

**File No-P.17024/28/2021-RC (FMS-374991)**

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

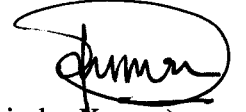
Room No.464  
Krishi Bhavan, New Delhi  
Dated the 8<sup>th</sup> April, 2021

**MINUTES**

**Subject: Meeting of Empowered Committee to discuss the project proposals of State of Uttarakhand for Left out Bridges and Stage-II road works under Pradhan Mantri Gram Sadak Yojana (PMGSY-I) – Minutes thereon.**

The undersigned is directed to enclose herewith the Minutes of the meeting of the Empowered Committee held on **31<sup>st</sup> March, 2021 at 3:00 PM** under the Chairmanship of Secretary (RD) (**through Video Conferencing**) to discuss the project proposals submitted by the State of Uttarakhand for Left out Bridges and Stage-II works under PMGSY-I.

2. State is requested to furnish the Compliance Report to the Ministry/NRIDA for sanctioning of projects under PMGSY-I and II.



(Devinder Kumar)

Director (RC)

Tel. No.011-23070129

**Distribution:**

1. The Additional Chief Secretary, Rural Development Department, Government of Uttarakhand, Dehradun.
2. The Chief Executive Officer, Uttarakhand Rural Roads Development Agency, 1<sup>st</sup> Floor, Directorate of Panchayati Raj, Opp. IT Park, Sahastradhara Road, Dehradun-248013.
3. Engineer, Rural Development Department, Government of Uttarakhand, Dehradun  
The Additional Adviser (TPT), Niti Aayog, Bhawan, Sansad Marg, New Delhi.
4. The Director, Central Roads Research Institute, Mathura Road, New Delhi.
5. The Chief Engineer, Road Standard & Research, Ministry of Shipping Road Transport and Highways, A-5 Institutional Area, Sector-62, Noida-201301, Uttar Pradesh
6. All Directors in National Rural Infrastructure Development Agency (NRIDA), 15 NBCC Tower, 5<sup>th</sup> Floor, Bhikaji Cama Place, New Delhi-110066.

**Copy for information to:-**

PPS to MRD/PS to MoS/PPS to Secretary (RD)/PPS to AS&FA/PPS to AS (RD)/PPS to JS(RC)

**Minutes of the Meeting of the Empowered Committee held on 31<sup>st</sup> March, 2021 to consider the project proposals submitted by the State of Uttarakhand for 2020-21, Batch-I of PMGSY**

A Meeting of the Empowered Committee was held through video conference on **31<sup>st</sup> March, 2021 at 03:00 PM** under the chairmanship of Secretary (RD) to consider the project proposals submitted by the State of Uttarakhand under Pradhan Mantri Gram Sadak Yojana (PMGSY, Batch-I, 2020-21). Following officials were present in the meeting:

Shri Nagendra Nath Sinha	Secretary (RD)
Smt. Alka Upadhyaya	Addl. Secretary (RD)
Smt. Leena Jhori	AS&FA.(RD)
Dr Ashish Kumar Goel	Joint Secretary (RC), MoRD & DG, NRIDA
Shri Devinder Kumar	Director (RC), MoRD
Shri BC Pradhan	Consultant (Tech), NRIDA
Shri Deepak Ashish Kaul	Director (F&A), NRIDA
Dr. I.K Pateriya	Director (P.II&III), NRIDA
Shri Pradeep Agrawal	Director (P.I), NRIDA
<b>State Govt. Representatives</b>	
Ms. Manisha Panwar	Additional Chief Secretary, Rural Development
Shri Uday Raj Singh	CEO, URRDA
Shri K.P.Upreti	Chief Engineer, URRDA
Shri S.K.Pathak	SE and SQC, URRDA

**2. Details of Proposal:**

As per Pre EC dated 12.3.2021					As per OMMAS as on 30.3.2021				
Item	No of Roads	Length (in km)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)	Item	No of Roads/ LSBs	Length (in km)/ Span in m	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)
Stage-II	133	1156.765 km	630.94	54.54	PMGSY-I	133	1156.765	630.73	54.53
Bridges	143	5278 m	445.17	8.43	PMGSY-I	144	5272	434.55	8.24
					PMGSY-II	4	114	8.72	7.65
					Total	148	5386	443.26	8.23
Total	133 roads + 143 Bridges	1156.765 km roads + 5278 m LSB	1076.11			133roads + 148 Bridges	1156.765 km roads + 5386 m LSB	1073.99*	

