

Minutes of the Meeting of Pre-EC held on 18th Sept, 2013 for the proposals of the State of Madhya Pradesh under PMGSY

State: Madhya Pradesh

A Meeting of Pre-Empowered Committee for PMGSY was held under the Chairmanship of Sh. Rajesh Bhushan, Joint Secretary (RC) in his chamber on 18th Sept, 2013 at 16:00 hrs to discuss the proposals sent by the State of Madhya Pradesh for the new connectivity and bridges under ADB (2013-14). The following were present in the meeting:-

Sh. Rajesh Bhushan	Joint Secretary, Min of Rural Development
Dr. I. K. Pateria	Dir (Tech) NRRDA
Shri N. C. Solanki	Director (P-I), NRRDA
Shri Bhupal Nanda	Director (F&A), NRRDA
Shri P K Katare	Director (P-III), NRRDA
Shri Y. S. Dwivedi	Director (RC)
State Govt Representatives	
Smt. Alka Upadhyaya,	CEO
Shri Aniruddh D. Kapaley	E-in-C
Dr. Rajeev Saxena	CGM(Finance)
Shri S.D. Pendse,	SQC
Shri M.K. Nigam,	GM(T)
Shri Govind Pancholi,	Manager-IT

2. The State presented the proposal for consideration under ADB (2013-14), as per following details:-

Item	New Connectivity	Missing LSB	Total
Value in Rs. Crores	890.53*	276.92**	1167.45@
No. of Road /Bridge works	695	106	695 roads 106 bridges
Length in Km	1949.34	-	1949.34km
Average Cost in Lakhs / Km	45.68	-	-

* MoRD Share = 873.30crs

State share = 17.23crs

**MoRD Share = 140.06crs

State share = 136.86crs

3. Discussions on eligible habitations under PMGSY:

Dir(Tech) presented the status of updation of habitation entry on OMMAS as under:

Eligibility of habitations*

Item	1000+	500+	250+	Total Eligible
As on 1 st April, 2000 (as reported by state on OMMS)	6,743	12,729	4,921	24,393
As per records NRRDA (As per cabinet note Feb 13)	5,992	11,114	4,062	21,168
As per OMMS entry as on	7,752	12,336	2,013	22,101

* Excluding habitations covered under state schemes/not feasible

- JS(RC) observed that there are large variations in the figures.
- Dir(YSD) informed that the State was supposed to complete the updation of habitation entry on OMMAS by 31st March, 2013 as per last clearance letter dated 13th March, 2013 issued by the Ministry.
- The State assured that it will complete the updation of habitation entry on OMMAS before seeking the date for Empowered Committee and latest by 30th September, 2013.
- The State also assured that it will complete all habitation mapping with the core-network and proposals latest by 30th Sept, 2013.

4. DPR issues

Dir (Tech) informed that the State has sent some sample DPRs as asked from the State and its scrutiny is in process. However, some specific points observed in the DPRs have been communicated formally to the State for rectification and also brought out in the **Annexure-I** to the Minutes. In addition Dir(P-III), NRRDA has also examined some DPRs during his visit to Bhopal recently and communicated his views on these DPRs verbally which should also be addressed.

In view of the large deficiencies and discrepancies in the DPRs, the Dir(YSD) advised the State to review all the DPRs again and resubmit the proper DPRs to NRRDA in PDF format on DVDs.

5. Overhead and contractor's profit (OH & CP) in DPRs for the bridges:

The State informed that it has catered OH & CP as 25% in the bridge DPRs. Also, as some of the items of bridges are not available in the SOR (PMGSY) of MPRRDA, the State has adopted the SOR of the State for estimation in DPRs.

The JS(RC) asked the State to reduce the OH & CP to 20% and also get the approval of Dir(P-I), NRRDA for adopting the State SOR for the bridges.

