

No-P.17024/19/2023-RC (e-383086)

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

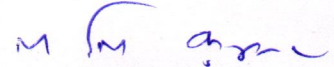
Room No.463
Krishi Bhavan, New Delhi
Dated the 17th March, 2023

MINUTES

Subject: Minutes of Empowered Committee to discuss the project proposals for PMGSY-III submitted by the State Government of Nagaland for the 2022-23 (Batch-I)-reg.

The undersigned is directed to forward herewith minutes of the Empowered Committee Meeting held on **14th March, 2023** under the chairmanship of Secretary, RD on the subject mentioned above for information and necessary action.

2. This issues with the approval of Competent Authority.



(Lalit Kumar)
Deputy Secretary to Govt. of India

Distribution:

- i. The Commissioner & Secretary, Works & Housing Department, Government of Nagaland Kohima 797001.
- ii. Chief Engineer (PWD) and Empowered Officer, PWD (Roads & Bridges) PWD Complex, Nagaland Rural Roads Development Agency (NGRRDA), Nagaland, Kohima-797001.
- iii. The Adviser (RD), NITI Aayog, NITI Aayog Bhavan, Sansad Marg, New Delhi.
- iv. The Director, Central Roads Research Institute, Mathura Road, New Delhi.
- v. All Directors in National Rural Infrastructure Development Agency (NRIDA), 15 NBCC Tower, 5th Floor, Bhikaji Cama Place, New Delhi-110001.

Copy for information to:-

PSO to Secretary (RD), PPS to AS&FA (RD), PPS to AS (RD), PPS to JS(RC)

Minutes of the Meeting of the Empowered Committee held on 14th March, 2023 at 11:00 AM to consider Project Proposals submitted by the State of Nagaland under PMGSY-III (Batch-I 2022-23)

A Meeting of the Empowered Committee was held through Video Conference on **14th March, 2023 at 11:00 AM** under the Chairmanship of Secretary (RD) to consider the project proposals submitted by the State of Nagaland under PMGSY-III, Batch-I of 2022-23. Following officials were present in the meeting.

Shri Shailesh Kumar Singh	Secretary (RD)
Dr. Ashish Kumar Goel	Additional Secretary (RD) & DG, NRIDA
Shri Amit Shukla	Joint Secretary (RC)
Shri Devinder Kumar	Director (RC), MoRD
Shri Mam Chand	Director(IFD), MoRD
Shri. B C Pradhan	Consultant Director (Tech), NRIDA
Dr. I.K. Pateriya	Director (P.III), NRIDA
Shri Pradeep Agarwal	Director (P.I), NRIDA
Shri Ashish Srivastava	Joint Director, NRIDA
Shri Timan Singh	Deputy Director (RC), MoRD
Mrs. C Shayamala	NITI Aayog
State Govt. Representatives	
Shri Kesonyu Yhome	Commissioner & Secretary, PWD (R&B)/PMGSY, Nagaland
Er. Kevide Nakhro	Chief Engineer, PWD (R&B)/PMGSY, Nagaland
Er. Hozheto Shikhu	SQC, PMGSY, Nagaland

2. Details of Proposal

As per Pre EC dated 18.01.2023					As per OMMAS as on 13.03.2023			
Item	Nos	Length (in km)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)	Nos	Length (in km)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)
Up-gradation Roads	40	511.41	454.92	88.95	40	511.41	429.17	83.92
LSB	-	-	-	-	-	-	-	-
Total	40 Roads	511.41 km	454.92	88.95	40 Roads	511.41 km	429.17	83.92

MoRD Share : Rs. 386.24 Crores

State Share : Rs. 42.91 Crores

3. General Observations

- (i) The State of Nagaland has been allocated target of 562.50 km under PMGSY-III. This is the first batch of proposals submitted by the State.
- (ii) 36 roads of 415.72 km are proposed for 3.75 m carriageway width at an average cost of Rs. 78.94 lakhs/Km and 4 roads of 95.69 km are proposed for 5.50 m carriageway width at an average cost of Rs 105.52 lakhs/km.
- (iii) Total cost at the time of Pre-EC was Rs. 454.92 crore and average cost was Rs. 88.95 lakh/ km. After the field visit of team from NRIDA, they scrutinised the DPRs prepared by the State and rationalised the specifications which brought down the total cost to Rs. 429.17 crore and the average cost is now Rs. 83.92 lakh/ km.
- (iv) All proposals have been scrutinized on OMMAS by STA. State was asked to complete the scrutiny of the proposals by PTA on OMMAS on priority.
- (v) Secretary, Nagaland apprised the EC that the State will come up with proposals of LSBs in next batch along with balance road length.