**\*MoRD Share: Rs 964.86 Crores**

**State Share: Rs. 109.13 Crores**

All 133 Roads and 148 LSBs have been scrutinized by the STA and 10% road DPRs have been scrutinized by PTA, IIT Roorkee. State has intimated that they have uploaded details of 151 LSBs on OMMAS in place of presently proposed 148 LSBs. State should furnish DPRs of additional 03 LSBs to NRIDA and complete scrutiny of these bridges by STA also. State should complete 10% PTA scrutiny of bridges. Out of 151 bridges, 130 are 4.2 m wide and 20 are 5.0 m wide, while 1 is 7.0 m wide

### 3. **Traffic wise details of road**

- i. In 3 m carriageway width, 1 road of length 13 km is in T1 category with average cost Rs 45.06 lakhs/km (average pavement cost Rs. 26.47 lakh/Km) and another 117 roads of 991.065 km in T3 & T4 category with average cost of Rs.54.78 lakh /km (average pavement cost Rs. 36.55 lakh/Km)
- ii. In 3.75 m carriageway width, 15 roads of length 152.7 km are in T3 & T4 category with average cost of Rs.53.70 lakhs/Km (average pavement cost Rs. 39.83 lakh/Km).

### 4. **Average cost Trends**

- i. Empowered Committee observed that in case of Pithoragarh and Tehri Districts, the average cost of roads per kilometer is on the higher side. URRDA intimated that in Pithoragarh District, in one road of 14 km, 4 Km Stage-I work is incomplete and they have to undertake CD work and protection work also. Since present proposal is for Stage-II work and provision for CD and protection work should have been taken during stage-I work, EC directed NRIDA to look into these issues thoroughly in DPRs of all road projects proposed by the State and also to examine that how incomplete stage-I work can be proposed in stage-II road works.
- ii. Out of 151 bridges, in 17 bridges average cost is more than Rs.10 lakhs per meter. According to URRDA, rates of structural steel, reinforcement steel and cement has increased by 20%, 25% & 20% respectively. Further as per revised code (IRC: 24-2010 & latest IRC SP-114-2018), the weight of structural steel is increasing by 15 to 20% in design of steel truss which is leading to higher cost. Detailed justification is required from the state.
- iii. State has proposed one Bow String bridge of 100 meter having two lanes on Mandakini river in Rudraprayag with average cost of Rs.28.39 lakh per meter. Because of complicated fabrication of Bow String bridges, it is costly and takes too much time to complete. Though there is provision under PMGSY for allowing construction of bridges upto 100 meter in Himalayan States and NE States (P.17025/37/2013-RC, dated 19.9.2016), State may reconsider this proposal as all PMGSY-I & II works are to be completed by 31/3/2022. Thereafter, State has to bear all the costs of incomplete projects.

### 5. **DPR issues**

- i. State has proposed construction of 151 LSBs. Out of 151, 144 are of PMGSY-I & 07 are of PMGSY-II. As desired State has uploaded photographs of bridge sites on OMMAS. The state has also provided information regarding diversion road in 72 nos of locations wherever feasible and in 79 locations, provision of diversion road is not feasible due to geographical conditions. But the state has not provided bridge wise objective parameters as asked for during PRE- EC which State has to furnish. State should expedite.
- ii. State has projected all bridges as composite bridges, as cost of composites bridges are approximately 15% cheaper than Bailey bridges due to transportation charges. To justify the same, State has also provided cost comparison for superstructure of different type of bridges which justifies their projection. NRIDA has not commented on cost comparison of these two types of bridges. NRIDA should examine.

### 6. **Maintenance**

The State has proposed a maintenance cost of Rs. 65.76 crore which is 10.43% of construction cost for Roads (Stage-II). State was asked to include the provision of 6<sup>th</sup> year renewal cost in the DPR.

## 7. R&D Proposals

The state has proposed 647.73 Km (55.99%) under Cold Mix, Mainstreaming Technology and 130 km (11.240%) of total length under IRC accreditation. State should also adopt minimum 10% of proposed length apart from cold mix for other main streaming technology such as RCCP, stabilized sub-base/base etc.

## 8. Progress of PMGSY works

Sl. No	SCHEME	SANCTIONED			COMPLETED			BALANCE			UNAWARDED		
		No. of roads	Road Length (Km)	LSB (in No.)	No of roads.	Road Length (Km)	LSB (in No.)	No of roads	Road Length (Km)	LSB (in No.)	No of roads	Road Length (Km)	LSB (in No.)
1	PMGSY I	2,172	18,248.77	218	1,433	15,565.90	90	739	2,523.41	128	10	55.30	02
2	PMGSY II	112	905.83	--	7	595.76	--	105	309.35	--	--	--	--
Total:		2,284	19,154.60	218	1,440	16,161.66	90	844	2,832.76	128	10	55.30	02

Under PMGSY-I, 12 unawarded works are being proposed for dropping.

