

GOVERNMENT OF JAMMU AND KASHMIR

PRADHAN MANTRI GRAM SADAK YOJANA

DETAILED PROJECT REPORT

CONSTRUCTION OF RURAL ROADS

PROPOSED UNDER PRADHANMANTRI GRAM SADAK YOJANA (P.M.G.S.Y)

BHARAT NIRMAN

PHASE-VII.

DISTRICT DODA

Name of the road	: Construction of road from Khellani Dranga Road To Saras.
Estimated Cost	: 749.15 Lacs 705.97
Length of road	: 11.825 Kms
Package No.	: JK 04- 114
Block	: Assar.

CHIEF ENGINEER
PMGSY (JKRRDA), J&K
Jammu

1. Location State: **JK** District: **Deok** Block: **Alak** Panchayat: **Asra**

2. Package No: **JK04-114**

3. Name of the Road: From **Khaldevi Durg Road** to **Sra**

4. Total Length (km) : **11.825** in Built up area - **2.50** Km In Open Area - **9.325** Km

5. Estimated Cost Rs : **205-94,75,71**

Item	Average Cost :	
	Total Cost In Rs.	Cost per Km. Lakhs
Flexible Pavement		
Rigid Pavement		
Others		
Total	205-94,75,71	59.69

6. Type of proposal:

- If the proposed road is a New connectivity

- Is the road a part of core network

If Yes Through Route/ Link Route No.

- Name of the unconnected Target Habitation (s) (to be crosschecked with CH-6)

- Population sub served by the proposed road

- 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?)

- Does the proposed Road connect the unconnected Habitation to

a) Another habitation having All- weather road.

b) Directly to an All weather road.

If (a) indicate the nature of road to which the proposed road leads:

<input checked="" type="checkbox"/> R/R	<input type="checkbox"/> MDR	<input type="checkbox"/> SH	<input type="checkbox"/> NH
---	------------------------------	-----------------------------	-----------------------------

(A) (B)

- If the proposal is for up gradation

- Is the road a part of the core network

- Is it associated Through Route or Not

- PCI value:

- Age of the road

- Is it certified that there are no other unconnected Eligible Habitations in the district.

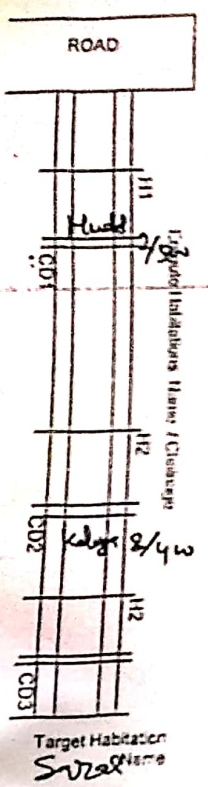
YES/NO

7. a) Whether the Proposed Road has the desired carriage way width, Roadway width and Road Land Width (RLW)

b) Indicates the actual widths of the following for the proposed road

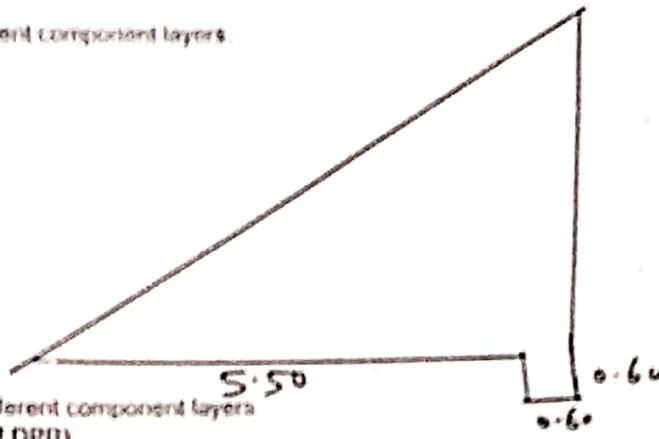
	In the Built Up Area (m)	In the Open Area (m)
a) Carriageway	3.0	3.0
b) Roadway	5.50	5.50
c) Road Land Width	12.00	12.00

