

P-17024/22/2017-RC (FMS-358228)

Government of India  
Ministry of Rural Development  
Department of Rural Development

Krishi Bhavan, New Delhi  
Dated the 31<sup>st</sup> August 2017

Meeting Notice

**Sub: Minutes of the meeting of Pre-Empowered Committee held on 30<sup>th</sup> August, 2017 to discuss the proposals in respect of Missing Bridges under PMGSY-I and first batch of proposals under PMGSY-II of Rajasthan.**

The undersigned is directed to enclose herewith a copy of the minutes of the meeting of Pre-Empowered Committee held on 30<sup>th</sup> August, 2017 under the Chairmanship of Joint Secretary (RC), Ministry of Rural Development to discuss the proposals in respect of Missing Bridges under PMGSY-I and first batch of proposals under PMGSY-II of Rajasthan.

2. It is requested that the compliance report on all the observations of the Committee may please be sent to the Ministry at the earliest for fixing an early date for Empowered Committee meeting.

  
(Priya Ranjan)  
Director (RC)

Tel No 011-23382860

**Distribution:**

- (i) Principal Secretary, Public Works Department, Government of Rajasthan, Jaipur Pin-302005 - 109801/17
- (ii) The Chief Engineer (PMGSY), Room No. 210, 2<sup>nd</sup> Floor, Block-2, 6 Nirman Bhawan, Opp Jaipur Club, Jacob Road, Jaipur-302006, Rajasthan. - 109801/17-1

Copy to: PS to MRD/PPS to SRD/PPS to AS&FA/PPS to JS(RC)/All Directors of NRRDA.

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**Minutes of the meeting of Pre-Empowered Committee held on 30<sup>th</sup> August, 2017 to discuss proposals of the State of Rajasthan under PMGSY-I & II.**

**State: Rajasthan**

A meeting of Pre-Empowered Committee was held on 30<sup>th</sup> August, 2017 at 3.30 PM under the chairmanship of Joint Secretary (RC) to discuss the proposals in respect of Missing Bridges (bridges proposed on roads sanctioned under PMGSY, prior to April, 2011), under PMGSY-I and first batch of proposals under PMGSY-II. List of participants is given below:

Shri Rajesh Bhushan	Joint Secretary (RC) – in Chair
Shri Priya Ranjan	Director (RC)
Shri I.K. Pateriya	Director(Tech), NRRDA
Shri Mahesh Hiremath	Director (P-I), NRRDA
State Government Representatives	
Shri Alok	Principal Secretary, PWD, Rajasthan
Shri C.L. Verma	Chief Engineer, RRRDA
Ms Rinku Jain	ITNO, RRRDA
Shri M.M. Singhal	SQC, RRRDA
Shri S.K. Verma	FA, PWD, Rajasthan

**2. Current Proposals under PMGSY-I (Batch-I, 2017-18):**

As per OMMAS as on 29.08.2017				
Item	Nos	Length (in km)	Cost (Rs in Cr)	Avg. Cost /m (in Lakhs)
Bridges	27	3,719.20 m	179.58	4.83 Lakhs/m

Mord Share: Rs 106.77 crore State Share: Rs 72.81 crore

The Pre-Empowered Committee advised the State to submit the status of PMGSY roads on which the bridges are required, especially the 8 bridges, which have not been proposed on sanctioned PMGSY roads. Further, the state was advised to submit a certificate that the proposed 27 bridges have been proposed on PMGSY roads which have been sanctioned prior to April, 2011.

**3. Current Proposals under PMGSY-II (Batch-I, 2017-18):**

Item	As per State's letter dated 21.08.2017				As per OMMAS as on 29.08.2017			
	Nos	Length in Kms	Cost (Rs. in Crores)	Avg. Cost/km (Lakhs)	Nos	Length in Kms	Cost (Rs. in Crores)	Avg. Cost/km (Lakhs)
Roads	-	3045.00	-	-	73	616.82	511.13	82.86
Total	-	3045.00	-	-	73 roads	616.82 Km roads	511.13*	82.86

Mord Share: Rs 735.20 crore

State Share: Rs 500.11 crore

The state officials informed that they had submitted 410 DPRs to the STAs for scrutiny and the STAs were in the process of scrutinizing and lacking the DPRs on OMMAS. At the time of consideration of the proposals of

the State by the Pre-EC there are only 102 DPRs measuring 868 kms uploaded on the OMMAS. The committee decided to consider the proposal of 102 roads which had been uploaded on OMMAS, in the first batch.

