

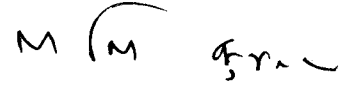
File No. P-17024/29(2)/2019-RC (370849)
Government of India
Ministry of Rural Development
Department of Rural Development

KrishiBhavan, New Delhi
Dated the 22nd February, 2021.

Minutes

Sub:- Minutes of Meeting of Pre-Empowered Committee to discuss the project proposals for PMGSY-III submitted by the State Government of Telangana for the 2020-21 (Batch-II) -reg.

A copy of the Minutes of the Meeting of the Pre- Empowered Committee held on 17th February, 2021 through VC to consider the project proposals for Batch-II of 2020-21 under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III) is forwarded herewith for information and necessary action.


(Lalit Kumar)

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Distribution:

1. The Principal Secretary, Panchayati Raj & Rural Development Department (FAC), Government of Telangana, Room No. 408, 4th Floor, B-Block, T.S. Secretariat, Hyderabad- 500022.
2. The Chief Engineer, O/o Engineer-In-Chief, SRTGN Bhavan, Erramanzil Colony, Hyderabad, Pin code 500082, Telangana.

Copy for information to:-

Sr. PPS to Secretary (RD)/PSO to AS&FA(RD)/PPS to AS (RD)/PPS to JS(RC)/All Directors, NRIDA, NewDelhi.

MINUTES OF THE MEETING OF THE PRE-EMPOWERED COMMITTEE HELD ON 17th February, 2021 AT 12.00 Noon TO CONSIDER THE PROJECT PROPOSALS SUBMITTED BY GOVERNMENT OF TELANGANA UNDER PMGSY III (BATCH II), 2020-21

A Meeting of the Pre-Empowered Committee was held through Video Conference on 17th February, 2021 at 12.00 Noon under the Chairmanship of Joint Secretary, Department of Rural Development & DG, NRIDA to consider the project proposals submitted by the State of Telangana under PMGSY III (Batch II) of 2020-21. Following officials were present in the meeting.

Dr Ashish Kumar Goel	Joint Secretary (RC) & DG, NRIDA
Shri. B C Pradhan	Consultant (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 Sandeep Kumar Sultania	CEO, TSRRDA & Secretary, PR&RD Department, Government of Telangana
Shri A.G.Sanjeeva Rao	Empowered Officer & Engineer-In-Chief, PMGSY, PR, Telangana
Shri G. Seetha Ramulu	SQC & Chief Engineer, PR, Telangana
Shri K. Chandra Shekar	Financial Controller
Shri B. Srihari	Executive Engineer
Shri M. Ravi Kumar	ITNO
Shri I. Vinod Kumar	Nodal Maintenance Officer, eMARG, PMGSY, Telangana

2. Current Proposal by the State:

A detailed presentation on the proposal submitted by the State of Telangana under Batch-II of 2020-21 was made by NRIDA before the Pre-Empowered Committee. The details of the proposal are as under:-

As per State's proposal dated 01.02.2021					As per OMMAS as on 16.02.2021			
Item	Nos	Length (in km)	Cost (Rs in crores)	Avg. Cost/km (Lakhs)	Nos	Length (in km/ m)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)
Up-Gradation - Roads	183	1,168.33	715.16	61.21	200	1,279.10	780.49	61.02
LSBs	8	459.48	19.31	4.20/m	17	1,006.18	42.53	4.23/m
Total	183 roads 8 LSBs	1,168.33 m road 459.48 m LSBs	734.47*	181 roads 8 LSBs	200 roads 17 LSBs	1,279.10 km road 1,006.18 m LSBs	823.02*	
*MoRD Share : Rs. 489.04 crore					State Share : Rs. 333.98 crore			

The State of Telangana has been allocated target length of 2,427.50 Km under PMGSY-III, out of which State was sanctioned 1,119.94 km under Batch-I, 2020-21. The current proposal is for 200 roads of 1,279.10 Km and 17 LSBs covering length of 1,006.18 m at an estimated cost of Rs. 823.02 crore (Central Share- Rs. 489.04 crore and State share- Rs. 333.98 crore). Higher Specification cost beyond 5.50m

carriageway width is to be borne by the State Government, for which the State has already uploaded details on OMMAS.