4. Average Cost

- (i) For 3.75 m carriageway width, average cost of the works sanctioned to the State under PMGSY-I in 2018-19 was Rs. 79.71 lakh/ km and for works sanctioned under PMGSY-II in 2019-20 was Rs. 93.69 lakh/ km. For the current batch of proposals, in pre-EC, the average cost was Rs. 85.60 lakh/ km for 3.75 m carriageway width and Rs. 109.48 lakh/ km for 5.5 m carriageway width. Now the cost has been reduced to Rs. 78.94 lakh/ km for 3.75 m carriageway width and Rs. 105.52 lakh/ km for 5.5 m carriageway width. Cost has been reduced due to reduction in percentage of cement content from 8% to 5 % in mix design of FDR layer after deliberations during one day workshop on FDR at Dimapur.

5. Trace Map ranking

Trace Map Rank	Numbers of Proposals (%)
1 to 15	37 (93%)
16 to 22	03 (07%)
Total	40

Trace map rank of all the proposals is satisfactory.

6. Planning Audit

All 40 roads have been uploaded on GEOSADAK, audited by NRIDA for their utility as TR/ MRL and found to be satisfactory.

7. Surface wise details of existing roads

Out of total proposed length of 511.41 km in the current Batch, 1.23 km is gravel/moorum, 22.27 km is WBM and 487.91 km is BT. All the roads have more than 75% BT/CC.

8. Pre-EC Compliance

(i) It was observed during Pre-EC that two roads have ownership with another department. State has clarified that one road Jotsoma to NH-29 (Bypass road) was under BRO, which was taken over by the State PWD recently & improvement of the work is going on this road under SASCI Scheme. Another road Mokokchung village to Chare (0 to 10.2 Km) is taken up by the NHAI.

(ii) During Pre-EC State was also directed to examine 01 road where proposed road length is less than the 5 km and 20 road works where TR/MRL is a terminating link route and are not permitted till all TR/MRL are saturated. State has clarified that actual length for the Package No NG01013028 is 5 km. Due to geometric correction in the alignment of road, the proposed road length is reduced to 4.7 km. All the proposals made are Through Route and MRL. No terminating link routes were considered.

9. Length-wise proposal details

Out of the 40 proposed roads, 1 road is of 3 to 5 km and 39 roads are of more than 5 km. Average candidate road length is 12.70 km and average proposed road length is 12.70 km.

10. Distribution of Roads based on Traffic Category

In case of 3.75 m carriageway width road, out of 36 roads, 8 roads are under T3 category, 21 roads are under T4 category and 7 roads are under T5 category. In case of 5.5 m carriageway width, out of 4 roads, 1 road is under T5 category and 3 roads are under T6 category.

11. PCU/ day details

In case of 3.75 m carriageway width road, 34 roads have PCU < 500, 01 road has PCU 500-1000 and 01 road has PCU 1000-1500.

In case of 5.5 m width carriageway roads, 03 roads have PCU 1000-1500 and 01 road has PCU 1500-2000.

12. Distribution of Roads based on widening to various Carriageway

31 roads have been proposed for widening and upgradation from 3 m to 3.75 m and 3 roads have been proposed for widening and upgradation from 3.75 m to 5.5 m. Since, all the roads are proposed under FDR. Hence, the widening issues as in case of conventional way of construction are eliminated to some extent.

13. Pavement and Non-Pavement cost/ km wise details

(i) It was observed by EC that pavement cost of 3.75 m carriageway width roads is less than Rs. 60 lakh/ km, which has been reduced after Pre-EC meeting. In case of 5.5 m carriageway width roads, State was asked to clarify the reasons for high pavement cost. State has submitted that due to excessive cutting in the hillside, new protection works and more drainage works, cost has increased.

(ii) It was observed that non-pavement cost is increased from 18.73 lakh/km to 26.90 lakh/km after Pre-EC. State has apprised EC that after visit of NQM/STA/NRIDA team & wide discussions, due to the fragile soil strata of mountains

and high intensity of rainfall, more retaining walls, protection works and cross drainage works are required.

