GO	VERNN	MENT O	F JAI	MMU A	ND KASHMI
	<u></u>				- the
				RAM SADAK	10 BA
				CT REPORT F	
				OF ROAD FROM	
		LIMBER BUD	RALI (STA	GE II) PHA	SE VIII
	Package	District	Block	Length	Total Cost of
	No.				the Project
					(Lacs)
	JK-0340	BARAMULLA	BONIYAR	7.00 KMs	448.89
		PMGSY (JKRRDA)	DIVISION	URI
		and the second	12- T		• • • • •

Pradhan Mantri Gram Sadak Yojana (PMGSY) PACKAGE SUMMARY

Proforma - B

ct: Baramulla								Package no: JK	-0340	
Name of Block	ock Name of Road		Type of Proposal	Proposed Length	Cost of Pavement	No. of C.D works	Cost of C.D works	Misc. Cost	. Total Estimated cost	Average cost per KM
	From	То	N/U	Km	(in Lacs) Nos (in Lacs) (in Lacs)		(in Lacs)	(in Lacs)		
Block: BONIYAR	LIMBER	BUDRALI	N	7.00	421.80	21.00	2.42	3.29	427.52	61.07
	Block Block:	Name of Block From Block: LIMBER	Name of Block Name of Road To Block:	Name of Block Name of Road Type of Proposal From To N/U Block: LIMBER BLITTRALL N	Name of Block Name of Road Type of Proposal Proposed Length From To N/U Km Block: LIMBER BUTREALL N 7.00	Name of Block Name of Road Type of Proposal Proposed Length Cost of Pavement From To N/U Km (in Lacs) Block: LIMBER BLIMERIAL N 7.00 421.80	Name of Block Name of Road Type of Proposal Proposed Length Cost of Pavement No. of C.D works From To N/U Km (in Lacs) Nos Block: LIMBER BUDRALL N 7.00 421.80 21.00	Name of Block Name of Road Type of Proposal Proposed Length Cost of Pavement No. of C.D works Cost of C.D works From To N/U Km (in Lacs) Nos (in Lacs) Block: LIMBER BUITRALL N 7.00 421.80 21.00 2.42	Name of Block Name of Road Type of Proposal Proposed Length Cost of Pavement No. of C.D works Cost of C.D works Misc. Cost From To N/U Km (in Lacs) Nos (in Lacs) (in Lacs) Block: LIMBER BUCRED No 7.00 421.80 21.00 2.42 3.29	Name of Block Name of Road Type of Proposal Proposed Length Cost of Pavement No. of C.D works Cost of C.D works Misc. Cost Total Estimated cost Block: From To N/U Km (in Lacs) Nos (in Lacs)

Total Estimated Cost of Package AS PER SOR-2008= Routine Maintenance for 5 Years= Grand Total=

Signature:

Name:

427.52 Lacs Rs: Rs: Rs:

21.38 Lacs 448.89 Lacs

Technical Scrutiny done by: Signature: Name: Designation: N

Coodinator STA: Signature: Name:

Designation:

FA

Pri Assti

59.21.

12: 1 3



State: Jammu & Kashmir

Checked by:

Scrutnized by:

Designation: Signature: Sugineer Name: Division Uri Designation: Exec PMGS Signature: Name: Designation:

Pradhan Mantri Gram Sadak Yojana (PMGSY) PACKAGE SUMMARY

Proforma - B

	Jammu & Kashi ct: Baramulla							1	Package no: JK	-0340 Total		
S.N	Name of Block	Block Name of Road	Name of Road		Type of Proposal	Proposed Length	Cost of Pavement	No. of C.D works	Cost of C.D works	Misc. Cost	- strended	Average cost per KN
-				NUL	1/m	(in Lacs)	Nos	(in Lacs)	(in Lacs)	(in Lacs)	(in Lacs)	
		From	То	N/U	Km	(In Lacs)	1105	(11			
1	Block: BONIYAR	LIMBER	BUDRALI	N	7.00	421.80	21.00	2.42	3.29	427.52	61.07	
						1	-	1				

Total Estimated Cost of Package AS PER SOR-2008= Routine Maintenance for 5 Years= Grand Total=

427.52 Lacs Rs: 21.38 Lacs Rs: Rs:

448.89 Lacs

Technical Scrutiny done by: Signature: Name:

Designation: M 11

Coodinator STA: Signature: Name: Designation:



N= New Connectivety Upgradation U=

Prepared by:

Checked by:

Scrutnized by:

Signature: Name:

Exer

PMG

Engineer

Division Uri

Designation:

Designation

Signature:

Designation:

Name:

Signature: Name:

ð	م مرفال فرف	to the first		-1	55	50	S.T.	T

	PRAD	IAN MANTRI GRAM S			Proforma			
1. All and the second	TRAD	CHECK LIST FOR	P.I.U & S.T.A	VA (PMGSY)				
		(For Individual r	oad works)					
L. Location:- State: Jamr		To be filled	by PIU					
state:- Jamr	mu & Kashmir	District: Baramulla		Block:	BONIYAR			
. Package No.	IK-0340							
,								
Name of the Road:-	From: LIMBER			To: BUDRALI				
. Total length (Km):-	7.00 KM	In Built Up Area:-	2.8 KM	In Open Area	a: 4.2 KM			
5. Estimated Cost Rs:	427.52	Average Cost: 6	1.07					
	1	Item	1.07	Total Cost in Lacs				
	l l	Flexible Pavem	ent	424,23	Cost per Km. Lacs			
		Rigid Paveme		424.23	60.60			
	· ·	Others		3.29				
		Total		427.52	0.47			
Type of Proposal:-		New Connectivity		427.52	61.07			
If the proposed road is a New	w Connectivity			£1				
s the road a part of Core Net	twork							
Yes Through Route/ Link Ro	ute No.	T-						
Name of the unconnected Ta	arget Habitation	(s)		or L-				
be crosschecked with CN-6	5)	(3)						
Does Proposed Road Lead up ovide connectivity (In other rtially?)	words are you si	are that the road is not bein	ng made		Yes			
Does the proposed road con	nect the unconn	ected						
bitation to:	-			(A)				
Another habitation having	All- Weather Ro	ad.						
) Directly to an All Weather	Road.	<i>1</i>						
B) indicate the nature of Ro	ad to which the	proposed road						
as.								
the proposal is for upgrada	ation							
s the road a part of the core	network							
it associated Through Rout	te or Not							
CI value								
ge of the Road								
it certified that there are n	o other un conne	cted Eligible						
pitations in the District.								
a) Whether the Propose	d Road has the c	lesired						
riage way width, Roadway v	width and Road I	and						
th (RLW)								
	144							
b) Indicates the actual w	naths of the follo	owing for	In the	Built Up Area (m)				
the proposed road								
	a) Carriage	way			In the Open Area (m)			
	b) Roadwa			3.75	3.75			
	c) Road Lar	·		5.50	5.50			
	C/ NOad La			6.50	650			

Attached - ___ Name of Road: 2 **Cross Section details** a) Cross Section of The Existing Road showing different component layers. Attachea a) Cross Section of The Proposed Road showing different component layers. (Should be as per Actual Provisions of DPR) A VERY SALES