All the proposals have been scrutinized by STA. **Scrutiny of proposals is yet to be done by the PTA. State was asked to ensure scrutiny by PTA before EC meeting.**

Out of 200 roads, the state has proposed 150 roads of 3.75 m carriageway width (840.88 km) at average cost of Rs 55.87 lakh/km, 49 roads of 5.50 m carriageway width (433.69 Km) at an average cost of Rs 70.39 lakh/km and 1 road of 7.00 m carriageway width (4.53 Km) at an average cost of Rs. 120.09 lakh/km.

3. Length wise proposal details

Out of 200 roads proposed in the current batch, 67 roads are of 3 to 5 km length, while 133 roads are more than 5 km length as per the following details:-

Sl No	Items	No of roads	Length in km	Pavement cost	Cost/km	Total cost in Crores	Average cost/km
1	3 to 5 km	67	259.28	123.98	47.82	155.47	59.96
2	More than 5 km	133	1019.81	493.72	48.41	625.02	61.29
	Total	200	1279.10	617.70	48.29	780.49	61.02

Under PMGSY-III, the candidate roads should preferably be of length not less than 5 km. The State has proposed 67 roads of 3 to 5 km length. The State should submit justification as to how they are MRL/TR and eligible under PMGSY-III.

4. Existing surface details

Track	Gravel	WBM	BT	CC	Total
128.80	339.03	196.89	534.99	79.39	1279.10

The existing surface of large part of the proposal is Track, Gravel or WBM. The State/NRIDA should examine the eligibility of these roads under PMGSY-III considering their CUCPL rank, Trace Map cut, PCU value. It should also be explored if the district where these road works are proposed is saturated and if the proposed length could be transferred to deficient districts. Exclusions from CUCPL should also be analyzed.

5. Traffic wise details of road

In 3.75 m carriageway width, 109 roads of 615.28 km are in T4 & T5 category, 41 roads of 225.59 km are in T6 and T7 category. In 5.5 m carriageway width, 1 roads of 8.5 km are in T4 & T5 category, 44 roads of 387.21 km are in T6 and T7 category and 4 roads of 37.98 km are in T9 category. In 7 m carriageway width 1 road of 4.53 km are in T9 category. The State Government should submit road-wise PCU for all 49 roads proposed in T6, T7 and T9 categories. Higher Specification Cost uploaded by the

SRRDA should be on actual basis not formulaic and the same needs to be corrected on OMMAS.

6. Planning

(i) Trace Map Cut-Quality of roads

Min. Trace Map Rank	Numbers of Proposals	%
1 to 15	182	91.00
16 to 50	18	9.00
51 to 100	-	-
> 100	-	-
Total	200	

(ii) Proposal Level Checks [Data Based]

a) Following 12 proposals have more than 10% variation in eligible length and proposed length (proposed > eligible length)

TS14SRHIB01 TS09ATHIB03 TS03SPIIB08 TS03RPIIB14 TS30HPHIB03
TS06KAHIB22 TS29TRHIB07 TS18TKHIB04 TS24MTHIB07 TS28RE III B
01 TS29TRHIB08 TS17GAHIB02

b) Following 10 proposals with Pucca Drain Length more than twice the length of CC length:

TS14ANHIB06 TS01ADHIB01 TS16PHHIB02 TS15TAHIB05 TS03KJHIB11
TS03RPHIB14 TS13JRHIB12 TS13RAHIB11 TS29TRHIB07 TS29TRHIB08

The state should ensure that non-eligible length is not being proposed under PMGSY. The State should also submit satellite maps of these proposals stating the exact position of the drains with justification.

7. DPR observations

- i. 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.
- ii. State should certify that the roads proposed in current batch are not PMGSY roads which are under design life.
- iii. State needs to ensure that the required land width is available to provide 9 m top width for 5.50m carriageway and 12 m top width for 7 m carriageway width roads as per IRC guidelines. Further, State should ensure that the existing CDs are widened to 9 m/12 m width for such carriageway.
- iv. 3rd party traffic verification as per recent advisory should be done by the State for traffic considered more than 1 MSA and the reports should be attached with the DPRs (5 roads).
- v. State should ensure that the design stage Road Safety Audit has been done for all the proposed roads and the reports should be attached with the DPRs.
- vi. State should propose Surface dressing where the roads designed with T5 and below traffic category as per design chart and Clause 7.3.3 of IRC:SP:72:2015. State should propose sufficient length under surface dressing, white topping and cold mix.
- vii. State has proposed Bituminous Concrete of 30 mm instead of surface dressing/PC & SC. Needs to be modified or added under higher specification cost.
- viii. Transect walk summary/Minutes and copy of Gramma Sabha approval have not been attached to the DPRs