#### 4. Average Cost:

Sl.No.	District	No of Works	Road Length in Kms	Total Cost in Lakhs	Average cost/Km	Percentage of CC pavement
1	Baran	11	99.745	8750.71	87.73	14.09
2	Bhilwara	16	137.875	8115.86	58.86	13.29
3	Bundi	12	69.3	7580.59	109.39	23.27
4	Jhalawar	11	82.2	10476.58	127.45	18.33
5	Jodhpur	13	156.6	8316.00	53.10	6.67
6	Kota	10	71.1	7873.51	110.74	13.54
	<b>Total</b>	<b>73</b>	<b>616.82</b>	<b>51113.25</b>	<b>82.87</b>	<b>13.56</b>

The Committee observed that the average cost is on the higher side, especially in case of Bundi, Jhalawar and Kota district. The State representative informed the Committee that the enhanced cost is due to the proposed carriageway width of 5.50 m & 7 m in 43 roads. The Committee advised the State to reduce the carriageway width of 43 roads to 5.50 m carriageway width because PMGSY-II guidelines allows carriageway width upto 5.50 m only. However, the Committee asked the State to conduct a third party evaluation on traffic survey in respect of 5% of the such proposed roads, in order to accurately assess the traffic projection. The State agreed to conduct the third party survey on traffic projections. The Committee advised the State to append the survey report with the DPRs. The Committee also advised the State to propose paneled cement concrete or cell filled road in the DPRs where presently a provision of conventional cement concrete has been made.

#### 5. No. of Eligible Unconnected Habitations:

Item	1000+	500+	250+	100-249	Total
As on 1 <sup>st</sup> April, 2000 (as Reconciled by State)	1740	7630	7968	301	17639
As per OMMAS as on 29.08.2017	1683	6095	6827		14575
Sanctioned habitations as per NRRDA records	1520	6938	7771	301	16530*
Sanctioned habitations as per OMMAS as on 29.08.2017	1518	5603	5649		12770*
Balance unconnected habitations reconciled by the State	2	7	31	0	40
Balance unconnected habitations as per OMMAS	0	0	982	0	982
Balance unconnected habitations to be sanctioned	2	7	31	0	40
Reported as not feasible by the State at the time of reconciliation	2	7	0	-	7

The State representative informed that there are no balance habitations which are to be sanctioned, as 40 balance unconnected habitations have been connected under State Schemes. The Committee advised the State to reconcile the habitation data by 8<sup>th</sup> of September, by deputing a team of officials to NRRDA, to which the state representatives agreed.

6. **R&D Proposals:**

Technology	Roads/Stretches	Length (in Kms)
Waste-Plastics	29	129.06
CC Block		
Total		

The Committee observed that the State has not proposed any roads using fly ash, marble slurry and cement stabilized sub-base, panelled cement concrete, cell filled concrete and advised the State to propose more length under R&D.

7. **R&D Technology:**

1.	Technology with IRC Specification (Mainstreaming Technology) - 10%	0.08		
2.	Technology with IRC Accreditation - 5%	30.84		

The Committee observed that the State has not proposed 5% lengths under technology with IRC accreditation. The state officials were advised to explore the possibility of changing the proposed CC pavement with Paneled Cement Concrete and Cell filled Cement Concrete to fulfill the aforesaid 5% criteria.

