

No. P-17024/4(5)/2017-RC (File FMS No 358389)
Government of India
Ministry of Rural Development
Department of Rural Development
Rural Connectivity Division

Krishi Bhavan, New Delhi
Dated the 6th September, 2018

Subject: Minutes of the Meeting of the Pre-Empowered Committee to consider project proposals submitted by the Government of Bihar under RCPLWE Batch-I (2019-20)-reg.

The undersigned is directed to enclose herewith a copy of minutes of the meeting of Pre-Empowered Committee held on 03rd September, 2019 under the Chairpersonship of the Additional Secretary (RD) & DG, NRIDA to discuss the proposals submitted by the State of Bihar under RCPLWE Batch-I (2019-20)-.

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

M. M. Kumar

(Lalit Kumar)
Under Secretary to the Govt. of India
Tel. No. 2338 2406

Distribution:

- i. Shri Amrit Lal, IAS, Principal Secretary, RCD, Govt. of Bihar, 5th Floor, Vishveshwaraiya Bhavan, Bailey Road, Patna- 800015.
- ii. The Nodal Officer (RCPLWEA), RCD, Govt. of Bihar, Vishveshwaraiya Bhavan, Bailey Road, Patna- 800015.
- iii. All Directors in NRIDA.

Copy to:-

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

**Minutes of the Meeting of Pre-Empowered Committee held on
03.09.2019
for the proposals of the State of Bihar RCPLWE under PMGSY, Batch I
(2019-20)**

A Pre-Empowered Committee meeting was held under chairpersonship of AS & DG, NRIDA in UNNATI on 3rd September, 2019 to discuss the proposals submitted by the State of Bihar under RCPLWE Batch-I (2019-20). The following officials were present in the meeting: -

Smt. AlkaUpadhyaya	In-chair
Dr. Surabhi Rai	Director(RC)
Dr. I. K. Pateriya	Dir (P-II), NRIDA
Shri Uttam Kumar	Dir (P-III)
Shri Deepak Ashish Kaul	Dir (F & A)
Shri Mohansundram	JD (Tech)
Shri Satendra Prasad	JD(P-I)
Shri Yogesh Mohan Dixit	Director, MHA
State Govt. representatives	
Shri Alok Kumar	Joint Secretary-cum-Nodal Officer

2. The project proposals submitted by the State is as follows:-

As per State's proposal					As per OMMAS dated 02.03.2019			
Item	No of works	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	54	629.99	831.25	131.95	54	629.99	831.25	131.95
Bridges	35	2287.86	122.37	5.35	35	2,287.86	122.26	5.35
Total	54 roads 35 LSBs	629.99 Km roads 2287.86 m LSBs	953.62*		54 roads 35 LSBs	629.99 Km roads 2,287.86 m LSBs	953.51*	

