



Government of Union Territory of Jammu and Kashmir
OFFICE OF THE CHIEF ENGINEER PMGSY JKRRDA JAMMU
 4th Floor JKPCC Complex, Panama Chowk Jammu
 Phone No.: 0191-2470284, Fax No. : 0191-2479335
 E-mail.: cepmgsyjammu@gmail.com

TO WHOM IT MAY CONCERN

The Schemes detailed below of PMGSY Division Marwah were sanctioned by Ministry of Rural Development, Government of India as per sanction order mentioned against the schemes and the Government of India's sanction order is to be treated as accord of Administrative Approval. This also takes reference to Finance Department of Union Territory of J&K's S.O. 15 issued under No. A/PS/DC/2019-62 Dated 09.01.2020.

S. N o.	Name of Scheme	Package No.	Stage	Phase	Block	Distt.	Length (in Km)	Sanction Cost (in lacs)		MINISTRY OF RURAL DEVELOPMENT DEPARTMENT OF RURAL DEVELOPMENT SANCTIONED No. & DATED
								Const. Cost	Maint. Cost	
1.	L023 Nopachi to Dharana PMGSY-I (Batch-I 2016-17)	JK04-166	I	X	Marwah	Kishtwar	18.000	847.47	-	No.P-17024/10/2014-RC (FMS.No.338486) Dated:-05-08-2016
2.	Ikhal block Boundary Kishtwar to Lopara PMGSY-I (Batch-I 2016-17)	JK04-167	I	X	Marwah	Kishtwar	49.000	4294.25	-	No.P-17024/10/2014-RC (FMS.No.338486) Dated:-05-08-2016

No:- CEJ/PMGSY/ 22509
 Dated:- 03-02-2022

(Er. Rajan Mengi) 3/2/2022
 Chief Engineer
 PMGSY (JKRRDA)
 Jammu.

Copy to the:-

1. The Executive Engineer PMGSY Division Marwah for information.

PROFORMA-B

**PRADHAN MANTRI GRAM SADAK YOJANA(PMGSY)
PACKAGE SUMMARY**

Package No :- JK04-166

District :- Doda(Kishtwar)

State :- Jammu & Kashmir

S. No	Name of Block	Name of Road		Type of Proposal	Proposed Length (KM)	Cost of Pavement (lacs)	No of CD. Work	Cost of CD/Prot. work	Total Estimated Cost (lacs)	Av. Cost Per Km (lacs)
		From	To	N/U	Km	Lacs	No	Lacs	Const	
1	Marwah	Novapachi	Dehrana Up to Hanzal	N	18.00	268.94	57	492.29	761.23	42.29
				i) Add for survey trace cut And setting out/Preparation of DPR/Soil Testng/Road Safety Traffic Sign board. & PMGSY Logo and Sign Board.					21.61	1.20
				Total Estimated Cost					782.84	43.49

TOTAL ESTIMATED COST OF PROJECT = Rs. 782.84 lacs

2 Rs 847.47 Lacs ✓

N – New Conectivity (Y)

U – Upgradation (N)

Prepare By

:- Signature

Name : Er. V.K. Sharma

Designation : I/C. Asstt. Ex.Engineer.

PMGSY Sub Div. Inshan.

Checked By

:- Signature

Name : Er. G.M. Ahanger

Designation : Executive Engineer,
PWD(R&B) Spl. Sub Div. /PIU PMGSY
Marwah

Technical Scrutiny

Done By

:- Signature

Name : Er. Raman Puri

Designation : Superintending Engineer,
PMGSY Circle, Batote.Coordinator
STA

:- Signature :

Name :

Designation :

FAYAZ AHMAD MIR
Asstt. Professor, NIT Srinagar
Coordinator
State Technical Agency
for PMGSY

PRADHAN MANTRI GRAM SADAK YOJANA (PMGSY)

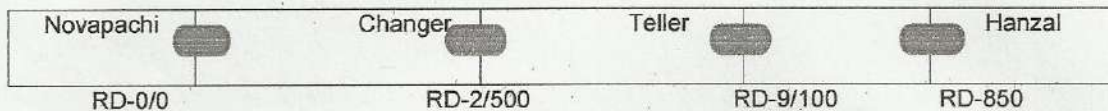
CHECK LIST FOR P.I.U. & S.T.A

(For Individual Road Works)

