

22nd TECHNICAL COMMITTEE MEETING

22nd Technical Committee meeting and for the scrutiny and appraisal of the project reports prepared by the PMU.

Meeting No. 22

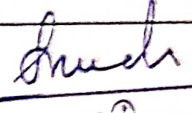
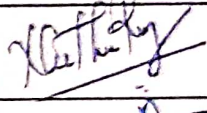
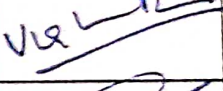

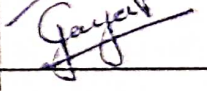
Date - 20th May 2021, 10.30 am

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	Haseena A	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 (7 nos) prepared by PMU	-	
	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	Construction of Manenkary padi to Kodumkuthu parambu road in Thalavady GP Alappuzha	Length of Road (in kms)	0.742
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	Rigid
		Existing portion 0+000 to 5+370	150mm PQC M30+150mmCTSB+300mm Cement stabilisation subgrade
		Additional Features or Structures provided	DR masonry, Irish drain
		Total Cost (in lakhs)	135
		Per km Cost of Pavement (in lakhs)	181.94
2	Construction of Nalenkalpadi to Kunnathuparambu road in Thalavady GP in Alappuzha District	Length of Road (in kms)	0.913
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	Rigid
			100mm short panelled concrete+150mmCTSB+300m

			m Cement stabilisation subgrade
		Additional Features or Structures provided	Reconstruction of 1 box culvert, New construction of 3 culverts, DR masonry
		Total Cost (in lakhs)	198
		Per km Cost of Pavement (in lakhs)	217.1

3	Upgradation of Ambiyathupadi ikkara boat jetty road in Edathua GP in Alappuzha	Length of Road (in kms)	Stretch1- 2.241 Stretch 2- 0.3115
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	Rigid
		Stretch1- 2.241	100mm short panelled concrete+150mmCTSB+300m m Cement stabilisation subgrade
		Stretch 2-0.3115	100mm short panelled concrete+150mmCTSB+300m m Cement stabilisation subgrade
		Additional Features or Structures provided	Reconstn of 2 culverts, Constn of new 7 culverts, Irish drain, DR masonry
		Total Cost (in lakhs)	360
		Per km Cost of Pavement (in lakhs)	141.08

4	Reconstruction of Government Hospital road in Thakazhy GP in Alappuzha	Length of Road (in kms)	Stretch1-0.554,Stretch 2-0.446
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	Rigid
		0+00 to 0+554 Stretch 1 pavement	150mm Rigid PQC+150mm CTSB+300mm Cement stabilisation
		Stretch 2 0+000 to 0+446	100mm short panelled

		concrete+ 150mm CT SB+ Earth filling
	Additional Features or Structures provided	Irish Drain, DR masonry, New culverts (5 nos)
	Total Cost (in lakhs)	219
	Per km Cost of Pavement (in lakhs)	214.7

5	Upgradation of KE Caramel Pulickal road in Kanjikuzhy GP in Alappuzha	Length of Road (in kms)	0.8785
		Reconstruction or Rehabilitation Suggested	Rehabilitation
		Nature of Pavement Suggested	Flexible
		Existing portion 0+00 to 0+878	40mm BC +120mm WMM
		Widening Portion 0 +000 to 0+878	40mm BC +120mm WMM+150mm GSB
		Additional Features or Structures provided	Irish Drain
		Total Cost (in lakhs)	69
		Per km Cost of Pavement (in lakhs)	78.58

Technical committee insisted to provide white topping instead of proposing 40mm BC. Suggestions has to be incorporated in estimate and presented before next technical committee

6	Construction of Padaharam Chruuch to Vayanasalapadi road in Alappuzha	Length of Road (in kms)	0.690
		Reconstruction or Rehabilitation Suggested	Rehabilitation
		Nature of Pavement Suggested	Rigid
		Existing portion 0+00 to 0+690	100mm short panelled concrete+150mm CTSB+300mm cement stabilized subgrade
		Additional Features or Structures provided	DR Masonry
		Total Cost (in lakhs)	131
		Per km Cost of Pavement (in lakhs)	189.86

Technical committee insisted to rework the estimates as the road width proposed is not sufficient

enough and also practical difficulties will occur for the construction. Technical committee suggested to revisit the proposed site, whether the rehabilitation of the road is required or not.


7	Upgradation of 45il Puthuvel jetty road in Thakazhy GP in Alappuzha	Length of Road (in kms)	1.295
		Reconstruction or Rehabilitation Suggested	Reconstruction
		Nature of Pavement Suggested	Rigid
		0+00 to 0+368	100mm White topping
		0+368 to 1+295	100mm Short paneled concrete(PQC M30)+150mm CTSB+300mm cement stabilisation
		Additional Features or Structures provided	New culverts(6 nos), DR masonry
		Total Cost (in lakhs)	201
		Per km Cost of Pavement (in lakhs)	155.21

DECISIONS

3.1	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
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NEXT MEETING

Next Technical Committee meeting will be intimated in advance


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