H-	Davis	Care In		1		Moto	rised	Traffic						Nor	Motor	lead tr	affle
	Days	Cars, Jeep, Vans, Three Wheelers	Motorise d two Wheeler	Light Commerci al		Trucks	*	Agric	ultural Tr Trailers	actors		Buse	5	Cycles	Cycle Ricksha	Anima	affic I Drawn chicle
			5	Vechicle	L	U	OL	L	U	OL	L	U	OL		wa	swc	Num.T
	Day 1	10	5	20	15	18		13	18		5	2					
	Day 2	8	4	15	11	15		15	13		5	2					
	Day 3	9	6	16	16	15		14	14		8	2					
	verage	9	5	17	14	16		14	15		6	2					
Gr De Nu Va	owth rates ign life umber of alue of (n	harvesting assumed=	(%)= ; Season =	5=			irs		Base Yea Cumulat Traffic C	ive ES/	AL=	DT (T)=	228233	.84 RAL	118		
	hainage	(for Differe KM 1											NO	NAL			
	CBR %	10.5	_	<u>^</u>	M 2NC 8.9%)		KM 3			KM 4	_		KM STH		KM 6 8	
	Details			1. 1. J. J.				7.07	0		7.5%			8.5%			8.
Ge	eneral Co	osts reparation	of DPR			-		L					Cost Rs	5.	Cos	t / Km	(Rs)
Pa	vement	Componen	its			ы. 							0.70			0.10	
		Descript		ayer			Thi	ckness	in mm	Q	ty.		Cost Rs	5.	Cost	/ Km	(Rs)
		cavation/ C			10			1.1	19 C								
		ling (Embar						1	1 12 - 1 - 1								
		vided seper				I		300.0	00	105	15.00		1.1	9.79			1.40
lde	rs (If not	considered	in the l	Earthwork	()			325.0	00		22.50			15.92		_	1.40
nul	ar Sub B	ase						150.0			27.69			78.83			2.27
Ag	gregate	Mix							1	<u> </u>				10.83			11.26
1 Gr	r - 11		1.						÷								
1 Gr	r - III							75.00	00	20	66.34			46.25			
mi	nous La	ayers									20.04			46.35			6.62
e Co	oat									275	51.25		,	10.00			
Coa	at	5	1								51.25		-	18.66			2.67
der	nce										51.25			8.02		-	1.15
Coa	t	•									51.25	-		40.43			5.78
1/8	вы		. ¹					50.0	0		377.56			25.45			3.64
ice	Dressing													103.03			14.72
		rete Road ly Concrete	(M30)	1	1	C											
	orks		arke			Y.			1								
D	o they re	ating CD Wo equire any i improveme	mprove		ecify tl	he		. 2									
If	yes, the	ir number a	nd cost	of improv	<u>emen</u>	t											
		Chainage (ogether)	Similar 1	Type of CC	D's may	y be	Type Nos.		& their	Total Bridg	Lengt e / Cu	h of lvert	Cost in	Rs.			
	RDS	910,1835,24	404,282	0,4120,49	11,524	19,	*в.	uried co	onduits					2.42			
τ.	otal Card			e elec				T v								1	
	utal Cost	of Propose	ed CD w	orks										2.4	1		

	tection Works					'	
G. Pur	ra Side Draine 70	0 Rmts and 6300 Rmts	Stone Dral-				
	d Logo, other Roa		Stone Drain			75.31	10.7
						2.59	0.3
I. Any	other Provisions (Please Specify)			-		
17		Total	Cost of the Proje	ect (Re)		427.52	
		i o tal	-sor of the Proje		,	427.52	
	of Dec 1			·			
	of Road:	LIMBER BU	JDRALI		1		
J. Five	Year Routine Mai	ntenance	the state of the s				
		Year	Cos	t in Lacs	% Cost	Cost / Kn	n
			States 1				
			1				
					R.		
		Total Mainten		21.38	0.050	0.000	
11. Wi Manni	hether the road ha	as Goemetrics as per Ri irculars of NRRDA.	ural Roads		Yes		
	der tatat / catest e	inculars of NRRDA.					
12. WI	hether C.D. Works	/ Protection works are	e provided as per	RRM /	Ye	s	
Latest	Circulars of NRRD	A/ Respective Codes.					
13. WI	hether the Cost es	timate are as per stand	dard data analysi	s and S. O. R	Y	es	
			A.			1 k	
14. so	ueces and the Lea	d distances of Materia	Is are as under:	•••• 1 - 1 - 1			
	Material	Source	Lead	Material	Source	Lead Dis	tance
			Distance				
	Earth			Cement	Baramulla	30	
	Murrum	i des	5 6 C S	NP3 pipes	Khrew,Srinagar	80	
11							
10	Aggregate	Veerwan	20			-	
μ¢ 	Aggregate		20				
10	Aggregate Sand	Veerwan Juhama	20 30				
Certifi	Sand	Juhama	30				
Certifi	Sand		30				
Certifi	Sand	Juhama	30		the state of the s		
Certifi	Sand	Juhama	30			MI I	
Certifi	Sand	Juhama	30		the state of the s	Hul	
Certifi	Sand	Juhama nation provided is true	30		the state of the s	Haf	
Certifi	Sand	Juhama nation provided is true	30		the state of the s	Huf T	
Certifi	Sand	Juhama nation provided is true	30		the state of the s	Ath f	
Prepar	Sand	Juhama nation provided is true	30	By	X	Hhu J maile rutinized By	ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30	Ву	X	Hoh J months rutinized By	ndinear A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndinear A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndinear A) Circle
ť	Sand	Juhama nation provided is true	30		Sci.		ndinear A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci		ndinear A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndinear A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndit.cat A) Circle
Prepar	Sand	Juhama nation provided is true	30		Sci.		ndinear A) Circle