6. CBR test results:

Dir(Tech) presented the trend in changes in the CBR values district-wise over the years as taken out from OMMAS as under:

Variation in CBR											
Sr No.	District	% of Roads Length with CBR less than 3		% of Roads Length with CBR 3 to 4.99		% of Roads Length with CBR 5 to 9.99		% of Roads Length with CBR 10 and More		% of Roads length with CBR - Undefined	
		2001-13	2013-14	2001-13	2013-14	2001-13	2013-14	2001-13	2013-14	2001-13	2013-14
1	Chhatarpur	4.84	21.05	26.13	52.63	46.45	26.32	0	0	22.58	0
2	Chhindwara	10.99	29.17	38.18	58.33	38.18	12.5	1.49	0	11.17	0
3	Datia	18.11	63.64	47.24	27.27	22.05	9.09	0	0	12.6	0
4	Dhar	24.43	33.33	26.24	0	28.05	8.33	0.9	0	20.36	58.33
5	Jabalpur	28.43	9.3	40.1	27.91	4.06	0	0	0	27.41	62.79
6	Khargone	14.75	86.67	43.03	6.67	26.64	6.67	0	0	15.57	0
7	Panna	1.9	0	22.15	94.12	48.73	5.88	0	0	27.22	0
8	Ratlam	17.19	56.52	14.06	8.7	56.25	34.78	0	0	12.5	0
9	Seoni	8.4	0	56.64	60	25	11.11	0	0	9.96	28.89
10	Shahdol	0.75	0	72.45	16.67	14.72	80	0	0	12.08	3.33
11	Shivpuri	30.7	60.61	23.39	15.15	30.99	18.18	0	0	14.91	6.06
12	Umría	5.41	2.27	70.27	31.82	14.05	61.36	0	0	10.27	4.55
13	singrauli	0.68	0	45.89	18.75	41.78	81.25	0	0	11.64	0

The State needed some time to comment on the large variations in the CBR values in the same districts.

Dir(Tech) also informed that the CBR value test reports attached with the DPRs appears to be manipulated and the actual tests may not have been done.

Dir(Tech) also informed that as per previous instructions, the States are also required to get at least 25% CBR values tested in STA Laboratories but the same is not being followed.

The State informed that it has deposited the amounts with the STAs to carry out the CBR tests but the STAs are not responsive.

The JS(RC) instructed Dir(Tech) to discuss the matter with the STAs and resolve the issue.

7. Proposals under R&D/ Use of marginal material/ Streamlining the developed technologies:

The State informed that it has included 22 roads with new technologies etc.

Dir(Tech) informed that the States are required to bring at least 15% proposals under R&D/ Use of marginal material/ Streamlining the developed technologies etc.

The State agreed to comply with above instructions including considering the 50 roads excluded from the proposal for which the EC was called on 22nd January, 2013.

8. Implementation capacity of the PIUs:

The State informed that it has increased its PIU strength to 90 PIUs and taking actions to increase upto 100 PIUs with the release further works.

9. Quality assurance by the State:

Though the State confirmed that all the field laboratories are established, the Dir(P-III) desired that the senior officers like CGMs/SEs should visit at least 10% laboratories and give their reports.

Dir(P-III) presented the unsatisfactory works percentage as reported by the SQMs and the NQMs. Though the percentage of unsatisfactory works are on lower side, the Director (P-III) asked the State to bring it down further.

Dir(P-III) also pointed out that there is underutilisation of the SQMs according to works in progress. The State has a total of 52 active SQMs enlisted in OMMAS. However, as per OMMAS, only 15 SQMs have been allotted inspection assignments for the month of July, 2013 who had actually conducted a total of 59 inspections in the month as against the target of 259 inspections communicated by the State. For the month of August, 2013, SQM inspection scheduling has not been done and no SQM inspections have been uploaded in OMMAS.

10. Institutionalisation of second tier quality monitoring:

The JS(RC) advised the State to institutionalise the second tier quality monitoring in some districts of the State.

