

## 28<sup>th</sup> TECHNICAL COMMITTEE MEETING

Technical Committee Meeting for the scrutiny and Technical Sanction of project reports prepared by PMU (7 works)

Meeting No. 28

Date – 10<sup>th</sup> December, 2021; 11.00 pm

Venue : Online Platform (Google Meet)

### AGENDA

Technical Committee Meeting for the scrutiny and Technical Sanction of project reports prepared by PMU (7 works)

### PRESENT

S.No	Name	Designation and Office Address
1	Sri Johnson K	Chief Engineer, LID EW, LSGD
2	Dr. B.G.Sreedevi	Former Director, NATPAC
3	Dr. Ashalatha	Professor CET
4	Dr. Nivin Philip	Professor, Saint Gits College of Engineering
5	Dr Jaya V	Professor CET
6	Dr Neethu Roy	Professor, Mar Baselios College of Engineering and Technology
7	Dr. Vishnu R	Assistant Professor, NIT, Waranagal
8	Sri Vishnukumar G	Project Director, PMU RKI LSGD
9	Sri Shiju Chandran	Assistant Executive Engineer, PMU RKI LSGD
10	Sri. Binod J	Assistant Engineer, PMU RKI LSGD
11	Sri. Jithu Raj	Assistant Engineer, PMU RKI LSGD

Sl.No	Description	Action
1.1	The meeting commenced at 11 AM. The Chief Engineer, LID&EW informed that the proposed meeting is scheduled for according the Technical Sanction of 7 DPRs submitted by PD, RKI PMU for which Administrative Sanction has been accorded by the Government based on the designs approved by the Technical Committee	-
1.2	PD, RKI PMU informed that administrative sanction was accorded to roads in three districts viz., Wayanad, Pathanamthitta and Idukki under DBMT mode of implementation vide GO(Rt) No 485/2019/P&EA dated 15/11/2019 which was later changed to Item Rate mode. M/s Vasuprada LLP has prepared DPRs and 7 such DPRs are vetted by 26 <sup>th</sup> technical committee. These seven projects are submitted for favour of TS.	-
<b>DISCUSSIONS</b>		
2.1	Chief Engineer, LID &EW invited PD, PMU to brief about the 7 DPRs in Technical Committee	-
2.2	Dr. R Vishnu raised concern about limiting the percental content of cement in cement stabilized road to 2% from 4% against standard data. The project director informed that it is the immediate past experience in mix designs that 2% is sufficient to obtain necessary CBR. It was suggested to ensure proper mix design and also to ensure in field during execution that the target CBR is achieved.	PD, PMU
2.3	It was pointed out that in the project "Perikkankaval Kollamkulambadi Karikavala Road in Idukki District" the pavement configuration as per minutes of the 26th technical committee and the DPR are different. PD informed that this has occurred due to a typographical error in the minutes and the configurations laid out in the DPR is actual. The variation was effected in compliance of 15 <sup>th</sup> Technical Committee Minutes wherein it was suggested to change the pavement configuration to Short Paneled Concrete from BC. PD also requested to ratify the submission of estimate as per DPR for Technical Sanction in contrast to the minutes.	
<b>DECISIONS</b>		
3.1	It was decided to modify the paragraph II/3 (table) of 26 <sup>th</sup> tender committee minutes is modified to such extend that the 4 <sup>th</sup> row is read as "Pavement Configuration    300mm stabilized subgrade + 150mm CTSS + 10cm short panel concrete".	PMU
3.2	Technical Committee approved the technical sanction of 7 DPRs (Annexure 1) submitted by PD, PMU subject to the conditions attached along with this minute of meeting.	PMU
<b>NEXT MEETING</b>		
4.1	Next Technical Committee meeting will be informed well in advance.	

1. ~~Dr. Nivin Philip~~

2. Dr. Vishnu R

3. ~~Dr. Jayal~~

4. Dr. Asokan R

5. Dr. Neelku R

Chief Engineer  
PEN 538757  
CHIEF ENGINEER  
OFFICE OF THE CHIEF ENGINEER  
LSGD (LID&EW)  
THRIUVANANTHOPURAM.

