

No. P-17024/4(4)/2018-RC (FMS No 364034)

Government of India

Ministry of Rural Development

Department of Rural Development

Krishi Bhavan, New Delhi

Dated the 10th May, 2019

Sub: Minutes of the Meeting of the Pre-Empowered Committee Meeting held on 01st May, 2019 to discuss MISSING BRIDGES ON ROADS SANCTIONED PRIOR TO 2011 under REGULAR PMGSY, BATCH-I, 2019-20 submitted by State Government of Bihar-reg .

The undersigned is directed to enclose herewith a copy of minutes of the meeting of Pre-Empowered Committee held on 01st May, 2019 under the Chairpersonship of the DG, NRIDA to discuss the project proposals of missing bridges on roads sanctioned prior to 2011 under Regular PMGSY, Batch-I, 2019-20 submitted by State Government of Bihar.

2. It is requested that a compliance report on all the observations of the Committee may be sent to the Ministry/NRIDA..

M M G M

(Lalit Kumar)

Under Secretary to the Govt. of India

Tel. No. 2338-2406

Distribution:

- (i) Shri Vinay Kumar Secretary, RWD, Govt. of Bihar, 5th Floor, Vishveshwaraiya Bhavan, Bailey Road, Patna- 800015. - 162429/19
- (ii) The Chief Engineer, RWD, Govt. of Bihar, Vishveshwaraiya Bhavan, Bailey Road, Patna- 800015. - (1)
- (iii) Shri Bhagwat Ram, Nodal Officer, PMGSY, SRRDA, RWD, Govt. of Bihar, Vishveshwaraiya Bhavan, Bailey Road, Patna- 800015. - (2)
- (iv) All Directors in NRIDA. - 445573/19 to (2)

Copy to:-

PS to Secretary (RD)/ PPS to SS& FA/PPS to AS(RD)/PPS to JS(RC). - 445573/19-3

to
(6)

155000
10/5/19

**PRE EC MINUTES OF BIHAR REGULAR PMGSY, BATCH-I, 2019-20
(MISSING BRIDGES ON ROADS SANCTIONED PRIOR TO 2011)**

A Pre EC Meeting was held on 1st May, 2011 under the chairmanship of the DG, NRRDA to consider the proposals of 166 missing bridges on roads sanctioned prior to 2011 submitted by the state of Bihar. The meeting was attended by the following officials:-

Ministry and NRIDA officials	
Ms. Alka Upadhyaya	DG, NRIDA
Shri Rohit Kumar	Joint Secretary (RC), MoRD
Dr. Surabhi Rai	Deputy Secretary(RC)
Shri Uttam Kumar	Director (P.III), NRIDA
Shri B.C. Pradhan	Consultant, NRIDA in charge Director (Technical)
Shri I. K. Pateria	Director, NRIDA
Shri Kailash Bisht	Deputy Director (F&A), NRIDA
State Govt. Representatives	
Shri Vinay Kumar	Secretary, BRRDA, Bihar
Shri Bhagwat Ram	R.W.D, Bihar
Shri Arun Kumar Mehto	SQC, BRRDA, Bihar
Shri Anand Prakash	AE/BRRDA
Shri Prabhat Kumar	FM/BRRDA

A. DETAILS OF PROPOSAL

The details of the proposal under consideration during the meeting is as given below:-

As per Pre EC submission dated 30.04.2019					As per OMMAS 30.04.2019			
Item	No of LSBs	Length (in m)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)	No of LSBs	Length (in m)	Cost (Rs in Crores)	Avg. Cost/km (Lakhs)
LSBs (Left out LSBs on roads sanctioned prior to April 2011)	166	10,137.32	511.89	5.05	166	10,137.32	511.89	5.05
Total	166	10,137.32	511.89	5.05	166	10,137.32	511.89	5.05

MoRD Share: Rs.265.05 Crores

State Share: Rs. 246.84 crores

ISSUES DISCUSSED AND DECISIONS TAKEN

A presentation was made before the Committee by Consultant (Technical), in charge Director (Technical), Director (P-III) and DD (F&A) in which the following issues were raised and discussed:-

1. At the very onset an update of the DRRP and DPR preparation of PMGSY was taken from the state. State responded that DRRP process was over for half the blocks and DPR preparation was in progress for these blocks. State was asked to send the DPRs for the districts for which the DPRs had been completed.

Pre EC for PMGSY-II was scheduled on 15th June, 2019. (Action: State Government)

2. The state submitted that the present proposal of missing bridges was delayed due to STA vetting and permission for the same was taken earlier.

The Committee decided to request the EC for the sanction of these proposals of PMGSY-I as a special case. The proposal will be considered only in the event of the permission for sanction of PMGSY-I works by the SRD.

3. DPR issues

- i. Geo-tagged photographs indicating Location of the proposed bridge; starting, ending point and alignment of the sanctioned road with kml files should be provided for all 166 LSBs.

State submitted that kml files have been submitted for 161 bridges and the kml files for the rest 5 would be submitted within a week. (Action point: State Government)

- ii. The Ecm value used in the DPR has been taken from the Table 6.5 of IRC112-2011 which stands for Quartzite/granite aggregates which may not be available in Bihar. So the value should be corrected according to the availability of aggregates.

State was directed to get the DPRs checked at Circle level before submitting to STA. (Action point: State Government)

- iii. Steel quantity provided in the DPRs is abnormally high when compared to the requirement of steel as per design. Spacing of bar needs to be reduced and rationalised as per the design.

