

31st TECHNICAL COMMITTEE MEETING FOR EVALUATION OF PMURKILSGD PROJECTS

Technical Committee Meeting for vetting of 10 new DPRs

Meeting No: 31

Date: 23.04.2022, 11.00am

Venue: Online (google meet)

AGENDA

I Scrutiny of 10 nos of new DPRs prepared by PMU

PRESENT

Sl No	Name	Designation and Office address
1	Johnson K	Chief Engineer (LID&EW),LSGD
2	Dr. Jaya V	Professor, College of Engineering, Trivandrum
3	Dr. Ashalatha R	Professor, College of Engineering, Trivandrum
4	Dr. Vishnu R	Assistant Professor, NIT, Warangal
5	Dr. Nivin Phillip	Professor, Saint Gits College of Engineering
6	Dr. Neethu Roy	Professor, Mar Baselios College of Engineering and Technology
7	Sri. Vishnukumar G	Project Director, PMU
11	Sri. Shainy N	Assistant Executive Engineer
12	Sathyanath B	Assistant Executive Engineer
13	Shiju Chandran R	Assistant Executive Engineer
14	Saravaneshvar	Assistant Executive Engineer
15	Benzilal S D	Assistant Executive Engineer
16	Binod J	Assistant Engineer
17	Remjish R S	Assistant Engineer
18	Haseena A	Assistant Engineer
19	Jithu Raj R	Assistant Engineer
20	Krishnakumar P	Assistant Engineer
21	Rasheed	Assistant Engineer
22	Riphin K John	Assistant Engineer

The Chief Engineer, LID&EW started the meeting at 11.00 am

The Project Director, Project management Unit described about the projects being presented before the Technical Committee. The projects consists of 10 nos of DPRs newly prepared by PMU. The engineers from PMU started the presentation of DPRs prepared by PMU. The details of the projects and discussions are listed below.

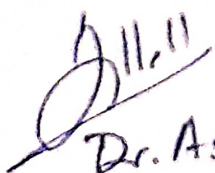
I	New DPRs prepared by PMU (10/10 nos)	
1	Valyapalli Kayalpuram School Road in Pulinkunnu GP, Alappuzha	
	Length of Road	1275 m
	Reconstruction/Rehabilitation suggested	Rehabilitation/New Construction
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	100 mm GSB + 75mm WMM +150mm M30 PQC for new construction 75mm WMM+150mm M30 PQC over existing pavement for rehabilitation portion
	Details of RWs	1074 m
	Details of Culverts	3 nos Box Culvert
	Details of Drains	Nil
	Total Cost	430 lakhs
	Per km cost	337 lakhs/km
	Comments from Technical Committee	Since retaining wall is constructed over stone dumping, the technical committee advised to provide an intermediate RCC belt. DPR approved

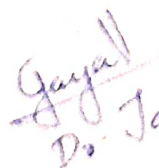
2	Sahi Rubber Ambalamukku Kattumana Road in Edathala GP, Ernakulam	
	Length of Road	1325 m
	Reconstruction/Rehabilitation suggested	Rehabilitation
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	100 mm GSB + 75mm WMM +150mm M30 PQC for widening 75mm WMM+150mm M30 PQC over existing pavement for rehabilitation portion
	Details of RWs	420m
	Details of Culverts	Nil
	Details of Drains	Nil
	Total Cost	170 lakhs
	Per km cost	128 lakhs/km
	Comments from Technical Committee	DPR approved
3	Papanattupadi Panchayathpadi Road in Kottangal GP, Pathanamthitta	
	Length of Road	2010 m
	Reconstruction/Rehabilitation suggested	Rehabilitation/New Construction
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	150mm Soil Cement +150mm M30 PQC for new construction 75mm levelling course using WMM+150mm PQC over existing pavement for rehabilitation portion
	Details of RWs	Nil
	Details of Culverts	Nil
	Details of Drains	Nil
	Total Cost	222 lakhs
	Per km cost	110 lakhs/km
	Comments from Technical Committee	Technical committee suggested to include cross section drawings of rehabilitation section also in the DPR. DPR approved.
4	Thattekkallu Ponnezhuthan Colony Road in Kanjikuzhy GP, Idukki	
	Length of Road	2205 m
	Reconstruction/Rehabilitation suggested	New Construction
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	150mm Soil Cement +150mm M30 PQC for new construction
	Details of RWs	720m
	Details of Culverts	1 pipe culvert
	Details of Drains	Nil
	Total Cost	325 lakhs
	Per km cost	147 lakhs/km
	Comments from Technical Committee	Technical committee suggested to change pipe culvert to box culvert due to the impracticality in procuring concrete pipes for a single culvert. Technical committee also advised to provide dowel bars for stretches that are constructed over rock.DPR approved.

