) package are pending for locking and 178 (13%) package pending for MEE. Out of 1,916 road works eligible for Routine Inspection (RI) in the month of February, 2022, 1,312 road works (68%) missed RI in the month of February, 2022. 882 packages are pending for payment for more than 3 months. 368 packages (42%) are pending for first payment. The state was asked to take action for saturation on eMARG and ensure all the maintenance expenditure through eMARG.

17. PMGSY-III Awarded road works-tendering analysis

Out of total 607 awarded works under PMGSY-III, 268 works have been awarded at - 30% and below than the sanctioned cost, 126 works at 24-30% below the sanctioned cost, 98 works at 18-24% below sanctioned cost, 58 works at 12-18% below sanctioned cost, 34 works at 6-12% below sanctioned cost and 16 works at 0-6% below 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 3rd March, 2022 issued by NRIDA.**

18. Quality Control

- I. Against the requirement of 80 SQMs, 46 SQMs are in position in the State.
- II. Against the target of 3,974 SQM inspections during the current financial year, 2,469 inspections have been carried out so far.
- III. **Unsatisfactory % based on NQM inspections (March 2019-February'2022)**

- Completed Works - 1.95 % - 154 Completed works inspected
- Ongoing Works -2.22% - 496 Ongoing works inspected
- Maintenance works - 12.47% - 377 Maintenance Works Inspected

IV. Anomalies of SQM Inspections

- Bad condition of Main Information Board, but the work is graded as " Satisfactory" in Package No. RJ06UG011. Point raised in previous meeting remained unattended.
- Degree of compaction of GSB layers & WMM layers are less than 100% in Package No. RJ24P303.
- Work graded as Satisfactory without conducting field tests in Package No. RJ2482.

- Test sheets of all the tests entered in Proforma are not attached. Only two pits were extracted. Pic of lab is not uploaded (Package No. RJ01P301).

V. It was brought out before the Committee that many SQMs empanelled by the SRRDA 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, before the EC meeting.

19. Finance Issues:

- I. Interest recovery of Rs. 26.86 crore is pending from bank. The State was asked to ensure the same before 31st March, 2022.
- II. 29 works pending for financial closure for more than 180 days.
- III. Transfer of funds from Treasury to Bank is not reflected on PFMS report. The State was advised to get the same rectified to ensure uninterrupted flow of funds.

20. Pre-Empowered Committee suggested 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.