3. **Issues Discussed:-**

A. **General and DPR Issues:-**

- i. All proposals of Phase-II have been submitted by the State. 21 roads have been declared as non-feasible by the State due to issues of forest clearances and hence will be proposed for dropping by the State. State should submit a certificate that all roads in the present proposal are clear from the angle of forest clearance. **(Action point: State Government/NRIDA)**
- ii. Perusal of the district-wise average cost trends showed exceedingly high costs amounting to almost more than 140 lakhs per Km in Jamai and Rohtas despite the fact that 13 roads have been proposed with 3.75 meters. The Committee observed that in regular PMGSY, Bihar Rural Roads Development Agency has proposed 3.75 m roads at 66 lakhs per Km. Considering the same the specifications proposed under RCPLWE was not tenable. All the proposed roads are Rural Roads and projected traffic is more than 2 MSA and IRC 37 has been adopted for pavement design. State has proposed DBM & SDBC for all roads which the Committee said is not technically feasible and cannot be considered. Moreover, State has predicted very high traffic volumes. Committee directed the State to relook the traffic predictions as even roads of 1 - 2 Kms with normal rural roads at the start and end points have also been prescribed very high specifications for more than 2 MSA traffic. Moreover no traffic verification studies have been submitted by the state. **(Action point: State Government)**
- iii. State needs to certify that the proposed alignments are as per the road alignments approved by the MHA. **(Action point: State Government)**
- iv. The DPRs need to enclosed
 - a. Transect walk report and photographs ,
 - b. clear coloured photographs at every 100 m interval of road along with photographs of existing/new proposed CD and protection works locations,
 - c. Hydraulic details, catchment area calculation, hydraulic adequacy of proposed and existing CDs and
 - d. Authenticated soil and GSB test results . **(Action point: State Government)**
- v. Earth work cost is on the higher side. The borrow pits earth taken from the adjacent land (Government land). However in the rate analysis, an item 'compensation for earth taken from private land' is added. Rate needs to be rationalised. **(Action point: State Government)**
- vi. The rate adopted for water is Rs. 253.69 instead of Rs. 40 as per SoR. Rate analysis needs to be verified. **(Action point: State Government)**
- vii. In WMM rate analysis 10% of cost of tipper added extra which is not as per standard data book. **(Action point: State Government)**
- viii. As the State has proposed Dense Graded Bituminous Macadam of 50 mm thickness, the tack coat proposed on primed granular surface should be deleted as per DO letter no. NRRDA-PO14(11)/1/2018-JD (Tech) dated 23.03.2018. **(Action point: State Government)**
- ix. A number of items are required to be included in state share
 - a. Width of CDs proposed is 12 m. The cost of CDs beyond 8.40 m width should come from the State share.
 - b. Cost of road beyond 5.50 m carriageway width if proposed by the State, should come from State share.
 - c. Utility shifting cost should come from additional state share. This has not been entered on OMMAS as State share (Rohtas district). **(Action point: State Government)**
- x. Length of Slab culvert, vented causeway, proposed bridge and box culvert portion needs to be deducted in the pavement portion to avoid duplication of quantities. **(Action point: State Government)**

- xi. State has replaced majority of the existing Cross drainage structures. Good CDs should be retained/widened/repared instead of reconstruction (BR25RC245). **(Action point: State Government)**
- xii. State has proposed Dry Lean concrete of 100 mm thickness below the concrete pavement of 300 mm thick (M30). The DLC (Rs. 8300/Cum) may be replaced with WMM (Rs. 3200/Cum). **(Action point: State Government)**
- xiii. Road furniture cost is on higher side (17.72 lakhs) due to Delineators and road marking (BR28RC177). **(Action point: State Government)**
- xiv. Levels (HFL) shown in L section and GAD are different. **(Action point: State Government)**
- xv. In Pile main reinforcement L-has been made at the bottom of the pile reinforcement, which is not as per MoRTH specifications. This should be corrected. It will be better to use spiral rings in lieu of individual ring in the pile reinforcement. **(Action point: State Government)**
- xvi. Bridge Joint Inspection reports have not been received. **(Action point: State Government)**
- xvii. State has proposed 14.10 % 6th year renewal cost which is on the lower side and needs to be increased to 18-20 %. State was also asked to have a 5 - year maintenance contract on the 6th year renewal. **(Action point: State Government)**
- xviii. No roads have been proposed using new technology material. The Committee directed the State to undertake plastic roads of required percentage. **(Action point: State Government)**

(B) Status of RCPLWE works :-

- i. Only 90.21 Kms progress has been made in the present year against the target of 137 Kms. State should make a plan to cover the gap of 47 Kms lag in the next few months. **(Action point: State Government)**

(C) Quality Issues:-

- i. Out of 68 award packages labs have not been established in 28 packages. State submitted that labs have been established in all packages. Committee directed the State to upload the same on OMMAS. **(Action point: State Government)**
- ii. 5 ATRs of NQM inspections are pending with the State. **(Action point: State Government)**
- iii. Director(P-III) was asked to write to BRRDA for sharing of empaneled SQMs for inspection of RCPLWE works in Bihar. **(Action point: NRIDA)**
- iv. Director(P-III) observed that the quality of SQM inspection was extremely questionable since photographs showed that SQM had conducted inspections at night and with no proper testing. Not a single work had "U" grading in 83 inspections whereas in case of NQM inspection more than 50% of the works were graded as "U". State was asked to appoint a proper State quality SQC to oversee quality issues in RCPLWE works. **(Action point: State Government)**

(D) F &A Issues:-

- i. It was seen that State has incurred an expenditure of only 41.51% and as available balance of 169.09 crores. State was asked to expedite expenditure in order to avail the 2nd instalment of programme fund. **(Action point: State Government)**

Decision was taken by the Committee that the costs proposed by the State are too high and both width of the roads and specifications need to be revisited in order to come to rational costs.

The meeting ended with Thanks to the Chair.