INDEX MAP (not to scale) : Attached



Name of Road :
 Cross Section details

1) Cross Section of The Existing road showing different component layers



2) Cross Section of The Proposed road showing different component layers
 (Should be as per Actual Provisions of DPR)

8. Base year traffic volume

Month & Year of Traffic Volume		Motorised Traffic									Non Motorised Traffic						
Days	Cars, Jeep, Vans, Three Wheelers	Motorised two Wheelers	Light Commercial Vehicle	Trucks			Agricultural Tractors Trailers			Buses			Cycles	Cycle Rickshaws	Animal Drawn Vehicle		
				L	U	OL	L	U	OL	L	U	OL			SWC	Num. Tyres	
Day 1																	
Day 2																	
Day 3																	
Average																	

ADT in the year of Traffic Count = _____
 Growth rate adopted (%) = _____
 Design Life = _____ Years
 Number of Harvesting Seasons = _____
 No. of Days in Each Harvesting Season (l) = _____
 Value of (n) assumed = _____

Base Year Traffic AADT (T) = _____
 Cumulative ESAL = _____
 Traffic Category = _____

9. Subgrade CBR (for Different Sections) =

Change					
CBR %					

10. Cost Details

	Cost Rs.	Cost /km (Rs)
A. General Costs		
Cost of Preparation of DPR	0.06	-

B. Pavement Components				
Description of layer	Thickness in mm	Quantity	Cost Rs.	Cost/km (Rs)
Earth Work - in Excavation/ Cutting		4 ^s	208554	317.16
Earthwork- in Filling (Embankment)				2682
Subgrade (if provided separately)				
Shoulders (If not considered in the Earthwork)				
Granular Sub base				
Soil + Aggregate Mix				
WBM Gr-I				
WBM Gr-III				
C. Bituminous Layers				
Prime Coat				
Tack Coat				
OGPC				
Seal Coat				
M P M / B B M				
Surface Dressing				
D. Cement Concrete Road				
Pavement Quality Concrete (M30)				