8. **Physical completion of works:**

Year	Sanctioned			Completed		Pending	
	Total Value of Projects (Rs. In Crores)	Net No. of Roads	Length of Roads in Kms	Net No. of Roads	Total Length of Roads Completed in Kms	No of roads	Length (in Kms)
2000-2001	135.21	522	1859.12	517	1569.55	5	5.00
2002-2003	677.1	1505	5470.42	1504	5370.75	1	4.00
2003-2004	606.86	1187	4463.88	1185	4406.84	2	8.80
2005-2006	988.28	1565	5427.6	1557	5202.87	8	33.28
2006-2007	1802.53	3332	10539.7	3324	10197	8	43.28
2007-2008	2879.75	2374	14273.3	2369	13790.2	5	25.05
2011-2012	871.07	1068	3532.78	1037	3201.38	31	90.88
2012-2013	1022.11	1237	3522.74	1210	3276.98	27	89.28

2013-2014	1299.78	1428	4311.59	1357	4023.32	71	206.21
2016-2017	1611.92	1467	4292.69	1083	3361.81	384	887.31
<b>Total</b>	<b>11894.61</b>	<b>16908</b>	<b>66382</b>	<b>16366</b>	<b>62805</b>	<b>542</b>	<b>1393.08</b>

The Committee observed that there are 87 such roads which are pending completion for more than 4 years and advised the State to furnish status of these works, immediately. The State representative informed the Committee that actually there are only 26 roads, which are in different stages of completion and the remaining road works are being proposed for de-sanction. The Committee advised the State representative to submit the proposal of the roads in the requisite format for de-sanction and also upload the details OMMAS in the relevant module. The committee assured the state representatives that once the proposals, on examination are found as per the requirement of the ministry, a decision will be taken for de-sanction of the road works which are in non-feasible category.

#### 9. Maintenance status:

Financial Year (s)	Maintenance Funds Required (As per Contracts)	Actual Fund Release to SRRDA	Expenditure by SRRDA during the Financial Year	% Expenditure with maintenance funds Required
2012-13	35.85	35.85	40.61	100%
2013-14	25.62	25.62	21.28	83%
2014-15	25.88	25.88	19.21	74%
2015-16	46.70	23.35	20.13	43%
2016-17	55.40	23.35	26.37	48%
2017-18 (Till date)	55.08	-	2.41	4%
<b>Total:</b>	<b>244.53</b>	<b>134.05</b>	<b>130.01</b>	<b>53%</b>

The Committee observed that the percentage of expenditure on maintenance of roads during the current financial year is on lower side, which needs to be enhanced. The Committee also noticed that the expenditure percentage during the previous years is also not satisfactory. The state representatives assured the committee that appropriate steps would be taken to ensure timely maintenance of the roads.

#### 10. General issues:

- i. Black and white photographs have been provided in the DPRs which are of not much help (Jajiwal Brahmana road in Jodhpur dist).
- ii. No transect walk report and photograph attached with DPRs. Images of roads proposed have not been uploaded on OMMAS for all the proposals which needs to be quickly done.
- iii. Though the roads are proposed for upgradation work, the quantity of earthwork estimated, seem to be on higher side due to raising of embankments and doesnot appear to be justified. Earthwork quantity needs to be rationalized.
- iv. Cutting earth has not been deducted in the filling quantity (T04-NH-113 Dhamotar to Peelu Khera in Pratapgarh dist),
- v. L and X section on A4 size and not to scale. (Jajiwal Brahmana road in Jodhpur dist, Talwara Jalana road in Garhi block of Banswara dist, T04-NH-113 Dhamotar to Peelu Khera in Pratapgarh dist, Jajiwal Brahmana to Gujrawas via Borawas).

- vi. The design of pavement is missing from some of the DPRs and the existing crust of the road has not been accounted for in estimation of quantities (Basni-Sar-Dhundara upto district boarder).
- vii. Rigid pavement needs to be designed as per IRC: SP: 62-2014.
- viii. For the overlay thickness requirement of layers' clause 2.2.3 of SP: 72-2015 needs to be referred.