To be filled by PIU

1. Location :- State :- JAMMU & KASHMIR		District :- KISHTWAR		Block :- MARWAH	
2. Package No:- JK04-166					
3. Name of Road:- Novapachi To Dehrana Part-I Up To Hanzal (Stage-I)					
4. Length (Km)		Total = 18.00 km		In Built up area : 6.0 Km	
				In Open area : 12.0	
5. A. Estimated Cost:- =Rs.782.84 Lacs					
= Rs. 749.22 Lacs					
= Rs. 847.47 Lacs					
Average Cost:- Rs 43.49 Lacs/Km					
Item		Total Cost (in Lacs)		Cost per Km (in Lacs)	
Flexible Pavement		293.8268.94		16.3214.94	
CD & Protection work		532.04492.29 = 458.64		27.3525.48	
Others		21.61		1.20	
Total		= 749.22782.84 847.47		44.6243.49 47.08	
6. Type of Proposal:- Stage-I New connectivity					
* If the Proposed road is a New connectivity					
- Is the road a part of core network Yes					
- If Yes, Through/Link Route Number L 0 2 3					
- Name of the unconnected Target Habitation (to be cross checked with CN- Hanzal					
6) List of Habitations connected enroute Changer, Tiller					
- Population sub served by the proposed road. 3001 Souls					
- Does the proposed road lead up to the Habitation for which it is supposed to provide connectivity (In other words are you sure that the road is not being made partially?) Yes					
Does the proposed road connect the unconnected Habitation to Another Habitation having all-weather road. (Connected Status). Directly to an All weather road.					
If (b), indicate the nature of road to which the proposed road leads.					
(b) RR MDR SH NH RR.					
• If the proposal is for up gradation					
- Is the road a part of the core network Yes					
- Is it associated Through Route or not Yes					
- PCI value					
- Age of the road					
- Is it certified that there are no other Unconnected Habitations in the district. No					
7. a) Whether the Proposed Road has the desired carriageway width, roadway width and road land width (RLW). Yes					
a) Indicate the actual widths adopted for the proposed road.					
b)		In the Built Up Area (m)		In the Open Area (m)	
a) Carriageway		3.00		3.00	
b) Roadway		8.50/6.00		8.50/6.00	
c) Road Land Width		varies		10.00/12.0	

INDEX MAP



8. Base year traffic volume

Month & year traffic volume.

Motorized Traffic												Non-Motorized Traffic				
Days	Cars, Jeep Van, Three Wheelers	Motorized Three Wheelers	Light Commercial Vehicle	Trucks			Agriculture Tractor Trallors			Buses			Cycles	Cycle Ricksha	Animal drawn vehicle	
				L	U	OL	L	U	OL	L	U	OL				
Day 1																
Day 2			NEW CONNECTIVITY.													
Day 3																
Avg.	15	30	24	4	1	0	20	10	0	0	0	0	0	0	6	0

ADT in the year of traffic count = 52
 Growth rate adopted (%) = 6 %
 Design life = 10 Years
 No. of Harvesting seasons = 02
 No. of days in each Harvesting Season (t) = 75
 Value of (n) assumed = 01

Base year traffic AADT (T) = 68.71
 Cumulative ESAL = 59598
 Traffic Category = T-2

9. Sub grade CBR (For different sections) STAGE-I

Chainage																
CBR (%)																

10. Cost Details

A. General Cost.

Cost of preparation of DPR

Cost. Rs. in Lacs

Cost/Km

0.06 Lacs

11).B.Pavement Components

Description of the layer	Thickness	Quantity	Cost (Lacs.)	Cost/Km
1.Earth work in excavation/cutting.	-	177501.99	268.94 293.82	14.94 16.37
2. Earth work in filling/Embankment	-	-	-	-
3. Sub-gradePreparation if provided separately.	300mm	-	-	-
4. Shoulders if not considered in earthwork.	-	-	-	-
5.GSB	300 MM	-	-	-
6.Soil + Aggregate Mix	-	-	-	-
7.WBM-G 3	75 MM	-	-	-
8.BM	50 MM	-	-	-