E: C D Works

No. of Existing CD Works

Do they require any improvement- specify the nature of improvement proposed

If yes, their Number and Cost of improvement

Location - Chainage (Similar Type of CD's may be grouped together)	Type of CD & their Nos	Total Length of Bridge/ Culvert	Cost in Rs.
10/150, 15/250, 20/350, 25/450, 30/550, 35/650, 40/750, 45/850, 50/950, 55/1050, 60/1150, 65/1250, 70/1350, 75/1450, 80/1550, 85/1650, 90/1750, 95/1850, 100/1950, 105/2050, 110/2150, 115/2250, 120/2350, 125/2450, 130/2550, 135/2650, 140/2750, 145/2850, 150/2950, 155/3050, 160/3150, 165/3250, 170/3350, 175/3450, 180/3550, 185/3650, 190/3750, 195/3850, 200/3950, 205/4050, 210/4150, 215/4250, 220/4350, 225/4450, 230/4550, 235/4650, 240/4750, 245/4850, 250/4950, 255/5050, 260/5150, 265/5250, 270/5350, 275/5450, 280/5550, 285/5650, 290/5750, 295/5850, 300/5950, 305/6050, 310/6150, 315/6250, 320/6350, 325/6450, 330/6550, 335/6650, 340/6750, 345/6850, 350/6950, 355/7050, 360/7150, 365/7250, 370/7350, 375/7450, 380/7550, 385/7650, 390/7750, 395/7850, 400/7950, 405/8050, 410/8150, 415/8250, 420/8350, 425/8450, 430/8550, 435/8650, 440/8750, 445/8850, 450/8950, 455/9050, 460/9150, 465/9250, 470/9350, 475/9450, 480/9550, 485/9650, 490/9750, 495/9850, 500/9950, 505/10050, 510/10150, 515/10250, 520/10350, 525/10450, 530/10550, 535/10650, 540/10750, 545/10850, 550/10950, 555/11050, 560/11150, 565/11250, 570/11350, 575/11450, 580/11550, 585/11650, 590/11750, 595/11850, 600/11950, 605/12050, 610/12150, 615/12250, 620/12350, 625/12450, 630/12550, 635/12650, 640/12750, 645/12850, 650/12950, 655/13050, 660/13150, 665/13250, 670/13350, 675/13450, 680/13550, 685/13650, 690/13750, 695/13850, 700/13950, 705/14050, 710/14150, 715/14250, 720/14350, 725/14450, 730/14550, 735/14650, 740/14750, 745/14850, 750/14950, 755/15050, 760/15150, 765/15250, 770/15350, 775/15450, 780/15550, 785/15650, 790/15750, 795/15850, 800/15950, 805/16050, 810/16150, 815/16250, 820/16350, 825/16450, 830/16550, 835/16650, 840/16750, 845/16850, 850/16950, 855/17050, 860/17150, 865/17250, 870/17350, 875/17450, 880/17550, 885/17650, 890/17750, 895/17850, 900/17950, 905/18050, 910/18150, 915/18250, 920/18350, 925/18450, 930/18550, 935/18650, 940/18750, 945/18850, 950/18950, 955/19050, 960/19150, 965/19250, 970/19350, 975/19450, 980/19550, 985/19650, 990/19750, 995/19850, 1000/19950, 1005/20050, 1010/20150, 1015/20250, 1020/20350, 1025/20450, 1030/20550, 1035/20650, 1040/20750, 1045/20850, 1050/20950, 1055/21050, 1060/21150, 1065/21250, 1070/21350, 1075/21450, 1080/21550, 1085/21650, 1090/21750, 1095/21850, 1100/21950, 1105/22050, 1110/22150, 1115/22250, 1120/22350, 1125/22450, 1130/22550, 1135/22650, 1140/22750, 1145/22850, 1150/22950, 1155/23050, 1160/23150, 1165/23250, 1170/23350, 1175/23450, 1180/23550, 1185/23650, 1190/23750, 1195/23850, 1200/23950, 1205/24050, 1210/24150, 1215/24250, 1220/24350, 1225/24450, 1230/24550, 1235/24650, 1240/24750, 1245/24850, 1250/24950, 1255/25050, 1260/25150, 1265/25250, 1270/25350, 1275/25450, 1280/25550, 1285/25650, 1290/25750, 1295/25850, 1300/25950, 1305/26050, 1310/26150, 1315/26250, 1320/26350, 1325/26450, 1330/26550, 1335/26650, 1340/26750, 1345/26850, 1350/26950, 1355/27050, 1360/27150, 1365/27250, 1370/27350, 1375/27450, 1380/27550, 1385/27650, 1390/27750, 1395/27850, 1400/27950, 1405/28050, 1410/28150, 1415/28250, 1420/28350, 1425/28450, 1430/28550, 1435/28650, 1440/28750, 1445/28850, 1450/28950, 1455/29050, 1460/29150, 1465/29250, 1470/29350, 1475/29450, 1480/29550, 1485/29650, 1490/29750, 1495/29850, 1500/29950, 1505/30050, 1510/30150, 1515/30250, 1520/30350, 1525/30450, 1530/30550, 1535/30650, 1540/30750, 1545/30850, 1550/30950, 1555/31050, 1560/31150, 1565/31250, 1570/31350, 1575/31450, 1580/31550, 1585/31650, 1590/31750, 1595/31850, 1600/31950, 1605/32050, 1610/32150, 1615/32250, 1620/32350, 1625/32450, 1630/32550, 