**11. DPR issues:**

- i. NRRDA has scrutinised 9 DPRs out of 56 DPRs which were scrutinised by STA on 25.08.2017. 4 DPRs selected by the State have been scrutinised and observations has been sent to the State.
- ii. Pavement is designed for the 2-3% CBR, but authenticated soil test results indicating sieve analysis, LL, PL, MDD, OMC and CBR are not attached in DPR.
- iii. The Average Provision for CC pavement is very high. Majority of it may be converted to Cell filled or Panelled CC pavement for economy in construction and proposing requisite length under new technology.
- iv. 7 m width carriageway has been proposed (Basni-Sar-Dhundara upto district boarder) and Baitu Bhopji to Ramsariya road) without indicating any additional State share.
- v. The existing old CD works which appear to be in good condition from the photographs have been proposed to be replaced with RCC slab culverts which does not appear to be fully justified.
- vi. The detailed drawings of cause way, CD works and box culverts are not attached with the DPRs. The width proposed for CD works is 7.50m which is not sufficient for 5.50 m carriageway width road (9 m formation width).
- vii. Provision of protection works and side drain are included in DPRs without location and photographs and cross section does not represent protection work requirement.
- viii. Pro rata cost beyond bridge length of 75 m should be borne by the State and additional State share should be uploaded on OMMAS (20 cases).
- ix. Joint Inspection report of STA/CE/SE for bridge site as per format prescribed by NRRDA has not been provided.

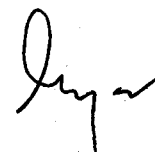
**12. Quality issues:**

12.1 While reviewing the quality mechanism in the State, the Committee noticed that under Ist tier of quality control mechanism, out of the required 3225 inspections on completed projects, only 1897 inspections have been conducted by the SQMs during the year 2016-17. The Committee advised the State to conduct required inspections on completed roads, on priority and submit a report of the same to the Ministry/NRRDA. The Committee also observed that the labs have not yet been established in case of 22 packages, where the SQM inspections have been conducted.

12.2 Under the 2<sup>nd</sup> tier quality control mechanism, there are 7 such works, where substantial payments have been made to the contractors but the inspections have not yet been conducted by SQMs. The Committee advised the State to conduct balance inspections on priority basis. The Committee advised the State to enhance the number of SQMs and conduct at least 740 inspections in every month for the balance part of the financial year.

12.3 Under the 3<sup>rd</sup> tier quality control mechanism, 13 ATRs of completed works of the period 2015-18 are still pending with the State. 71 ATRs of ongoing works of the same period are also pending with the State. The State was advised to liquidate the ATRs of more than 6 months' period.

12.4 It was also observed by the Committee that the works of 42 contractors have not been inspected, even once by NQMs. The SQC in the State was asked to ensure that such works are inspected by NQMs.



**13. Financial Management/Accounting Issues:**

SI No	Observations	Amount (Rs in crore)		
a	Outstanding Advances	Machinery Advance: Rs 0.62		
b	Implementation of OMMAS: Month for which entries have been completed on OMMAS (R&P module) Programme fund: July 2017 Administrative fund: July 2017			
c.	<ul style="list-style-type: none"> <li>• Pending Financial completion of Works status</li> <li>• Pendency Percentage: 7.72% (Out of total 16358 physically completed works)</li> </ul>	<b>Year</b>	<b>As on 11.07.2017</b>	<b>As on 28.8.2017</b>
		2001-02	2	0
		2002-03	3	0
		2005-06	4	2
		2006-07	36	32
		2007-08	21	21
		2008-09	6	5
		2009-10	8	8
		2011-12	28	28
		2012-13	195	188
		2013-14	214	194
		2016-17	440	786
	<b>Total</b>	<b>957</b>	<b>1264</b>	

The Committee observed that the entries on maintenance fund have not been made on OMMAS and advised the State to complete the activity by 8.9.2017. The Committee also noticed that 53 such works which are physically completed but have not yet been financial closed by the State. The State was advised to liquidate the pendency at the earliest.

14. After discussing the proposals in detail, subject to the compliance of the above observations, the Pre-Empowered Committee recommended 27 proposals of missing bridges under PMGSY-I and 102 road works under PMGSY-II in the State of Rajasthan.

**The meeting ended with Vote of Thanks to the Chair.**

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