14. DPR Issues (Compliance on Pre-EC observations)

- (i) In Pre-EC meeting, State was advised that majority of roads as worn-out BT, but in some DPR photographs at 100 m intervals, the roads seems to have very less existing crust. State informed that all the DPRs were revised as per the suggestion and recommendation by NRIDA team after the field inspection of 28 roads out of 40.
- (ii) During EC, State informed that as per the recommendation of the NRIDA inspection team, traffic survey was conducted at various location of the proposed road and found eligible for 5.5 m carriage width throughout. The same is revised in the DPR.

15. R&D Proposals

- i. The State has proposed construction of 100% length with FDR Technology. During EC, State was advised to adopt the following steps to implement FDR technology:
 - a) Finalization of Mix-Design by the contractor, PIU and SRRDA/PMU/PMC in consultation with expert institutions such as IITs after award of tender only. As the finalisation of Mix design should not restrict tendering process.
 - b) Construction of Test Patch and its testing, and verification of the outcome of mix design on each and every road before taking up construction of the whole length. States should ensure that work shall be allowed to proceed only after it qualifies all the test requirements on a test patch of 100 m.
 - c) State should engage a professional PMU/PMC for management, supervision and quality control of FDR works, as it would not be possible for the existing SRRDA setup to monitor it on day-to-day basis. State must also adopt UTTAM app created by UPSRRDA for monitoring of FDR works.
- ii. State was asked to adopt panelled cement concrete or cell filled concrete wherever road passes through habitation area with proper arrangement of drainage system. State was asked to identify such roads and update DPR on OMMAS.
- iii. State should ensure proper transparent procurement and competition during the tender process.
- iv. State has proposed 100% length using Mechanized Surface Dressing. *During EC, this issue was discussed in detail and EC decided that State should adopt MSS 25 mm thick as a surface course which is a better option than OGPC 20 mm.*

16. Physical Progress

Out of total 262 km of road length under PMGSY-I & II, State assured to complete 169 km of road length & LSBs by March 2023 and balance 93 km of road length will be completed by December 2023-24.

17. Maintenance of roads under DLP

- (i) State was asked to credit the required maintenance fund in the account. State has informed that this year there is required fund available in the maintenance account and assured that for 2023-24 required amounts will be credited next year.
- (ii) No renewal has been done during the last three years. The State has not updated renewal length and expenditure data on OMMAS. The same is required to be done immediately.

18. e-Marg

Out of total 33 packages pushed to e-MARG, 1 (3%) packages are pending for locking, 1 (3%) packages are pending for manual entry expenditure (MEE). 15 roads are eligible for routine inspection in February, 2023, 7 (47%) roads are missed for routine inspection (RI) in February, 2023. 24 packages are pending for payment for >3 months. 5 (21%) packages are pending for payment for first payment for > 3 months. Expenditure of Rs.1.01 crore has been done using e-MARG in FY 2022-23. Total expenditure of Rs. 0.32 crore (32%) has been done on bills having liability of FY 2022-23. The above position is not satisfactory. State was asked to complete saturation on e-MARG.

19. Quality Issues

- (i) During 2022-23, 169 SQM inspections are targeted and till date, 107 inspections have been conducted. There are 2 works which have not been inspected even once. State was asked to inspect these two works and expedite pace of inspection to achieve the target.
- (ii) There are 34 ATRs (6 ATRs for completed works and 28 ATRs for ongoing works) pending at State level. State was asked to look into the matter.
- (iii) During EC, it was observed that high unsatisfactory grading was given for completed and maintenance works, which is a cause of concern.
- (iv) It was observed during the meeting that some SQMs empanelled by the State have graded zero 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.

State was advised to take immediate corrective action and show some improvement in the aforesaid issues.

20. Financial Issues

- (i) Interest verification certificate has also not been submitted for FY 2004-05 to 2015-16 and 2020-21 to 2021-22.
- (ii) State was asked to transfer central share & corresponding state share from State treasury to SNA within prescribed time limit.
- (iii) Financial closures of 03 works are pending for more than 180 days as on 15.03.2023. The State may take immediate action and expedite pending financial closure of completed works.

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

21. No compliance of observations was pending with the State Government for the proposals brought before the EC. Therefore, the Empowered Committee recommended the above proposals for sanction as at para -2 above.

Meeting ended with vote of thanks to and from the chair.