12). C Bituminous Layers

Prime Coat	-	-	-	-
Tack Coat	-	-	-	-
OGPC (20mm thick)	-	-	-	-
Seal Coat	-	-	-	-

Berm filling	-	-	-	-
Carriages of Aggregates	-	-	-	-
12).D. Carriage of bituminous	-	-	293.82	16.32
	Total		268.94 lacs	14.94
13). E.CD Works	No. of Existing CD works Do they require any improvement If yes, cost of improvement No. of proposed CD works with Classification		nil no nil	
	i) 1.0 m dia H/P Culvert. = 32 no's ii) 2.0 m Span RCC. Cult. = 04 no's iii) 6.0 m long Pucca Scupper = 15 no's iv) 12.0 m Long Vented Causeway = 06 no's Total CD'S = 57 no's		= Rs. 60.48 lacs = 65.92 = Rs. 26.20 lacs = 27.92 = Rs. 65.10 lacs = 69.90 = Rs. 84.42 lacs = 90.60 = Rs. 236.20 lacs = 258.34 13.42 14.13	
14).F. Protection Works = R/wall, B/wall, parapets & edge walls/ (880 + 1800 + 0.00 + 1200) = 3880.00 RM			= Rs. 222.47 lacs = Rs. 277.70 12.36 15.43	
15).G. Pucca Side Drains (if provided) 2500 mts			= Rs. 33.62 lacs 4.86	
16).H Road Logo, Other Road furniture, Road safety & traffic sign boards				
1 PMGSY Logo Sign Boards & traffic sign boards :-			=Rs.21.55 lacs	
2 Load Testing				
3 Design Consultancy				
4 Preperation of DPR			=Rs0.06 lacs	
	Total:-		=Rs. 21.61 lacs	
16).I. Any Other Provisions. (please specify)			= Rs. 749.22 lacs 41.62 lacs/km	
	Cost of Project		= Rs. 782.84 lacs 43.49 47.08	
Name of the Road :- Novapachi To Dehrana up to Hanzal Stage-I				
17).J. Five Year Routine Maintenance				
Stage-I DPR	Year	Cost in lacs	% of const. cost	Cost/Km in Lacs
	i			
	ii			
	iii			
	iv			
	v.			
	Total			
18). Whether the road has Geometrics as per Rural Roads Manual (RRM)/ Latest circulars of NRRDA.				YES
19). Whether CD Works / Protection works are provided as per RRM/ Latest circulars of NRRDA/ Respective codes.				YES
20). Whether the Cost estimates are as per standard data analysis and S.S.R				YES

Certified that information provided is true

Prepared By Assistant Executive Engineer PMGSY Sub-Division Inshan	Checked by Executive Engineer PWD(R&B) Spl.Sub Div./PIU PMGSY Marwah	Scrutinized by Superintending Engineer PMGSY Circle Batote.
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FAYAZ AHMAD MIR
Asstt. Professor, NIT Srinagar
Co-ordinator
State Technical Agency
PMGSY

TO BE FILLED BY S.T.A**Name of the STA**

15.	Is the proposed road entered on the OMMS	Yes / No
16.	If the proposal is for new connectivity	
	Have you satisfied yourself that the proposed road is a part of the Core Network	Yes / No
	Is the unconnected habitation(s) part of list of unconnected habitation as per CN-6	Yes / No
	Does the proposal ensure full connectivity of the target habitation <ul style="list-style-type: none"> • If No, the name of unconnected Habitation upto which it is connected. • If such Unconnected Habitation eligible under PMGSY 	Yes / No
17.	Are you satisfied with the following	
	Engineering Survey (L-section, X-section must be verified)	Yes / No
	Soil / Material Investigation (CBR, Density, LL, P1, Gradation to be verified)	Yes / No
	Traffic Surveys / Estimation	Yes / No
	Hydraulic Studies (Catchment for structures with more than 2 Vents to be verified from tope sheet Location and requirement of all CD structures to be verified from L section)	Yes / No
18.	In case, traffic is projected beyond T4 category, are you satisfied with the reason given by PIU	Yes / No
19.	In case, sub grade CBR is less than 3, has soil stabilization etc. been proposed (if not, specific reason given by PIU)	Yes / No
20.	Is the design of the following elements as per Roads Manual/Circulars of NRRDA Alignment & Geometric Pavement Design CD Works and protection Measures Side Drains Integration for cross and longitudinal drainage	Yes / No Yes / No Yes / No Yes / No Yes / No
21.	Is the design of Flexible Pavement as per IRC SP 72-2007 and design of Rigid Pavement as per IRC SP 62-2004	N-A-

