

No.P-17024/21/2020-RC (FMS No. 372039)

**Government of India
Ministry of Rural Development
Department of Rural Development**


Krishi Bhavan, New Delhi
Dated the 19th June, 2023

Minutes

Sub: Minutes of the Meeting of the Pre-Empowered Committee held on 12th June, 2023 to consider the project proposals submitted by Government of Punjab under PMGSY III, Batch- I, 2023-24-reg.

A copy of the Minutes of the Meeting of the Pre-Empowered Committee held on 12th June, 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.

Encl. as above.



(Lalit Kumar)

Deputy Secretary to the Government of India

Tel. No. 2338 2406

Distribution:

- i. The Secretary, Public Works (Building & Roads) Department, Govt. of Punjab, Chandigarh-143001.
- ii. The Chief Engineer cum Empowered Officer, Punjab Road & Bridges Development Board, Mohali, Chandigarh, Punjab.
- iii. All Directors, NRIDA.

Copy for information to:-

PPS to AS (RD) / PPS to JS(RC)

Minutes of the Meeting of the Pre-Empowered Committee held on 12th June, 2023 to consider the project proposals submitted by Government of Punjab under PMGSY III, Batch- II, 2023-24.

A Meeting of the Pre-Empowered Committee was held on 12th June, 2023 under the Chairmanship of Additional Secretary (RD) & DG, NRIDA to discuss the project proposals submitted by the State of Punjab under PMGSY-III, Batch-II of 2023-24. Following officials were present in the meeting.

Government of India Representatives	
Dr Ashish Kumar Goel	Additional Secretary (RD)& DG, NRIDA
Shri Amit Shukla	Joint Secretary (RC), DoRD
Shri. B C Pradhan	Consultant/Director (Tech), NRIDA
Shri I.K.Pateriya	Director (P.II &P.III), NRIDA
Shri Pradeep Agrawal	Director (P.I), NRIDA
Shri Lalit Kumar	Deputy Secretary, MoRD
State Govt. Representatives	
State Government Representatives	
Shri Nilkanth S Avhad	Secretary, Public Works Department, Govt. of Punjab
Shri Paramjyoti Arora	Chief Engineer, SRRDA Punjab
Shri Arshdeep Singh	Superintending Engineer-cum-SQC, SRRDA
Shri Charanjit Singh Bains	Executive Engineer, Punjab PWD,Punjab
Shri Mohit Batra	Executive Engineer, Punjab Mandi Board
Ms. Tanupreet Kaur	Executive Engineer , SRRDA, Punjab
Shri Ripdaman Singh Seth	Nodal Management Officer, SRRDA, Punjab
Shri Karamjit Singh	Dy. Director (IT), SRRDA, Punjab

2. Current Proposal by the State:

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

Item	As per OMMAS dated 06-06-2023			
	No	Length (in km/m)	Cost (Rs in Crore)	Avg. Cost per km/ m (Lakhs)
Roads	127	1248.762	1297.81	103.93
LSBs	-	-	-	-
Total	127 roads	1248.762 km roads	1297.81*	103.93

* MoRD Share: Rs. 776.7635 Crore, State Share- Rs. 521.05 Crore

- i. The State of Punjab has been allocated target length of 3,362.5 Km under PMGSY-III, out of which State has already been sanctioned 2,083.99 km and 1,278.51 Km remains to be sanctioned. The current proposal is for 127 roads of 1,248.76 Km, which is 29.745 Km short of the balance target length. The State representative intimated that they are not able to upload proposals for remaining 4 roads of around 29 Km length, as part of these proposed roads were taken up for upgradation under PMGSY-III in previous batches and the current stretch could not be taken up then as the same was under DLP at that time. **The State and NRIDA were asked to examine if these proposals shall be uploaded as new proposals or balance length has to be added in the previously sanctioned projects as revision cases. Either of these two options should be followed.**
- ii. All proposals except one have been uploaded and scrutinized by the STAs on OMMAS. PTA scrutiny of the proposal is under process. **The State was asked to get the same completed on priority, before the EC meeting.**
- iii. Out of 127 roads, 8 roads of 74.34 Km are in 3 m carriageway width category with average cost of Rs. 102.7 lakh/km, 25 roads of 236.14 km are in 3.75 m carriageway width category with average cost of Rs. 92.79 lakh/Km and 94 roads of 938.274 Km are in 5.50 m carriageway width category with average cost of Rs. 106.83 lakh/Km.