1635/32650, 1640/32750, 1645/32850, 1650/32950, 1655/33050, 1660/33150, 1665/33250, 1670/33350, 1675/33450, 1680/33550, 1685/33650, 1690/33750, 1695/33850, 1700/33950, 1705/34050, 1710/34150, 1715/34250, 1720/34350, 1725/34450, 1730/34550, 1735/34650, 1740/34750, 1745/34850, 1750/34950, 1755/35050, 1760/35150, 1765/35250, 1770/35350, 1775/35450, 1780/35550, 1785/35650, 1790/35750, 1795/35850, 1800/35950, 1805/36050, 1810/36150, 1815/36250, 1820/36350, 1825/36450, 1830/36550, 1835/36650, 1840/36750, 1845/36850, 1850/36950, 1855/37050, 1860/37150, 1865/37250, 1870/37350, 1875/37450, 1880/37550, 1885/37650, 1890/37750, 1895/37850, 1900/37950, 1905/38050, 1910/38150, 1915/38250, 1920/38350, 1925/38450, 1930/38550, 1935/38650, 1940/38750, 1945/38850, 1950/38950, 1955/39050, 1960/39150, 1965/39250, 1970/39350, 1975/39450, 1980/39550, 1985/39650, 1990/39750, 1995/39850, 2000/39950, 2005/40050, 2010/40150, 2015/40250, 2020/40350, 2025/40450, 2030/40550, 2035/40650, 2040/40750, 2045/40850, 2050/40950, 2055/41050, 2060/41150, 2065/41250, 2070/41350, 2075/41450, 2080/41550, 2085/41650, 2090/41750, 2095/41850, 2100/41950, 2105/42050, 2110/42150, 2115/42250, 2120/42350, 2125/42450, 2130/42550, 2135/42650, 2140/42750, 2145/42850, 2150/42950, 2155/43050, 2160/43150, 2165/43250, 2170/43350, 2175/43450, 2180/43550, 2185/43650, 2190/43750, 2195/43850, 2200/43950, 2205/44050, 2210/44150, 2215/44250, 2220/44350, 2225/44450, 2230/44550, 2235/44650, 2240/44750, 2245/44850, 2250/44950, 2255/45050, 2260/45150, 2265/45250, 2270/45350, 2275/45450, 2280/45550, 2285/45650, 2290/45750, 2295/45850, 2300/45950, 2305/46050, 2310/46150, 2315/46250, 2320/46350, 2325/46450, 2330/46550, 2335/46650, 2340/46750, 2345/46850, 2350/46950, 2355/47050, 2360/47150, 2365/47250, 2370/47350, 2375/47450, 2380/47550, 2385/47650, 2390/47750, 2395/47850, 2400/47950, 2405/48050, 2410/48150, 2415/48250, 2420/48350, 2425/48450, 2430/48550, 2435/48650, 2440/48750, 2445/48850, 2450/48950, 2455/49050, 2460/49150, 2465/49250, 2470/49350, 2475/49450, 2480/49550, 2485/49650, 2490/49750, 2495/49850, 2500/49950, 2505/50050, 2510/50150, 2515/50250, 2520/50350, 2525/50450, 2530/50550, 2535/50650, 2540/50750, 2545/50850, 2550/50950, 2555/51050, 2560/51150, 2565/51250, 2570/51350, 2575/51450, 2580/51550, 2585/51650, 2590/51750, 2595/51850, 2600/51950, 2605/52050, 2610/52150, 2615/52250, 2620/52350, 2625/52450, 2630/52550, 2635/52650, 2640/52750, 2645/52850, 2650/52950, 2655/53050, 2660/53150, 2665/53250, 2670/53350, 2675/53450, 2680/53550, 2685/53650, 2690/53750, 2695/53850, 2700/53950, 2705/54050, 2710/54150, 2715/54250, 2720/54350, 2725/54450, 2730/54550, 2735/54650, 2740/54750, 2745/54850, 2750/54950, 2755/55050, 2760/55150, 2765/55250, 2770/55350, 2775/55450, 2780/55550, 2785/55650, 2790/55750, 2795/55850, 2800/55950, 2805/56050, 2810/56150, 2815/56250, 2820/56350, 2825/56450, 2830/56550, 2835/56650, 2840/56750, 2845/56850, 2850/56950, 2855/57050, 2860/57150, 2865/57250, 2870/57350, 2875/57450, 2880/57550, 2885/57650, 2890/57750, 2895/57850, 2900/57950, 2905/58050, 2910/58150, 2915/58250, 2920/58350, 2925/58450, 2930/58550, 2935/58650, 2940/58750, 2945/58850, 2950/58950, 2955/59050, 2960/59150, 2965/59250, 2970/59350, 2975/59450, 2980/59550, 2985/59650, 2990/59750, 2995/59850, 3000/59950, 3005/60050, 3010/60150, 3015/60250, 3020/60350, 3025/60450, 3030/60550, 3035/60650, 3040/60750, 3045/60850, 3050/60950, 3055/61050, 3060/61150, 3065/61250, 3070/61350, 3075/61450, 3080/61550, 3085/61650, 3090/61750, 3095/61850, 3100/61950, 3105/62050, 3110/62150, 3115/62250, 3120/62350, 3125/62450, 3130/62550, 3135/62650, 3140/62750, 3145/62850, 3150/62950, 3155/63050, 3160/63150, 3165/63250, 3170/63350, 3175/63450, 3180/63550, 3185/63650, 3190/63750, 3195/63850, 3200/63950, 3205/64050, 3210/64150, 3215/64250, 3220/64350, 3225/64450, 3230/64550, 3235/64650, 3240/64750, 3245/64850, 