/

1		Posforma C
lame	of STA: To be filled by State Technical Agency	
	of Road;	
	Is the Proposed road entered on the OMMS:	
	(Data entries to be verified to entered on the OMMS:	U
16	(Data entries to be verified by STA before clicking the Proposal) If the Proposal is for new connectivity	Yes / No
	a possi is for new connectivity	
	Have you satisfied yourself that the proposed road is a part of Core Network	
		Yes / No
		Yes / No
	of the value of unconnected Habitation up to which it	
17		Yes / No
17	are you satisfied with the following	Yes / No
	Engineering Surveys (L section, X section must be verified)	
	and the sugation (CBR, Density II, D) Condition	Yes / No
		Yes / No
	Hydraulic Studies	Yes / No
	(Catchment for structures for more than 7 waste to be a structure of the s	Yes / No
18	(Catchment for structures for more than 2 vents to be verified from topo sheet. Location and	1637140
19	In case, Traffic is projected beyond T4 category are you satisfied with the reason given by PIU In case, sub grade CBR is less than 3; has soil stabilisation etc. been proposed	Yos / No
	(If not, specific Reasons gives by put)	Yes / No
20	Is the design of the following elements as per Rural Roads Manual/ Circulars of NRRDA: Alignment & Geometrics	Yes / No
	Alignment & Geometrics	
	Location and type of CD works and	
	Side drains	Yes / No
	Integration for Cross and Longitudinal	Yes / No
	Protection works	Yes / No
21	Is the design of flowing	Yes / No
22	Is the design of flexible Pavement as per IRC SP: 72-2007 and design of Rigid Pavement as per IRC SP. Does the estimation conform to Standbard Rate Apabelic and FED	Yes / No
23	Does the estimation conform to Standard Rate Analysis and SSR generated for the current Phase Does the proposal have provisions for	
		Yes / No
	PMGSY Logo Sign Boards and Information Boards	
	KM/ Hm Stones	
	Guard stones (where necessary)	Yes / No
	Traffic Sign Boards (as necessary)	Yes / No
24	Specific Remarks, if any, by STA	Yes / No
	(Specific remarks of STA about the overall project are necessary on each DPB)	
8 J	OPR is fore Stage - IL of the Gad. The parement is as per SP Whill Side stone but ched dream I	N-Connectivity 72 and provision
chnic	cal Scrutiny at STA done by: Signature Name Name Signature Name	led by PIU Engineers. The Proposal after
	MJMu	SSET Professor, NIT Srings Co-ordinator
	A	sstt Projessor dinator

and a

State Technical Ar

Assistant Executive Engineer	Chre	such			z	-		Type of Work	BONIYAR			Name of the Riock	
	NSSU PARA	K.	2 Bi		1	2		No. of Roads	2		Habitations	Total No 1	
	The Former of Work: The Store To Manual Cost of Project: Store To Manual		18	97.510	7.00	3	æ.	Total Length of Road (Km)	0		>1000		Pradh
Pril High	ধিTotal Cost of Work: প্রেশ্বর্দ্ধির্টে Cost: Protal Cost of Project: 5 yr. Maintanence Cost: Grand Total				(A ²¹	4		No. of new CD Structures				SL	an Mantri G
- Ar	e Cost:			a alte a	346.49	л	Pavement From F- 5		_	201.017	Snn_999 250-500	Summary Sheet	Gram Sadak
	Rs Rs Rs				2.42	6	CD Str. From F- 6	Estimated Cost	0	1510	1.750	Ť	Pradhan Mantri Gram Sadak Yojana (PMGSY)
	424.23 Lacs <u>3.29 Lacs</u> 427.52 Lacs 21.38 Lacs 448.89 Lacs				348.92	7	Total 5+6				Q		IGSY)
Executive Engineer SciPMGSY, pivision URI	4.23 Lacs 3.29 Lacs 7.52 Lacs 11.38 Lacs 8.89 Lacs				ω	∞	Total Villages	No. of new vill			Package No. JK-0340		
			•	1.	2	6	SC/ST Villages	No. of new villages connected			40		

			9		
Assistan	L	-			
Assistant Executive Engineer	LIMBER BUDRALI	2			1
ngineer	7.00	ω			length (Km)
	BUDRALI	4	بر		Connecting
		5			accessed (Use A/B/C/D)
	31	6		Total	
	59	۲.	Tractors	Total	
Add	6.50	8	(m)	Land	
I A LE	5.50	9	(m)	Road	
1.000 E.		10	Height (m)	Embar	
		11	Width (m)	Embankment	
		12	Height (m) Width (m) Height (m) Thickness (mm)	WBM Layers	
TE E E E E E E E E E E E E E E E E E E		13	Thickness (mm)	Layers	
A Divisi		14	Туре		
AGSYTDivision-UBL		15	Width (m)		
Name -	•	16	Width (m) Thickness (mm)		
			k.		