3. Planning

I. Trace Map Cut-Quality of roads

Trace Map Rank	Numbers of Proposals	%
1 to 15	71	56
16 to 50	43	34
51 to 100	12	9
>100	1	1
Total	127	

As for 13 roads with Trace Map Rank more than 50, the State was asked to verify these and submit justification on their suitability to be taken up under PMGSY-III.

II. Planning Audit (Proposals)

- i. Out of 127 proposals, 121 proposals have been uploaded on GEOSADAK.
- ii. 111 proposals have been audited by NRIDA for their utility as TR/MRL under PMGSY-III. Justification has been asked for from the State Government on 37 proposals, modification in the proposals requested in 7 proposals, while 6 proposals were not found on GEOSADAK. Planning Audit observations on all flagged proposals have been shared with the State vide email dated 10th June, 2023. **The State was asked to upload**

all the proposals on GeoSadak portal and send compliance of the planning audit observations.

- iii. **A total of 129 roads proposals sanctioned prior to the implementation of GeoSadak have not been uploaded on portal. The State was asked to take action for uploading all these sanctioned projects on GeoSadak on priority.**
- iv. **Few examples of those flagged in the planning audit were presented before the Committee. The Committee after going through the related slides asked NRIDA to check alignment of all 127 roads to see if those are as per the PMGSY-III guidelines.**

III. Proposal Level Checks (Data based)

Total 8 proposals have proposed length less than eligible length and the variation is more than 15%. The State was asked to indicate reasons as to why the complete eligible length is not taken for the proposals. Incomplete roads cannot be taken under PMGSY-III.

IV. Proposal with good existing surfaces

2 Proposals have been identified with Good Existing Surface. The State was asked to re-verify these proposals and submit justification alongwith video of the proposed alignment.

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	WBM	BT	CC	Total
0.00	47.65	11.58	1,171.35	18.179	1,248.762

Out of 127 roads proposed in the current batch, in 121 roads 95% of the existing surface is BT or CC, in 1 road works 50-75% of the existing surface is BT or CC, in 2 road works 25-50% of the existing surface is BT or CC and in 3 road works less than 25% of the existing surface is BT or CC. **The State was asked to further analyze these 6 roads with more than 25% Non-BT Surface and furnish justification as to whether these 6 roads are meeting objectives of PMGSY-III.**

5. High Priority Roads skipped in CUCPL

106 roads of High Priority have been skipped due to land issues, 24 roads have been skipped as they are under State Scheme DLP, 24 roads sanctioned under state scheme, in case of 13 roads have proposable road length less than eligible length, 10 roads due to state not interested in riding surface improvement, 4 roads as these are under PMGSY DLP and 1 due to forest issues.

6. Length wise proposal details

Out of 127 proposals of road works in the current batch, 4 road works of 17.007 Km are between 3 to 5 Km and 123 road works of 1231.75 Km are of more than 5 Km, with following details: -

Sl. No	Items	No of roads	Length in km	Pavement cost in crores	Cost/km	Total cost in Crores	Average cost/km
1	3 to 5 km	4	17.007	10.26	60.36	16.24	95.50
2	> 5 km	123	1231.755	871.16	70.73	1281.57	104.04
Total		127	1248.762	881.42	70.58	1297.81	103.93

The average candidate road length is 10.6 km and average proposed road length is 9.83 km.

7. Traffic wise details of roads

The State representative intimated that there are errors in data entry. **The State was asked to rectify the same and enter the correct data.**

8. PCU value

It was observed that large number of proposals with PCU/day value more than 2,000 have been proposed in 3.00 m and 3.75 m carriageway width. Also, roads with PCU value less than 2,000 have been proposed in 5.50 m carriageway width. **The State representative indicated some errors in data uploading. The State was asked to rectify the same on priority.**

9. Distribution of roads based on Widening to various Carriageways

Categories of Upgradation	No.	Length (km)	Avg. Pavement Cost (Lakhs /KM)	Avg. Total Cost (Lakhs /KM)
3.00-3.00	8	74.34	81.33	102.70
3.00-3.75	23	200.40	49.40	94.94
3.00-5.50	65	619.25	78.69	110.77
3.75-3.75	2	35.74	68.64	80.76
3.75-5.50	12	105.14	65.27	102.00
5.5-5.5	17	213.88	66.16	97.77
Total	127	1,248.76	70.58	103.93

As for 23 roads proposed for widening from 3.00 to 3.75 m, the State was advised that the same shall be done with due videography. The geo-tagged

videography shall be uploaded on OMMAS and will also be preserved so that it can be seen during SQM and NQM inspections.