Based on its previous experiences of the consultants, the State showed its reluctance but on sample basis agreed to try it in at least 5 districts on pilot basis.

The JS(RC) asked the State to submit its plan for the same before next EC Meeting.

11. Accounting issues :

The Dir(F&A) brought out issues in the accounts of the State as per **Annexure-II**. The State agreed to address these issues and submit compliance before EC meeting.

12. Post construction 5-year maintenance component in the proposal:

Dir(Tech) informed that the post construction 5-year maintenance component in the proposal is 4.67% of the construction cost.

The State informed that it has calculated maintenance costs as per old SORs and as per operations manual.

Dir(Tech) agreed to send the sample Excel sheet for calculation of 5-year maintenance component of other States who have taken this component as 8% of construction cost to MPRRDA.

The State also agreed to revise the maintenance costs as per direction of NRRDA.

13. Pending issues with the Ministry:

- a) Providing BT over gravel roads already constructed under PMSGY
 - The State informed that it intends to request NRRDA/Ministry to permit the State to provide BT over the gravel roads under PMGSY which were constructed under PMGSY project long back.
 - JS(RC) & DG(NRRDA) referred to possible implications of such a decision for other States and pointed out that once such a specific proposal is received from the State of Madhya pradesh, the same would be examined in this light.
- b) Providing BT over gravel roads constructed under CMGSY
 - The State informed that it intends to request for provision of BT over the gravel roads which were earlier constructed under CMGSY.
 - JS(RC) asked Dir(Tech) to put up the matter on file (once specific proposal is received from the State) to Ministry with its comments and recommendations for taking the decision.

The meeting ended with thanks to the Chair.

DPR issues of the proposal discussed on 18th Sept, 2013 in Pre-EC meeting

1. As per PMGSY guidelines for Bridge works the rates are inclusive of 10% Overhead charges (OH) and 10% contractors profit (CP). The State should provide a copy of the rate analysis for the items of bridge works.
2. As per the joint inspection report of SE and STA/NQM submitted for the missing bridge proposals for some of the under mentioned bridges, it is appears from the photographs that the existing cross drainage works are in sound technical condition but still new bridges are proposed.
 - a) CN08 Road to Banamukasa road , span of bridge 90.0 m at km 1.80.
 - b) SH -47 to Lakhanwara road , span of bridge 132 m at km 9.8
 - c) Singodi to Babai road , span of bridge 75 m at km 5.68
 - d) Depalpur sanwer to Bibikhedi road , span of bridge 60.0m at km 1.60

The State is advised to intimate whether these structures are damaged or worn out structures with age of such structures and were not constructed under PMGSY.

3. As per circular NO 4/2011 issued vide letter P-17017/1/2010-RC dated 28 April 11 all proposals for roads were to be processed along with bridges. It is observed that a few proposals of bridges are on roads sanctioned after the date of issue of this circular. For example Bridge proposed on road Thandla Limdi to Udayganj in Jhabua District , Thandala Block, which was sanctioned on 24 Dec 12. Accordingly , these bridges cannot be considered under PMGSY.
4. Some habitations are not mapped in proposal module.
5. In some new connectivity proposals the mapped habitations is already connected as per CN1.
6. Certain proposals are not okayed by STA on OMMS.
7. Certain Road works are proposed for CC Pavement for the entire length . The Differential cost needs to be borne by the state.
8. Existing crust is not taken into account while designing the pavement .
9. Separate DPRs need to be prepared for LSBs having more than 15m span .
10. Proving Ring constant is not provided in some DPRs for calculating CBR values.
11. The provision of Slab culvert should be replaced by Hume pipe culvert as per L section attached .
12. In certain proposals the provision of retaining wall should be replaced by stone pitching.
13. The transit walk has not been attached in DPR.
14. In certain proposals, the provision of earth work is on higher.