Pradhan Mantri Gram Sadak Yojana (PMGSY) Details of Existing Roads Block: BONIYAR

S.No. Name of Road

Road

Road

Facilities accessed

Traffic/ day

Existing Road Details

Bituminus Layers

District:

Baramulla

Pradhan I
Mantri Gram
Gram S
1 Sadak Y
ojana
(PMGSY)

Road Proposed in PMGSY for Rural connectivity (Pavement Layers) Block: BONIYAR

District: Baramulla Package No: JK-0340

T	1							1	S.No. N
LIMBER	2			From			connected by load	connected by	Name of place/ tourist place
BUDRALI	3			To			Y I U d U	- mod	ourist place
z	4			z		(Use N/U)	obgradation	Incored	New Co
	S	-		c	,			tion	onst./ F
	6			~	A/B/C/D	d (Use	accesse liength		New Const./ Facilities Road
7.00	7					(Km)	-	_	_
FW	8		ł			Type	Sunace		Existing
	9			Details					
103.03	10	Macada	thick	Details 50 mm					
	11		Work	Earth					De
15.92	12	325 mm Preparat	Work Shoulder Grade	Earth Earthen					tails of
9.79	13	Preparat	Grade	Sub					Thickne
78.83	14		mm	GSB 150					ess & C
46.35	15		mm 75 mm	GSB 150 WBM -III Prime					Details of Thickness & Cost for Pavement Paver
18.66	16		coat	Prime					aveme
8.02	17		Coat	Tack					nt Pave
40.43	18	dence	semi	25mm R/B Wall					ň
	19			R/B Wall				`	
25.45	20	Coat	Seal	PMC			_		
346.49	17	20)	ot UL)	Sum of		1	Paveme	COST OF	IOLAI



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Pradhan Mantri Gram Sadak Yojana (PMGSY)

Block: BONIYAR Road Proposed in PMGSY for Rural Connectivity (X- Drainage Structures)

Package No: JK-0340

Block

S.No. LIMBER BUDRALI Name of Road Ν Upgradatio n (Use N/U) Const./ New z ω Road length (Km) 7.00 4 25 S No. Dia. mm No. H.P Culvert Slab Culvert M. Bridge 1000 σ ω **Existing CD Structures by Type** ť. თ œ З No. 9 10 -З No. H Causeway Vented 12 з No. 13 Scupper 14 ۲ З No. 15 Crossing Pipe Dia. 16 mm Detai 17 **H.P Culvert** 18 No. Dia. 19 I No. 20 Culvert Slab **Details of Proposed CD Structures by Type** 21 -З M. Bridge Causeway Scupper No. 22 R -Э No. 24 25 з 26 27 No. з TOTAL 21.00 Pipe Crossing No. 28 mm 29 500 Proposed CD Str. (cost in Lacs) Total Cost of 2.42 В 2.42 4

and the state of Execut he fueline at user Division Ur Uri Ż

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Assistant Etecutive Engineer





DETERMINATION OF ESAL APPLICATION

<u>H C V</u> Laden =62 Un-laden =52

<u>MCV</u> Laden=31 Un-laden=28

V.D.F. for HCV Laden =0.31 Un-laden =0.3

V.D.F. for MCV Laden =0.38 Un-laden =0.03

ë,

No. of Commercial Vehicle To=(62x0.31+52x0.3)+(31x0.38+28x0.03)=47.44

Lane Distribution Factor, L=1

Age of road

10Years

Growth rate

6%

ESAL

To x 4811x1 47.44x4811x1=228233.84

Pavement Thickness Design :

Total Cumulative ESAL Applications=228233.84 (2,00,000-3,00,000) CBR as per soil inspection=(7.5-10.5) Total pavement thickness required as per IRC SP72=300mm

Total pavement thickness required

= (300) mm