## 9. Physical Progress 2020-21

State has constructed 3334 Km (87%) road length against targeted length of 3800 Km. State should accelerate the pace of execution to achieve the target.

## 10. eMARG

Out of total workable packages, 78% packages have been locked, 81% contractors have been registered so far and proportion of packages, where payment using e-marg has started, is 32% and Rs. 7.83 crore of payment has been made till date. State is advised to expedite the on-boarding of e-Marg as it will be used for monitoring of maintenance contracts and all manual payment will be discontinued. Progress on e-Marg is quite unsatisfactory as compared to other states and state should bring substantial improvement in payment through e-marg.

## 11. Maintenance Abstract

SRRDA has utilized Rs. 62.94 crore against its maintenance liability of last 5 years of Rs. 179.39 crore which comes around 35.10%, whereas Rs. 111.96 crore has been credited in the SRRDA account in the same period. During 2020-21, against the liability of Rs. 63.40 crore, only Rs 10.01 crore has been spent. Average expenditure on maintenance of roads under DLP is only 35.10%, of the total requirement which is much less than the requirement. *It has been communicated vide Ministry's letter dt 12 January, 2021 that for fund release only such proposals which are compliant to para 19.3 (vi) of the programme guidelines shall be considered for release of the 2<sup>nd</sup> instalment of programme funds. Therefore, state should release its liability in time and incur expenditure for proper maintenance of constructed roads under PMGSY.*

## 12. Renewal Length status (km)

The State has not updated renewal data on OMMAS. According to the State Govt. they have done renewal work of 289.84 km. URRDA has been urged to do the same forthwith.

## 13. Quality issues

- i. Out of 806 ongoing packages, lab has not been established for 81 packages. Photographs of the labs are to be uploaded even if these are mobile labs.
- ii. Further, 97 works have not been inspected by SQM even once, out of these 61 works are more than 12 months old.
- iii. State has 42 active SQMs against the total requirement of 84. State should empanel more number of SQMs or go for hiring of consultantants so that more number of works can be inspected.
- iv. Against the target of 1486 SQM inspections during the current financial year, 1276 inspections have been carried out so far, the target needs to be completed.
- v. 6 ATRs of NQM observations in respect of completed works and 57 ATRs of ongoing works are pending with the State.
- vi. Unsatisfactory grading is 9.38% for completed works, 12.44 % for ongoing works and 42.59% for maintenance works. This is a very serious situation. If this situation does not improve, the Ministry may stop funds flow to the state.

### **Various anomalies in respect of SQM inspection have been observed which are as under:**

- i. Super elevation has been calculated from the random point of the carriageway, not on the curve and from edge of the carriageway. This Type of super-elevation calculation has been followed by many SQMs. (Package Number:- UT190, UT0220)
- ii. Thickness of PMC has been calculated in a wrong way, poor and casual way of inspection followed. (Package Number:- UT0220, UT1122)
- iii. Vegetation is seen on the WBM surface on carriageway, surface has not been properly compacted satisfactory grading reported by the SQMs on a stage-II road. (Package Number:- UT306, UT0704)
- iv. Gradation and thickness test for the layers of road has not been conducted by the SQM, in Chamoli district, sample reports verified at NRIDA.
- v. Surface is fully disturbed for a completed road !! Potholes can be seen on the right edge carriageway and given "Satisfactory" grading. (Package Number:- UT0704, UT0702)
- vi. Condition of culvert is very poor. Walls of box culverts are in poor condition and eroded, given satisfactory by SQM. (Package Number:- **UT0702**)

Proper orientation and training of SQMs should be done by CEO himself so that such anomalies do not occur in future.

## 14. Financial Issues

- i. Financial closure of 33 physically completed work are pending with the State for more than 180 days. The State was asked to take immediate action and expedite pending financial closure of completed works.
- ii. Bank interest verification reports from F.Y 2010-11 to 2017-18, financial reconciliation report, revised tripartite banking agreement and reconciliation of grant from treasury to SRRDA in TSRY-02 report are pending with the state.

## **15. 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, with the condition that all these works must be completed before Mar 2022. Any expenditure beyond Mar 2022 shall be borne by the state from its own resources, and not from PMGSY Funds.

Meeting ended with Vote of Thanks to and from the Chair

\*\*\*\*\*