5	Bhoomiyankulam Keshamini Road in Vazhathoppe GP, Idukki	
	Length of Road	1950 m
	Reconstruction/Rehabilitation suggested	New Construction/Rehabilitation
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	150mm CTSB +150mm M30 PQC for new construction Levelling course using CTSB+150mm M30 PQC over existing pavement
	Details of RWs	60m
	Details of Culverts	Nil
	Details of Drains	Nil
	Total Cost	190 lakhs
	Per km cost	97 lakhs/km
	Comments from Technical Committee	Technical committee suggested to include cross section drawings of rehabilitation section also in the DPR. DPR approved.
6	Pulikeezhu Road in Kottangal GP, Pathanamthitta	
	Length of Road	2202 m
	Reconstruction/Rehabilitation suggested	New Construction/Rehabilitation
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	150mm CTSB +150mm M30 PQC for new construction Levelling course using CTSB+150mm M30 PQC over existing pavement
	Details of RWs	662m
	Details of Culverts	1 box culvert
	Details of Drains	Nil
	Total Cost	260 lakhs
	Per km cost	118 lakhs/km
	Comments from Technical Committee	Technical committee advised to check the status of existing culvert and reconstruction may be done only if the existing culvert is damaged. DPR approved.
7	Ramapuram Illathupadi Valyathupadi Road in Ranni GP, Pathanamthitta	
	Length of Road	1245 m
	Reconstruction/Rehabilitation suggested	New Construction/Rehabilitation
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	Levelling course using WMM+100mm M30 short panel concrete over existing pavement
	Details of RWs	Nil
	Details of Culverts	Nil
	Details of Drains	Nil
	Total Cost	85 lakhs
	Per km cost	68 lakhs/km
	Comments from Technical Committee	DPR approved.

8	Kuzhur Iranikulam Indira Gandhi Road in Kuzhur GP, Thrissur	
	Length of Road	1920 m
	Reconstruction/Rehabilitation suggested	Rehabilitation with widening
	Nature of Pavement Suggested	Flexible
	Pavement Configuration	Levelling course using GSB+100mm WMM+50mm DBM+30mm BC over existing pavement;120mm GSB+100mm WMM+50mm DBM+30mm BC for widening portion
	Details of RWs	360m
	Details of Culverts	3 box culverts
	Details of Drains	1080m
	Total Cost	338 lakhs
	Per km cost	176 lakhs/km
	Comments from Technical Committee	DPR approved.
9	Araikkalpadai Ambikavilasam Estatepadi Road in Senapathi GP, Idukki	
	Length of Road	1950 m
	Reconstruction/Rehabilitation suggested	Rehabilitation with widening/New Construction
	Nature of Pavement Suggested	Rigid
	Pavement Configuration	Levelling course using CTSB+150mm M30 PQC over existing pavement; 150mm CTSB+150mm M30 PQC for widening and new construction portion
	Details of RWs	360m
	Details of Culverts	1 box culverts
	Details of Drains	Nil
	Total Cost	565 lakhs
	Per km cost	289 lakhs/km
	Comments from Technical Committee	DPR approved.
10	Chottilappara Bridge in Choondal GP, Thrissur	
	Span	15 m
	Reconstruction/Rehabilitation suggested	New Construction
	No of spans	1
	Total Width	7.5m
	Carriageway width	6 m
	Foundation	Pile foundation using 1000mm RCC DMC pile
	Total Cost	275 lakhs
	Comments from Technical Committee	DPR approved.

The meeting concluded at 2.15 pm


Dr. Ashadulla R


Dr. Jayal