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OFFICE OF THE CHIEF ENGINEER, PWD, RAJASTHAN, JAIPUR.

No. SE(PMGSY)/OMMS/2004/D-142

Dated: 01/01/05

THE INCHARGE PIU
Superintending Engineer
Public Works Department
Circle : Rural, Jaipur / Jhalawar / Barmer / Udaipur.

Sub : Estimation of cost of routine maintenance activities during the contract period of 5 years for PMGSY works.

Sir,

NRRDA has fixed up some norms for routine maintenance activities during the contract period of 5 years for PMGSY works, a copy of which is enclosed for your ready reference.

It is requested to please workout year wise estimated cost of above work on per kilometer basis as per prevailing rates for each activity included therein and intimate the same to this office upto 20-01-2005.

Yours faithfully,

[Signature]

(R.L. MINA)

CHIEF ENGINEER, PWD

1. No. SE(PMGSY)/68/D-3595-72

2. Ck to RR 7.12/05

for an early reply

10-1-05 possibly

[Signature]

2493

2801/4-1-05
T.A. U
S.E. PWD-2
12-1-05

**Routine Maintenance activities during the Contract period of 5 years
(Refer para 14.5)**

Estimation of pot holes will be taken on the basis of annual rainfall as follows:-
 More than 1500 mm mean rainfall per year
 Between 900 mm to 1500 mm mean rainfall per year
 Less than 900 mm mean rainfall per year

	Rainfall		
	High	Medium	Low
I Year	1%	0.5%	
II Year	2%	1.0%	0.5%
III Year	3%	1.5%	1.0%
IV Year	4%	2.0%	1.5%
V Year	5%	2.5%	2.0%

I to II Year percentage of the BF surface area only to be taken.

III, IV and V Year percentage of the BF surface area and WBM top layer to be taken.

In addition to this Multiplying Factor of Traffic Intensity (TI) may also be considered in obtaining the quantity.

- Low - Multiplying Factor of 1 with TI upto 15 commercial vehicles per day.
- Medium - Multiplying Factor of 1.25 with TI between 15 to 45 commercial vehicles per day.
- High - Multiplying Factor of 1.5 with TI more than 45 commercial vehicles per day.

Dressing of Berms stripping excess soil from the shoulders surfaces to achieve the required level etc.

	Rainfall		
	High	Medium	Low
I Year	15%	10%	7.5%
II Year	18%	12%	9.0%
III Year	21%	14%	10.5%
IV Year	24%	16%	12.0%
V Year	27%	18%	13.5%

Percentage area of the Berms to be taken and multiplied by the Multiplying Factor considering the Traffic Intensity (TI) as given in the item of pot holes.