3250/64950, 3255/65050, 3260/65150, 3265/65250, 3270/65350, 3275/65450, 3280/65550, 3285/65650, 3290/65750, 3295/65850, 3300/65950, 3305/66050, 3310/66150, 3315/66250, 3320/66350, 3325/66450, 3330/66550, 3335/66650, 3340/66750, 3345/66850, 3350/66950, 3355/67050, 3360/67150, 3365/67250, 3370/67350, 3375/67450, 3380/67550, 3385/67650, 3390/67750, 3395/67850, 3400/67950, 3405/68050, 3410/68150, 3415/68250, 3420/68350, 3425/68450, 3430/68550, 3435/68650, 3440/68750, 3445/68850, 3450/68950, 3455/69050, 3460/69150, 3465/69250, 3470/69350, 3475/69450, 3480/69550, 3485/69650, 3490/69750, 3495/69850, 3500/69950, 3505/70050, 3510/70150, 3515/70250, 3520/70350, 3525/70450, 3530/70550, 3535/70650, 3540/70750, 3545/70850, 3550/70950, 3555/71050, 3560/71150, 3565/71250, 3570/71350, 3575/71450, 3580/71550, 3585/71650, 3590/71750, 3595/71850, 3600/71950, 3605/72050, 3610/72150, 3615/72250, 3620/72350, 3625/72450, 3630/72550, 3635/72650, 3640/72750, 3645/72850, 3650/72950, 3655/73050, 3660/73150, 3665/73250, 3670/73350, 3675/73450, 3680/73550, 3685/73650, 3690/73750, 3695/73850, 3700/73950, 3705/74050, 3710/74150, 3715/74250, 3720/74350, 3725/74450, 3730/74550, 3735/74650, 3740/74750, 3745/74850, 3750/74950, 3755/75050, 3760/75150, 3765/75250, 3770/75350, 3775/75450, 3780/75550, 3785/75650, 3790/75750, 3795/75850, 3800/75950, 3805/76050, 3810/76150, 3815/76250, 3820/76350, 3825/76450, 3830/76550, 3835/76650, 3840/76750, 3845/76850, 3850/76950, 3855/77050, 3860/77150, 3865/77250, 3870/77350, 3875/77450, 3880/77550, 3885/77650, 3890/77750, 3895/77850, 3900/77950, 3905/78050, 3910/78150, 3915/78250, 3920/78350, 3925/78450, 3930/78550, 3935/78650, 3940/78750, 3945/78850, 3950/78950, 3955/79050, 3960/79150, 3965/79250, 3970/79350, 3975/79450, 3980/79550, 3985/79650, 3990/79750, 3995/79850, 4000/79950, 4005/80050, 4010/80150, 4015/80250, 4020/80350, 4025/80450, 4030/80550, 4035/80650, 4040/80750, 4045/80850, 4050/80950, 4055/81050, 4060/81150, 4065/81250, 4070/81350, 4075/81450, 4080/81550, 4085/81650, 4090/81750, 4095/81850, 4100/81950, 4105/82050, 4110/82150, 4115/82250, 4120/82350, 4125/82450, 4130/82550, 4135/82650, 4140/82750, 4145/82850, 4150/82950, 4155/83050, 4160/83150, 4165/83250, 4170/83350, 4175/83450, 4180/83550, 4185/83650, 4190/83750, 4195/83850, 4200/83950, 4205/84050, 4210/84150, 4215/84250, 4220/84350, 4225/84450, 4230/84550, 4235/84650, 4240/84750, 4245/84850, 4250/84950, 4255/85050, 4260/85150, 4265/85250, 4270/85350, 4275/85450, 4280/85550, 4285/85650, 4290/85750, 4295/85850, 4300/85950, 4305/86050, 4310/86150, 4315/86250, 4320/86350, 4325/86450, 4330/86550, 4335/86650, 4340/86750, 4345/86850, 4350/86950, 4355/87050, 4360/87150, 4365/87250, 4370/87350, 4375/87450, 4380/87550, 4385/87650, 4390/87750, 4395/87850, 4400/87950, 4405/88050, 4410/88150, 4415/88250, 4420/88350, 4425/88450, 4430/88550, 4435/88650, 4440/88750, 4445/88850, 4450/88950, 4455/89050, 4460/89150, 4465/89250, 4470/89350, 4475/89450, 4480/89550, 4485/89650, 4490/89750, 4495/89850, 4500/89950, 4505/90050, 4510/90150, 4515/90250, 4520/90350, 4525/90450, 4530/90550, 4535/90650, 4540/90750, 4545/90850, 4550/90950, 4555/91050, 4560/91150, 4565/91250, 4570/91350, 4575/91450, 4580/91550, 4585/91650, 4590/91750, 4595/91850, 4600/91950, 4605/92050, 4610/92150, 4615/92250, 4620/92350, 4625/92450, 4630/92550, 4635/92650, 4640/92750, 4645/92850, 4650/92950, 4655/93050, 4660/93150, 4665/93250, 4670/93350, 4675/93450, 4680/93550, 4685/93650, 4690/93750, 4695/93850, 4700/93950, 4705/94050, 4710/94150, 4715/94250, 4720/94350, 4725/94450, 4730/94550, 4735/94650, 4740/94750, 4745/94850, 4750/94950, 4755/95050, 4760/95150, 4765/95250, 4770/95350, 4775/95450, 4780/95550, 4785/95650, 4790/95750, 4795/95850, 4800/95950, 4805/96050, 4810/96150, 4815/96250, 4820/96350, 4825/96450, 4830/96550, 4835/96650, 4840/96750, 4845/96850, 4850/96950, 4855/97050, 4860/97150,			