- ix. Certified test results for GSB material indicating LL, PI, MDD, OMC, and CBR have not been found attached to the DPRs.
- x. Format F-9A and F-9B must be signed and certified by PIU officials and attached with the DPRs.
- xi. Typical cross section of pavement indicating existing crust and proposed layers with thickness & width should be attached to the DPRs.
- xii. Due credit has not been given for cutting earth work quantity obtained from drains. Needs to be reduced in overall earthwork quantity.
- xiii. Boulder Aprons may not be required for small culverts. Needs to be deleted
- xiv. Existing/proposed box culverts, slab culverts, Causeways portion needs to be deducted in pavement quantity to avoid duplication of quantities.
- xv. Locations of road safety measures & road furniture should be provided in road plan with proper justifications.
- xvi. The provisions of Metal crash barrier, junction improvements etc needs to be verified and rationalized.

8. Governance Issues

a) Against the requirement of 46 SQMs, presently 18 SQMs are in position and process for empanelment of 13 new SQMs is underway. The State should take action for empanelment of more SQMs in terms of the advisory issued by the NRIDA.

b) There are 10 roads under PMGSY-III, Batch-I which need forest clearance for certain stretch in entire road. Further there are 41 works under PMGSY I and 2 works under PMGSY II which need forest clearance. The State should take immediate action to resolve forest clearance issue on these projects and ensure resumption of work forthwith.

9. Maintenance

The State has proposed Rs. 51.22 crore (6.56 % of the construction cost) for 5 years routine maintenance cost and Rs. 156.69 crore (20.08 % of the construction cost) for 6th years routine maintenance cost. 5 years maintenance cost after 6th year's renewal needs to be included.

10. R & D Proposals

State has proposed 231 roads of 462.57 km using various new technologies as indicated below:

Technology	No of Roads	Length in Km
Waste Plastics	79	182.98
Cold Mix Technology	2	10.19
Cement Stabilization	12	59.62
RCCP	10	3.48
Cell Filled Concrete	16	4.27
Panelled Cement Concrete	42	13.64
Bitumen Stabilization	1	0.60
Nanotac	1	6.96
Nano Technology Waterproofing	6	50.62
Terrazyme	54	101.07
Coir technology	8	29.15
Total	231	462.57

The State was advised to increase the proportion of surface dressing, white topping, cold-mix and nano technology upto the extent possible. The state should propose more length of about 121 km using Coir technology as per Director (P-II) letter dated 23.04.2020 as there is sufficient length of gravel and track. State must sign MoU with Technology Provider and NRIDA before physically starting the work for Performance Evaluation in all these cases. State needs to provide performance evaluation reports of earlier sanctioned works and the roads have been completed. State has entered certain length under other technology, which needs to be specified on OMMAS.

The proportion of roads proposed under R&D Technology is as under:-

Sl No	Description	Minimum length to be proposed in Km	Length proposed in Km	Percentage of R& D roads with respect to total length
i.	Technology with IRC Specification (Mainstreaming of Technology) - 10%	127.91		
	a. Waste Plastic and Cold Mix		193.17	15.10%
	b. Other mainstreaming technology		63.1	4.93%
	Total (a)+(b)		256.27	20.04%
ii.	Technology with IRC Accreditation - 5%	63.96	206.31	16.13%

The State need to maximum length to the extent possible under proven mainstreaming technology other than Waste Plastic and Cold Mix.