22.	Does the estimation confirm to standard rate analysis and SSR generated for the current phase.	Yes / No
23.	Does the proposal have provision for PMGSY Logo Sign Boards Km / Hm stones Guard Stones (where necessary) Traffic Sign Board (as necessary)	Yes / No Yes / No Yes / No Yes / No
24.	SPECIFIC REMARKS, IF ANY BY STA	

Certified that the Design and Estimation for the proposed road work are based on the data and SSR provided by PIU Engineers. The proposal after final correction is entered on the OMMS. The proposal may be considered for clearance.

Coordinator
S.T.A.

Technical Scrutiny
Done by

Signature :- *[Signature]*
Name :- *P. S. Min*
Designation :- *Professor*

Signature :- *[Signature]*
Name :- **FAYAZ AHMAD MIR**
Designation :- **Asstt. Professor, NIT Srinagar**
Co-ordinator
State Technical Agency
for PMGSY

18.3 Abstract of Cost

Unit rates will be derived by using the "Schedule of Rates for Road Works, Culvert works and Carriage etc. Rev.SOR 10-2012 Doda JK. The abstract of Cost estimate is given in the Table below.

ABSTRACT OF COST NOVAPAVH TO DEHRANA PART-I UP TO ANZAL L=18.00 KM
Package No:-JK04- 166

Package No:-JK04- 166						
S.No	Items	Quantity	Unit	Rate (Rs)	Amount (in Lacs)	Cost/Km (in Lacs)
1	Earth Work	177501.99	Cum	--	293.82	14.94
2	Sub-Grade	--	--	--	--	--
3	GSB	--	--	--	--	--
4	WBM Grade-III	--	--	--	--	--
5	BM	--	--	--	--	--
6	Primer Coat	--	--	--	--	--
7	Tack Coat	--	--	--	--	--
8	20mm thick premix	--	--	--	--	--
9	Seal coat	--	--	--	--	--
10	Berm Fillings	--	--	--	--	--
11	Carriages a) Aggregates	--	--	--	--	--
	b)Bitumenous	--	--	--	--	--
				Cost of Pavement	293.82	14.94
12	Protection Work	280.00	Rmt.	15958.00	44.67	55.31
	I) R/ Wall 4.0 m Av. Ht.	600.00	Rmt.	10599.00	63.59	79.58
	II) R/ Wall 3.0 m Av. Ht.	1200.00	Rmt.	12308.00	15.70	23.00
	III) 1.0 m edge wall	1800.00	Rmt.	55473.00	98.51	119.81
	IV) Breast Wall 2.0 mAv.Ht.	2500.00	Rmt.	11845.00	30.62	36.70
	V) Pucca Drain	--	Rmt	--	--	--
13	Parapet	--	Nos.	--	--	--
14	Disposal channel for CD works			Cost of Protection Work	256.09	14.23
15					277.70	15.43
16	Aforestation	--	Km	--	--	--
17	CD Work:-	32	No.s	2004.89	60.48	65.92
	1.0M dia H/P Cult	04	No.s	6786.55	26.20	27.92
	2.0M SpanRCC Cult.	15	No.s	4664.34	65.10	69.90
	6.0m Pucca Scupper	06	No,s	140715.10	84.42	90.60
	12.0M Long Vented Causeway			Cost of CD-Work	236.20	43.12
					254.34	14.13
17	Road safety and Traffic Sign Board	18.00	Km	0.94	17.05	
	i) PMGSY Logo/Informatory board.	18.00	Km	0.25	4.50	
	ii) Survey & Preperation of DPR/ Inaugurations Stones etc.	--	--	--	0.06	
	iii) Preparation of DPR			TOTAL	21.61	1.20
TOTAL ESTIMATED COST OF PROJECT					2847.47	43.49
TOTAL ESTIMATED COST OF PROJECT=Rs 282.84 Lacs @ Rs 13.49 Lacs/Km						
TOTAL ESTIMATED COST OF PROJECT=Rs 847.47 Lacs @ Rs. 47.08 Lacs/Km						

Assistant Executive Engineer
PMGSY Sub Division,
Inshan

Executive Engineer
PWD(R&B) Spl. Sub Div./PIU PMGSY
Marwah