20th TECHNICAL COMMITTEE MEETING

20th Technical Committee meeting and for the scrutiny and appraisal of the project reports prepared by the consultant and PMU.	
Meeting No. 20	**Date** – 14th May 2021,10.30 am
Venue: Online (Google meet)	
AGENDA	
1. Scrutiny and Appraisal of Project Reports prepared by PMU and Consultants	

PRESENT

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

15	Binil Gopinath	Assistant Engineer, PMU RKI LSGD	
16	Sharavaneswar	Assistant Executive Engineer, PMU RKI LSGD	
17	Rasheed	Assistant Engineer, PMU RKI LSGD	

Sl.No.	Description		Action
1.1	The Chief Engineer, LSGD informed that the proposed meeting is for Scrutiny and approval of project reports (5 nos) prepared by consultant		-
	DISCUSSIONS		
2.1	PD, PMU and the Engineers of PMU RKI LSGD explained the Nature of work, components of work included in the estimate. The details of the work proposed is listed in the table below		
Sl No	**Name of Work**	**Features of Road**	
	DPR Presentation by Consultants		
1	V1-W17 44 th mile makkimala Road wayanad	Length of Road (in kms)	5.370
		Reconstruction or Rehabilitation Suggested	Rehabilitation
		Nature of Pavement Suggested	flexible
		Existing portion 0+000 to 5+370	40mm BC+75mm WMM
		Widening Portion 0+000 to 5+370 km	300mm stabilised subgrade+100mm GSB+75mm WMM+40mm BC
		Additional Features or Structures provided	Ch @ 2+203,2+412,2+992,3+150,3+302,4+082,4+905-culvert retained, 1+498,4+628- slab culvert reconstruction
		Total Cost (in lakhs)	278.1
		Per km Cost of Pavement (in lakhs)	51.9
	In DPR new GSB material is used for pavement after 2km, Committee suggested to ensure the effect to recycle of existing GSB after 2 km. Also suggested to check the gradation given in the		

	proposal. Bridge construction that has taken up under CMLRRP fund has to be mentioned in DPR.		
2	V1-W19 Kattimoola- Aroola kolathada Road wayanad	Length of Road (in kms)	A-2.07 km B-1.38 km
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	flexible
		A- Ch 0+000 to 2+085	300mm stabilised subgrade+100mm GSB+75mm WMM+40mm BC
		B- Ch 0+000 to 1+395	300mm stabilised subgrade+100mm GSB+75mm WMM+40mm BC
		Additional Features or Structures provided	0+500,0+658,0+882,3+039,3+119,3+494-pipe culvert retained, 1+120,1+305,1+582,1+853,2+477,2+849 - slab culvert retained
		Total Cost (in lakhs)	290
		Per km Cost of Pavement (in lakhs)	84
	Technical Committee suggested to do stabilized shoulder instead of doing paved shoulder.		
3	V1-W20 Orappu-Evanarikulam- kattimoola Road	Length of Road (in kms)	A- 2.22 km B-2.175 km
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	flexible
		0+000 to 2+205	300mm stabilised subgrade+100mm GSB+75mm WMM+40mm BC
		0+000 to 2+175	300mm stabilised subgrade+100mm GSB+75mm WMM+40mm BC
		Additional Features or Structures provided	A-0+057, 0+584- slab culvert retained, 0+726- pipe culvert retained B- 0+885,1+845 slab culvert retained, 1+440 pipe culvert retained.
		Total Cost (in lakhs)	363.8

		Per km Cost of Pavement (in lakhs)	82.6
	Technical Committee suggested to do stabilized shoulder instead of doing paved shoulder.		
4	V1-W21 Korome-Karimbil Road	Length of Road (in kms)	3.810 km
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	Flexible & Rigid
		0+00 to 1+200 flexible pavement	100mm GSB+100mm WMM650mm DBM+30mm BC
		1+200 to 2+500 Rigid pavement	180mm PCC M30 + 150mm CTSB
		2+500 to 3+810	200mm GSB on 300mm stabilised subgrade+ 100mm WMM+50mm DBM+30mm BC
		Additional Features or Structures provided	15 culverts are there 5 culverts retained and 10 culverts for reconstn
		Total Cost (in lakhs)	1120
		Per km Cost of Pavement (in lakhs)	289.2
	Technical committee insisted PMU to recheck the proposal whether three types section is needed for the proposed road. Committee suggested to adopt DBM & BC for whole length road. Instead of providing earthen shoulder in rigid pavement portion better to adopt rigid shoulder according to site condition.		
5	V1-W22 Kollikandam-Kunneri-Neelam Road	Length of Road (in kms)	1.935
		Reconstruction or Rehabilitation Suggested	Reconstruction & Rehabilitation
		Nature of Pavement Suggested	Flexible
		Existing portion 0+960 to 1+935	300mm stabilized subgrade+100mm GSB+75mm WMM+ 40mm BC
		Widening Portion 0 to 0+960 & 0+960 to 1+935	300mm stabilised subgrade+100mm GSB+75mm WMM+40mm BC
		Additional Features or	Existing pipe culvert retained

		Structures provided	@150m
		Total Cost (in lakhs)	140.3
		Per km Cost of Pavement (in lakhs)	72.9
	Technical committee suggested to avoid the paved shoulder.		
	DECISIONS		
4.1	PMU and consultants have to increase a greater number of test pit so that clear sublayer details will be obtained to design the pavement. No. of test pit /km has to increased to two numbers.		PD, PMU
4.2	Consultants has to check the slides before presentation. Cross section details and pavement proposal written in executive summary of DPR is different from the presentation. Executive summary has to corrected before technical approval.		PD, PMU
	NEXT MEETING		
	Next Technical Committee meeting will be on 19-05-2021		

Chief Engineer

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