

47

*Must be prepared 31*

OFFICE OF THE CHIEF ENGINEER, P.W.D., RAJASTHAN, JAIPUR.

No. EE/RID-II/PMGSY/STA/03/0-1925 Date 30<sup>th</sup> June 2003

The Addl. Chief Engineers (All)  
P.W.D., Rajasthan,  
Jaipur.

Sub: Preparation of estimates for PMGSY works:

Sir,

You must be aware that estimates for PMGSY works for connecting habitations upto 1000 & above were to be prepared by 31<sup>st</sup> of May, 2003 and for connecting villages between 800 to 999 by 15<sup>th</sup> of June, 2003. These estimates are still awaited. However, some of the districts have brought a few estimates. The major observations on these estimates are as given below. There are some observations which were made by MoRD are also included in these observations.

1. Proper topographical surveys, soil investigations and traffic assessment are very important for preparation of Detailed Project Reports but this aspect needs attention of the State authorities.
2. For designing the crust, the CBR values should not be assumed but adequate testing should be done.
3. The design of horizontal curves and vertical curves needs to be done with due care.
4. There is a need to encourage the use of local materials, industrial wastes and soil stabilization techniques and the STAs should play a pro-active role in this regard.
5. L-Section, X-Section and plan are basic requirement of the DPR.
6. Check list as per direction of NREDA needs to be furnished with the estimates.
7. Presently packaging of road works is not required.
8. CBR tests for each KM are required.
9. Drains to be provided where ever required in village portion.
10. Adequate width of CC/ stone pavement to be provided in village portion. To justify this Plane Table Survey of village portion is required. The length of CC/stone pavement should be length of village portion plus 50 m on either side.
11. Crust design ( as per SP 20 Rural Road Manual)
12. Annual traffic growth to be taken as 6% as per Rural Road Manual.
13. Estimates in STA format.
14. Maps should be for individual roads.
15. Grade line to be shown in L-section.
16. Design of HP culvert and Cause Ways as per SP20.
17. Traffic survey or traffic assessment to be enclosed. Flush causeway should be superimposed on existing cross section of Nallah.
18. Core network references need to be mentioned. Availability of I and width needs to be mentioned.

Due attention should be given to these points while submitting the estimate to this office for checking.

*Copy forwarded to Attn Sub A Anandharam  
KTRP/ East Jpr/ Section Amr for Compliance.*

Yours faithfully  
*[Signature]*  
Chief Engineer

*EE PWD DADR,  
North, Jaipur*

*20/6/03*