It was also decided that a team shall be deputed by NRIDA to vet the DPRs on sample basis and submit report.

10. Pavement cost/km wise details

The pavement cost of 127 roads proposed in the current batch is as under:-

Sl No	Pavement cost/km	No of roads		
		3m	3.75 m	5.5 m
1	<50 Lakhs	-	13	14
2	50-55	-	03	07
3	55-60	03	06	03
4	60-65	-	01	03
5	65-70	-	-	01
6	70-75	-	01	09
7	75-80	-	-	16
8	80-85	-	-	17
9	85-90	-	-	06
10	90-95	05	-	07
11	> 95	-	01	11
	Total	08	25	94

7 DPRs of pavement cost more than Rs. 70.00 lakh/Km in 3.00 m and 3.75 m carriageway width and 57 roads in 5.50 m carriageway width with average pavement cost more than Rs. 75.00 lakh/Km are required to be checked again.

11. Non-pavement cost/km wise details

Sl No	Non Pavement cost/km	No of roads		
		3 m	3.75 m	5.5 m
1	<10 Lakhs/km		01	06
2	10-20	02	06	29
3	20-30	06	05	24
4	30-40	-	02	12
5	40-50	-	01	05
6	50-60	-	03	05
7	60-70	-	01	05
8	70-80	-	03	03
9	80-90	-	01	05
10	90-100	-	01	-
11	>100 Lakhs/ km	-	01	-
	Total	08	25	94

All proposals of average Non-pavement cost more than Rs. 20.00 lakh/km need to be verified.

12. DPR observations

- i. State has taken in-situ stabilization of 230/mm240mm/250mm along with 40mm BC for T8/ T9 and IRC37. State should take 225mm stabilization. For T6 to T8 category of roads, State should provide 30mm BC instead of 40mm BC.
- ii. ATCC axle load survey shall be done for roads having traffic more than 1 msa and report should be sent to NRIDA on priority.
- iii. State has added excess protection works in relatively plain areas and the same may not be required as per site conditions.
- iv. State has added quantities for dismantling of base layers as separate quantities other than stabilization of in-situ soil in case of FDR. The State needs to correct the same.
- v. In package no-PB-06-108, State has proposed twin cell Box culvert having cost of 70 lakh/km. The estimates seem to be too high with incorrect dimensions taken for calculation of some quantities. The State needs to re-look/correct the same.
- vi. Metal crash barrier proposed in most DPRs. These should be proposed in suitable stretches.
- vii. State has provided excess length of pucca drains. State should provide pucca drains along habitation areas only.
- viii. In some DPRs, state has provided stabilization in 5.65m carriageway instead of 5.5m carriageway. The State should correct the same in DPRs.
- ix. RSA report is not found attached in some of the DPRs, as per PMGSY-III guidelines. Road safety audit should be done on all road with a length of 5 km & more.
- x. State need to get vetted the rate analysis of FDR works from NRIDA.

13. New Technology Proposals

- State has proposed 68.96 Km length in 6 numbers of roads with Nanotechnology.
- State has proposed FDR in 49 numbers of roads for a total length of 517.66 Km.
- 100% Waste Plastic Technology should be adopted in cases bituminous surfacing course is executed using hot bitumen.

- The State was advised to adopt cement treated base in roads, where pavement cost is very high.
- In case of cement concrete pavement, 100% length should be executed adopting paneled cement concrete/cell filled concrete.
- MSD should be adopted as per NTV 2022.

14. Maintenance

State has proposed Rs. 8,592.23 lakh for 5 years Routine maintenance, which is 6.6% of the construction cost and agreeable. Similarly, for 6th year renewal cost is Rs. 30,600.04 lakh, which is of 23.6% of the construction cost and agreeable.

15. 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)	Nos.	Length (Km)	No. of Roads	Length (km)	No. of Roads	Length (km)
PMGSY I	1,050	6,937.212	1,050	6,912.435	0	0.000	0	0.000
PMGSY II	123	1,342.820	123	1,330.795	0	0.000	0	0.000
PMGSY III	206	2,083.993	54	929.904	152	1,151.212	7	55.110
Total:	1,379	10,364.03	1,227	9,173.134	152	1,151.212	7	55.11

Bridge (No.)