Khellani Orange Road to Sarai

1. Routine Maintenance

Year	Cost in lakhs	% Cost	Cost /km
I			
II			
III			
IV			
V			
Total Maintenance Cost			

2. Whether the road has Geometrics as per Rural Roads Manual RRM / Latest Circulars of NRRDA. **Yes**

3. Whether C.D. works / Protection works are provided as per RRM / Latest Circulars of NRRDA / Respective Codes. **Yes**

4. Whether the Cost estimates are as per standard data analysis and S.S.R. **Yes**

5. Sources and the Lead distances of Materials are as under

Material	Source	Lead Distance	Material	Source	Lead Distance km
Earth	-	-	Cement	Jammu	190
Murrum	-	-	Emulsion	-	-
Aggregate	Bygal	50	Bitumen	-	-
Sand	Preh Nagar	36	Steel	Jammu	190

Certified that information provided is true

Prepared By
(Name)

Sunil Thakur

Checked By

Scrutinized By **SE**

Counter Signatures of
Co-ordinator STA :

15	Is the Proposed Road entered on the OMMS : (Data entries to be verified by STA before Clicking the Proposal)	Yes/No
16	Is the Proposal for new connectivity . Have you satisfied yourself that the proposed road is a part of Core Network	Yes / No
	Is the unconnected habitation (s) part of list of unconnected Habitations as per CN-5	Yes / No
	Does the Proposal ensure full connectivity to Target Habitation a) If No, the name of Unconnected Habitation up to which it is connected	Yes Yes/No
	b) If such Unconnected Habitation eligible Under PMGSY	Yes/No
17	Are you satisfied with the following Engineering Surveys (L section, X section must be verified) Soil Material Investigation (CBR, Density, LL, PI, Gradation to be verified) Traffic Surveys / Estimation Hydraulic Studies. (Catchment for structures with more than 2 Vents to be verified from topo sheet. Location and requirement of all CD structures to be verified from L section)	Yes / No Yes / No Yes / No Yes / No
18	In case , Traffic is projected beyond T 4 Category are you satisfied with the reason given by PIU	Yes/No N.A.
19	In case, sub grade CBR is less than 3; has Soil Stabilisation etc. been proposed (If not , specific Reasons given by PIU)	Yes/No N.A. opto elw only
20	Is the design of the following elements as per Rural Roads Manul / Circulars of NRRDA: Alignment & Geometrics Location and type of CD works and Side drains Integration for Cross and longitudinal Drainage Protection Works	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 .	Yes/No N.A.
22	Does the Estimation Conform to Standard Rate Analysis and SSR generated for the current Phase .	Yes / No
23	Does the proposal have provisions for PMGSY Logo Sign Boards and Information Board Km/Hm Stones Guard Stones (where necessary) Traffic Sign-Boards (as necessary)	Yes Yes / No Yes / No Yes / No