15. In certain proposals, the provision of 75mm GSB and 75mm WBM should be replaced by 150mm GSB Material.
16. The provision of M10 below Hume pipe should be replaced by GSB Material.
17. No R&D proposals are taken in current proposal, which should be 15% of total length proposed.
18. No test results are conducted in STA laboratory i.e. third party.
19. The provision of structures like retaining walls, protection works, CDs etc can not be justified from L-section attached in DPR.
20. The design of CC Pavement is based on soil CBR 2%, which should be designed with 7% CBR of soil sub grade provided.
21. The alignment of new connectivity road should be as per geometric design standards of IRC.
22. The provision of cross drainage works are on higher side.
23. No Hydraulic design given for slope protection.

24. In some proposal Load testing item is taken whereas in other proposals it is not considered. It is opined that load testing should be done for all bridges as per IRC code.

25. Details of Geotechnical investigation not enclosed in DPR, only executive summary given.

26. Justification for providing 15 spans each of 12m size of RCC slab for superstructure need to be given. It would be better to provide longer span by providing T-Beam and reduce the obstruction in the linear water way.

27. No calculation of Afflux given, which is required for calculating reduced level of soffit and Formation level.

28. The calculation for mean scour depth needs to be done as per IRC-78 clause 703.2, where D_b is required to be calculated as per clause 703.2.1.
29. In some proposals the foundation depth in hard rock is not provisioned as per IRC 78.

30. The cost of protection works is higher as cement concrete blocks are provided for slope protection instead of Stones in wire crates may be used .

31. Approach road has been provisioned with CC pavement with Dry lean concrete sub base. The provision of sub base needs to be done as per IRC-SP-62.

32. Details of how the catchment area is calculated from the Topo sheet are not enclosed in DPR.

Finance and Account issues discussed in Pre-EC meeting held on 18th Sept, 2013

S. N.	Issues	Comments		
Programme Fund				
I. Weaknesses in the Financial Management				
1	Bank Balance shown in the UC do not tally with the Bank Balance shown in the Balance Sheet (State)	Particulars	Amount(Rs. in crore)	
		UC	1544.42	
		Balance Sheet	2072.21	
		Difference	527.79	
2	Expenditure related to missing link booked as other expenditure. Details of sanctioned estimates for expenditure not furnished to NRRDA.	Rs. 197,43,26,764		
3	Alteration of Audited figures of Works Expenditure	Rs. 9,06,42,309		
II. Interest Accrued upto 31.03.2013				
4	Programme Fund	Rs. 548.29 Crore		
5	Administrative Expenses Fund	Rs. 2.05 Crore		
III. Status of implementation of OMMAS (R&P module) in the State				
6	Month upto which entries made in OMMAS(R&P Module)	Programme Fund:- August, 2013 Administrative Fund:- March, 2013		
7	Month upto which entries not completed	Programme Fund:- March, 2013 Administrative Fund:- Not yet completed		
8	Unreconciled Bank Authorizations as on 31.03.2013	Programme Fund:- Rs. 0.00 Administrative Fund:- Rs.143.18 crore		
9	Unreconciled fund transfer to PIUs as on 31.03.2013	Programme Fund:- Rs. 0.00 Administrative Fund:- Rs. 49.50 crore		
<p>Programme Fund: Manual Balance Sheet for the year 2011-12 is not matching with the OMMAS generated Balance Sheet with minor differences. However there are nil unreconciled balances.</p> <p>Administrative Expenses Fund: Manual Balance Sheet for the year 2011-12 is not matching with the OMMAS generated Balance Sheet. Unreconciled Bank Authorizations Rs. 37.16 crore and Unreconciled Admin Fund transfer to PIUs Rs. 33.38 crore.</p>				
IV Pending Final Bills				
10	Pending Financial completion of Works.	No. of Works physically completed	No. of works Pending financial completion	Pending Percentage
		11558	989	9%