SCHEME	Sanction (Nos.)	Completed (Nos.)	Balance (Nos.)	Unaward (Nos.)
PMGSY II	7	7	0	0
PMGSY III	16	0	16	3
Total:	23	7	16	3

The State was sanctioned roads of 1,010 Km on 30th March, 2021, out of these sanctioned roads, 7 roads of 55.11 km are still un-awarded despite a lapse of more than 26 months, which is a matter of concern. 3 bridges which were sanctioned on 11th May, 2021 are also pending for award despite a lapse of more than 25 months. The State was advised to expedite the tendering process for the unawarded works under PMGSY-III on priority.

16. Physical Progress 2023-24 (as on 12.06.2023)

The State has made an achievement of 192 Km, against target for construction of 1,300 Km during FY 2023-24. The State was asked to expedite the pace of execution to achieve the target.

17. Maintenance of roads under DLP

For the FY 2023-24, the maintenance liability is Rs. 9.11 crore. As per the State representative, the State has released Rs. 20 crore. The State was asked to update status on OMMAS.

18. Renewal length

Out of 8,053.51 Km due for renewal, only 455.62 Km has been renewed. The State was asked to take action for renewal of the balance length and update the status on OMMAS. **The State was also asked to expedite release of pending Central Share Rs. 0.20 crore and State Share of Rs. 22.4367 crore of financial incentives.**

19. eMARG

Total 9 package are pending for locking and 13 package pending for MEE. Out of 52 road works eligible for Routine Inspection (RI) in the month of May, 2023, 10 road works (19.23%) missed RI in the month of May, 2023. 98 packages are pending for payment for more than 3 months and 22 packages are pending for first payment. **The state was asked to take action for saturation on eMARG and ensure all the maintenance expenditure through eMARG.**

20. PMGSY-III Awarded road works-tendering analysis

Out of total 198 awarded works under PMGSY-III, 1 work has been awarded at -30% below the sanctioned cost, 7 works at 18-24% below sanctioned cost, 9 works at 12-18% below sanctioned cost, 37 works at 6-12% below sanctioned cost, 119 works at 0-6% below the sanctioned cost.

Further, 19 works are awarded at 0-6% above the sanctioned cost and 6 works at 6-12% 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 3rd March, 2022 issued by NRIDA.**

21. Quality

- i) Out of 156 ongoing packages, QC Lab is not established in 4 packages. **The State was asked to expedite the same.**
- ii) 1 work of more than 12 months old has not been inspected even once. **The State was asked to get the work inspected on priority.**
- iii) Out of SQM inspection target of 320 during 2023-24, 122 inspections conducted so far. The State needs to expedite the pace of inspection to achieve the target.

iv) **Unsatisfactory % based on NQM inspections (April 2020-March 2023)**

- Completed Works - 0.00 % - 9 Completed works inspected
- Ongoing Works - 1.85% - 324 Ongoing works inspected
- Maintenance works - 15.00% - 60 Maintenance Works Inspected

v) 08 NQM ATRs (ongoing works) are pending at State Level. State should expedite.

22. QCR Analysis Report

Out of 81 ongoing works, QCR register has been uploaded in respect of 65 works. **The State was asked to upload QCR in r/o all ongoing works.**

23. SQM Analysis

It was noticed during the meeting that some SQMs empanelled by the State have graded very zero or 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.

24. Financial Issues

- i. Non-submission of Interest verification exercise for the period of FY 2004-05 to 2008-2009.
- ii. Non-submission of Internal Audit Report.
- iii. 05 works pending for financial closure for more than 180 days as on 08-06-2023.
- iv. **Rs. 40.14 crore State Share pending for transfer to SNA.**

The State was asked to look into these financial issues and take appropriate action.

25. Recommendation of Pre-Empowered Committee

Pre-Empowered Committee suggested the state to send the compliance on all the observations mentioned in the foregoing paras. Some data entry were found erroneous during the Pre-EC meeting and, therefore, **it was decided that the proposal shall be discussed once again before placing the same to EC for consideration. NRIDA should also send suitable teams to the state for desk and field verification of DPRs.**

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