State was directed to recheck the same reform the design by the time of the EC meeting. (Action point : State Government)

- iv. Bearing design is carried out using old IRC 83 (Part II)-1987. Revised code published by IRC in 2015 should be used. (Action point : State Government)
- v. Response reduction factor for ductile detailing should be taken as per Table 20 of IRC:6:2017. As the bridge falls under Zone III, the value taken as 2.5 instead of 3 (BR2AFK109). (Action point : State Government)
- vi. For long bridges, PSC Girder bridge with 6-7 spans is economical than RCC T-Girder bridge. State may explore the possibility of providing PSC Girder bridge to save the valuable materials, construction time and cost, will result in better quality resulting in durability of bridge structure.

The state agreed to the point and committed to change the same for 10 bridges. (Action point: State Government)

- vii. In Hydraulic design, estimation of catchment area is not given. State should ensure that all the DPRs have been designed considering actual catchment area, flood data, geo-technical investigations and designs should be checked by the Department. (Action point: State Government)
- viii. State should ensure that all the bridges on Link route proposed with 5.50 m width of bridge. In case, 7.50 m width of bridge proposed pro-rata cost beyond 5.50 m bridge width should be borne by the State with necessary changes on OMMAS under State share.

A suggestion was made to the state that the all bridges should be taken as 7.5 mt as a futuristic measure, taking into consideration the traffic growth, population pressure and cost to the state with the pro-rata cost beyond 5.50 m bridge width to be borne by the State. (Action point: State Government)

- ix. Joint Inspection reports have not been received. State was directed to submit the Joint Inspection reports of the bridges (Action point: State Government)
- x. All proposals have been uploaded on OMMAS and scrutinized by the STA.

4. Issues related to physical progress and pending works

- i. The State has informed that 406.71 Km needs to be dropped vide letter no. BRRDA(HQ)-PMGSY-314/2018 dated 21.01.2019. However, NRIDA has received only 42 roads of 106.13 Km. Balance dropping proposals needs to be submitted by the State.(Action point: State Government)
- ii. A perusal of OMMAS data on physical progress has shown that the state still has 1977 roads (2373.43 kilometres) pending out of which 669 roads (1065 kilometres) consists of works more than 4 years old. **State was directed to give a monthly action plan for completion of these works after factoring those works which are pending for dropping, land dispute and forest clearances.** (Action point: State Government)
- iii. It was observed that 370 roads (1528 kms) and 362 LSBs is still pending award and this is around 41% of the total sanctioned length.

State was directed to expedite the award of these pending works.
(Action point: State Government)

5. Quality issues

- i. It was seen that Rs. 1246.57 crores was the amount required for maintenance from 2013-14 till April 2019. Against this requirement the state has credited an amount of Rs. 956.65 crores only and utilised only Rs. 664.31 crores (53% of the requirement). The state has an average U grading of 39.08% in NQM inspections over these years. In the previous year (2018-19) against a requirement of Rs. 186 crores the state credited Rs. 175.53 crores. The State utilised Rs. 110.715 crores (60% of requirement) and had a cumulative U grading of 36.90% in the NQM inspections.

- ii. Of the 2096 ongoing packages field labs have not been established in 526 packages and 450 such packages were inspected by the SQMs.
- iii. 368 works were not inspected by SQMs even once and of these payment of more than Rs. 1 lakh has been done in 124 cases.
- iv. 59.49% contractors have not been inspected by NQMs even once .
- v. 53 ATRs of completed works are pending with the state and 14 are pending with NRIDA for verification. 184 ATRs of completed works are pending with the state (125 are pending submission) and 13 are pending with NRIDA for verification.
- vi. With 42.8% U grading in Maintenance, 14.4% U grading in Ongoing works and 12.1 U grading in completed works (Average of last three years) the performance of the state with respect to quality was seen to be rather dismal. The U% grading of 2018-19 with 39.5% U grading in Maintenance, 10.5% U grading in Ongoing works and 7.2% U grading in completed works does show a marginal improvement by the state.

Displeasure was expressed by the DG(NRIDA) on the poor performance of the state in terms of maintenance as well as the other quality parameters. The State was directed to focus on the improvement of quality of works especially maintenance given the fact that the state doesn't have any paucity of maintenance funds. State was direct to pay greater attention and focus to liquidation of ATRs as that would bring down the U grading percentage to a great extent. NRIDA was directed to increase the number of NQM inspections for the state of Bihar (Action point: State Government/NRIDA)

6. Issues related to Finance and Accounts

- i. State was asked to liquidate all the audit observations of 2017-18 already communicated to the state by the F&A Division, NRIDA before the audit of accounts for 2018-19. **State was also asked to appoint an auditor in time and complete the audit of 2018-19 by September, 2019.** (Action point: State Government)
- ii. State requested for extension of time for closing of 235 physically completed works pending financial closure. **State was directed to send a request after taking action for readiness of payment of these pending bills** (Action point: State government)

C. MAJOR DECISIONS TAKEN

- i. Pre EC for PMGSY-II was scheduled on 15th June, 2019.
- ii. The present proposal for missing bridges under PMGSY-I will be placed before the EC as a special case. The proposal will be considered only in the event of permission given for sanction of PMGSY-I works by the SRD.
- iii. State was asked to respond to all the DPR observations. A suggestion was made to the state that the all bridges should be taken as 7.5 mt as a futuristic measure, taking into consideration the traffic growth, population pressure and cost to the state with the pro-rata cost beyond 5.50 m bridge width to be borne by the State.

The meeting ended with thanks to the chair.
