

# 34<sup>th</sup> TECHNICAL COMMITTEE MEETING FOR EVALUATION OF DETAILED PROJECT REPORTS OF PMURKILSGD PROJECTS

Technical Committee Meeting for scrutiny of Detailed Project Reports (3 nos).

Meeting No: 34

Date: 22.10.2022, 11.00am to 1.00pm

Venue: Online (google meet)

## AGENDA

I Scrutiny of Detailed Project Reports (3 nos) prepared by Consultants

## PRESENT

SI No	Name	Designation and Office address
1	Johnson K	Chief Engineer, LID&EW
2	Sri. Vishnukumar G	Project Director, PMU
3	Dr. B.G. Sreedevi	Former Director, NATPAC
4	Dr. Vishnu R	Assistant Professor, NIT, Warangal
5	Dr. Nivin Philip	Professor, Saint Gits College of Engineering
6	Sri. Vishnukumar G	Project Director, PMU
7	Shainy N	Executive Engineer, PMU
8	Sathyanath B	Assistant Executive Engineer, PMU
9	Shiju Chandran R	Assistant Executive Engineer, PMU
10	Saravaneshvar	Assistant Executive Engineer
11	Benzilal S D	Assistant Executive Engineer
12	Hazramol M U	Assistant Executive Engineer
13	Binod J	Assistant Engineer
14	Praveen	Assistant Engineer
15	Syam S	Assistant Engineer
16	Rasheed	Assistant Engineer
17	Jeo Antony	Assistant Engineer
18	Riphin K John	Assistant Engineer

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

The Project Director, Project management Unit described that 3 DPRs are being presented in the meeting. The DPRs are prepared by Consultants. There are two DPRs in Idukki and one DPR in Pathanamthitta. All the three DPRs contains bridges. The designs are vetted by the Dr. Nivin Phillip, Professor, Saint Gits College of Engineering and Structural Engineering expert of the Technical Committee. *The Chief Engineer expressed displeasure for non participation of other technical committee members and remarked that, in future, maximum number of members shall participate in the technical committee. Also PMU shall ensure that more than one expert, in the relevant subject of discussion, is present during the meeting.* Thereafter the representatives of the consultants have started the presentation of DPRs.

New DPRs prepared by Consultants	
1	50th Mile Kallakuttykudi road in Devikulam LAC, Mankulam GP
	Length of Road 1250 m
	Reconstruction/Rehabilitation suggested New
	Nature of Pavement Rigid
	Pavement Configuration 300 mm Cement Stabilised Subgrade+ 150 mm CTSB + 100mm PQC M30 short panel concrete
	Details of RWs Nil
	Details of Culverts Box Culverts Ch 0+484, 0+763, 1+800, 2+109, 2+215 Bridge bowstring type, 2+312, 2+393, 2+480
	Details of Drains Irish Drains
	Total Cost 276 lakhs
	Per km cost 220.48 lakhs/km
	Comments from Technical Committee The chief Engineer insisted that the design of bridge shall be verified by a Govt./aided Engineering College. The Project Director opined that the approval of the DPR including vetting of the designs are the responsibility of the Technical Committee and vetting is already done by the structural expert of the TC. Chief Engineer pointed out that the designs are to be verified by either a government engineering college or by a committee with more than one structural engineering expert. Project Director suggested that the verification of designs can be done by the committee constituted for approval of bridges. (Committee already formulated by Government for scrutiny of the bridge projects taken up by PMU). The committee shall approve the DPR subject to approval of bridge design by the above committee.
2	Mangathotti - Kanakapusha NR city in Udumbanchola LAC, Senapathi GP,
	Length of Road 2639 m
	Reconstruction/Rehabilitation suggested Reconstruction
	Nature of Pavement Flexible
	Pavement Configuration 300mm compacted subgrade+100mm GSB+75mm WMM+50mm DBM+30mm BC
	Details of RWs 40 m
	Details of Culverts Box Culvert Ch 0+786 Box, 1+495 portal MNB, 2+120 Box, 2+345 Box, 2+457 Box
	Details of Drains Irish drain

	Total Cost	718 lakhs
	Per km cost	271.92 lakhs/km
	Comments from Technical Committee	The chief Engineer insisted that the design of bridge shall be verified by a Govt./aided Engineering College. The Project Director opined that the approval of the DPR including vetting of the designs are the responsibility of the Technical Committee and vetting is already done by the structural expert of the TC. Chief Engineer pointed out that the designs are to be verified by either a government engineering college or by a committee with more than one structural engineering expert. Project Director suggested that the verification of designs can be done by the committee constituted for approval of bridges. (Committee already formulated by Government for scrutiny of the bridge projects taken up by PMU). The committee <i>shall approve</i> the DPR subject to approval of bridge design by the above committee.
3	Thiruvabharanapatha road in Ranni LAC, Cherukol GP	
	Length of Road	1050 m
	Reconstruction/Rehabilitation suggested	New
	Nature of Pavement	Rigid
	Pavement Configuration	300mm compacted subgrade+100mm GSB+75mm WMM+150mm PQC.
	Details of RWs	470 m
	Details of Culverts	Portal MNB Ch 0+252, Box Culvert 0+880
	Details of Drains	Nil
	Total Cost	671 lakhs
	Per km cost	639 lakhs per km
	Comments from Technical Committee	The chief Engineer insisted that the design of bridge shall be verified by a Govt./aided Engineering College. The Project Director opined that the approval of the DPR including vetting of the designs are the responsibility of the Technical Committee and vetting is already done by the structural expert of the TC. Chief Engineer pointed out that the designs are to be verified by either a government engineering college or by a committee with more than one structural engineering expert. Project Director suggested that the verification of designs can be done by the committee constituted for approval of bridges. (Committee already formulated by Government for scrutiny of the bridge projects taken up by PMU). The committee <i>shall approve</i> the DPR subject to approval of bridge design by the above committee.