Dr. B.G. Sreedhar

Neelku R

**ANNEXURE 1**

Sl. No	Name of Work	Length of Road (in kms)	Reconstruction or Rehabilitation Suggested	Nature of Pavement Suggested	Additional Features or Structures provided	Total Cost (in lakhs)	Per km Cost of Pavement (in lakhs)
1	Kallarkutty Naikunnam Road in Idukki District	0.637	Reconstruction	Rigid	Retaining wall, Drain, Culvert	69	108.3
2	Pallikudicity Mangathupalam Road in Idukki District	0.854	Reconstruction	Flexible	Retaining wall, Drain, Culvert	213	249
3	Padicup Plakkayam Kuttamudi Tribal Colony Road in Idukki District	4.331	Rehabilitation, Resurfacing & New construction	Rigid	Retaining wall, Drain, Culvert	506	116.83
4	Puthed Annoorthodu Road in Idukki District	4.175	Reconstruction	Rigid+ Flexible	Retaining wall, Drain, Culvert	383	91.74
5	Perikkankaval Kollamkulambadi Karikavala Road in Idukki District	0.631	Reconstruction	Rigid	Retaining wall, Drain, Culvert	206	326.5
6	Valliyurkavu Varadimoola Road in Wayanad District	1.519	Reconstruction	Rigid+ Flexible	Retaining wall, Drain, Culvert	145	95.46
7	Vilanilam Pilakavu Road in Wayanad District	2.450	Rehabilitation, Resurfacing & New construction	Flexible	Retaining wall and Culvert	389	158.78

## ANNEXURE 2

The Technical Sanction for the estimate is hereby accorded as per the decision (Minutes of Meeting) of the 10<sup>th</sup> Technical Committee subject to the put forth by the Technical Committee in the previous meetings and as per the conditions listed below:

- a. All the instructions put forth by the Technical Committee should be adhered to
- b. All required statutory approval should be obtained from competent authority. NOC from concerned authorities in connection with utility shifting may be obtained.
- c. Consent from the land owners shall be obtained where the widening of the road, construction of retaining wall, if any, is proposed through private property.
- d. Necessary quality check and lab tests should be ensured and conducted as per MoRD / MORTH Specifications and relevant IS / IRC codes .Supervising officers should ensure that the work is carried out as per MoRD / MORTH Specifications and relevant IS / IRC codes (including density of all the layers after compaction, their thickness, Gradation, bitumen content, spreading and compaction temperatures, and density after compaction and other relevant tests)
- e. Initial and final Levels for earthwork, GSB, WMM, BM and BC etc should be reported to CTE. All the Circulars / instructions issued by the CTE should be adhered to and followed
- f. Excavated earth should be accounted for before disposal.
- g. Materials obtained from demolition of existing structures should be accounted.
- h. The gradient provided for the road shall be as per IRC Specification or the relevant codes
- i. Adequate number of Weep Holes should be provided in the Retaining Wall. It shall also be ensured that the base width of the retaining wall is provided as per provisions prevailing in the relevant IS codes
- j. In the case of Culverts and Minor Bridges, the Safe bearing Capacity of the soil should be ensured prior construction of these.
- k. Safety measures wherever required should be done at site.
- l. If any changes have to be made in the sanctioned estimate during execution, the same shall be intimated to this office and If any extra item of work is proposed for execution during while the work is in progress, prior approval should be obtained from Technical sanctioning Authority/Technical Committee or otherwise cannot be approved.
- m. Different principal stages such as tendering, awarding of work (road work and foundation work etc), completion etc. should be reported to this office / PMU before effecting the final payment.
- n. Every Completed work should be test checked by the Project Director/Executive Engineer before effecting payment.
- o. Pre-Qualification method of tendering should be followed as per existing norms.