11. Progress of PMGSY works

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

Road length in Km

S.No	SCHEME	SANCTIONED		COMPLETED		BALANCE ROAD LENGTH (Km)/Roads	UNAWARDED BALANCE LENGTH (Km)/Roads
		Nos.	LENGTH (Km)	Nos.	LENGTH (Km)		
1	PMGSY I	2,924	10,192.93	2,861	9,735.99	244.39 (63 Nos.)	-
2	PMGSY II	114	944.07	113	894.54	2.91 (1 Nos.)	-
3	PMGSY III	152	1,119.935	0	84.15	1,035.78 (152 Nos.)	7.30 (1 No.)
4	RCPLWE	60	705.21	3	175.06	529.40 (57 Nos.)	7.09 (1 No.)
	Total:	3,250	12,962.15	2,977	10,889.75	1,812.49 (273 Nos.)	14.39 (2 Nos.)

Bridge (No.)

S.No	SCHEME	SANCTION (Nos.)	COMPLETED (Nos.)	Balance (Nos.)	Unawarded (Nos.)
1	PMGSY I	284	263	21	-
2	PMGSY II	17	16	01	
3	PMGSY III	0	0	0	-
4	RCPLWE	34	04	30	01
	Total:	335	283	52	01

The State should take immediate action for completion of pending projects under PMGSY-I, II and RCPLWEA.

12. Physical Progress 2020-21 (as on 15.02.2021)

Only 177 Km (23%) road length has been constructed against targeted length of 770 Km. State should accelerate the pace of execution to to achieve the target.

13. eMARG: Onboarding

90% packages have been locked, 92% contractors have been registered, 27% packages where payment started, Rs. 1.96 Cr. Payment done through eMARG till date. The State should take action for saturation on e-Marg.

14. Maintenance Abstract

Expenditure on maintenance during defect liability period is abysmally low as compared to the requirement. Average expenditure on maintenance of roads under DLP is only 15% of the total requirement. The attention of State was invited towards the provisions of the programme guidelines, which stipulate that the release of 2nd installment of programme fund in a year shall be subject to submission of, among others, a certificate from CEO of SRRDA that maintenance funds required as per maintenance contracts in force had been spent during the previous financial year. For release after May of a year, the certificate should also include that 50% of such maintenance funds requirements for the current financial year have been released by the State, whereas for release after November the certificate should be for 100% of such funds. The State's attention was also invited towards Ministry's advisory dated 12th January, 2021 on the subject and the State was advised to take immediate corrective action.

15. Renewal Length status (km)

A total of 9,017 km road length is due for renewal in the State. The State has not updated renewal data on OMMAS. The State representative was asked to do the same forthwith.

16. Quality Control - 1st & 2nd tier

Out of 237 ongoing packages in progress, quality control lab details have not been uploaded in r/o 21 packages. 19 works of 6-12 months old and 31 works of more than 12 months old have not been inspected even once.

Against the requirement of 46 SQMs, 18 SQMs are in position and process for empanelment of 13 more SQMs is underway. State should take action for empanelment of more SQMs. Against the target of 220 SQM inspections during the current financial year, 188 inspections have been carried out so far. The State should ensure that the target of inspections is met.

17. Quality Issues

- i. Unsatisfactory % based on NQM inspections (April' 2018-January'2021) -
 - Completed Works - 0.00% - 57 Completed works inspected
 - Ongoing Works - 3.80% - 158 Ongoing works inspected
 - Maintenance works - 27.78% - 162 Maintenance Works Inspected
- ii. Pending ATRs at State level-
 - Completed Works - 4
 - Ongoing Works - 22
- iii. Anomalies of SQM Inspections during 2020-21-
 - In many of the roads, no photograph or report uploaded and road is graded as "Satisfactory".
 - Lab and informatory board photographs are not uploaded for many ongoing packages.
 - Inadequate pit size (less than 50*50) for determination of gradation & thickness.
 - Wrong method of checking the thickness of BT.

The State was advised to take immediate corrective action and show some improvement in the aforesaid indicators. A clear action plan to improve quality of maintenance works and inspections need to be put in place before the EC meeting.

18. Finance Issues:

- i. Pending share Rs. 214.91 crore (Central: Rs. 92.10 crore & State: Rs. 122.81 crore) from State treasury.
- ii. Non Submission of Audited Balance Sheets for F.Y 2019-20
- iii. Non submission of bank interest verification reports
- iv. Non submission of reconciliation report of funds received & expenditure
- v. 63 works pending for financial closure for more than 180 days as on 15-02-2021.

The State should take immediate action for early credit of pending central and state share and in any case before the meeting of the Empowered Committee. The State should also expedite action on remaining issues indicated above.

19. 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.