24 Specific Remarks, if any, by STA
(Specific remarks of STA about the overall project are necessary on each DPR)

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.

Technical Scrutiny at STA done by:
Signature
Name
Date

Signature
Co-ordinator STA
Signature 3.3.09
Name Dr. S.R. Gupta

PRADHAN MANTRI GRAM SADAK YOJANA (PMGSY)

Package Summary
Package NO: JK 04-

STATE : JAMMU AND KASHMIR
DISTRICT: DODA

S.NO.	Name of Block	Name of road		Type of proposal N/U	Proposed length (Km)	Cost of Pavement (Rs in lacs)	No. of CD works Nos.	Cost of CD Works & R/walls, B walls (Rs. in lacs)	Miscellaneous (Rs. in lacs)	Total Estimated Cost (Rs. in lacs)	Average Cost/ Km (Rs. in lacs)
		From	To								
1.	Assar	Khellani Oranga	Saras	N	11.825	319.18	48	423.19	678 3.05	749.14 lacs	63.95
											317.16
											385.73
											705.94
											59.69
											705.97

N= New connectivity

U= Up-gradation

Prepared by: -

Signature *[Signature]* Technical scrutiny done by:
Name *Sunil Thusei*
Designation *A.E.E.*

Checked by: -

Signature *[Signature]* Coordinator STA:
Name *Sobit Singh*
Designation *Assistant*

Scrutinized by: -

Signature *[Signature]*
Name *Arak Mengi*
Designation. *Superintending Engineer
PMGSY circle
Batote*

Signature
Name
Designation

Signature *[Signature]*
Name *Dr. S.K. Gupta*
Designation *HO (Civil Engg.)
GCEBT Jammu.*

[Signature]
Asstt. Ex. Engineer,
PMGSY Sub Division,
Assar

[Signature]
EXECUTIVE ENGINEER
PMGSY Division,
Doda.
[Signature]

[Signature]
SUPERINTENDING ENGINEER
PMGSY CIRCLE, Batote.

TECHNICAL REPORT

Name of the work :-

Construction of road from Khellani Dranga Road to

Saras.

AUTHORITY: -

Pradhan Mantri Gram Sadak Yojana (BHARAT NIRMAN).

STATUS :-

NEW SCHEME

LENGTH :-

11.825 Kms

CLASSIFICATION :-

Village Road.

VILLAGES BENEFITTED : Saras, Hudd. Kalaya

Population benefited: - Seriah = 1603 Souls (directly)

A BRIEF OVERVIEW :-

The proposed road leading to the targeted habitation of Saras is located to the South East of Doda Town at a distance of 31.00 Kms. There is no worth while educational or medical facility in the area because of absence of road.

The area, even though rich in agriculture produce, yet the farmers cannot get their surplus yield to the market in the absence of road. Maize, wheat and dairy products are the chief crops of the area. With the construction of the road, the availability of modern farming techniques is bound to increase the yield of the crops. These crops shall find ready market in Doda which is the nearest marketing centre.

Moreover, the construction of the road shall result in better educational and medical facilities for the populace of the area. More and more people are bound to be engaged in marketing and other employment related activities once the road is completed.

In nutshell, the construction of the road is bound to usher the area to a new dawn of development, progress and prosperity.

PROPOSALS :-

It is proposed to construct the road up to fair weather specifications in Stage-I. The fair weather specifications shall constitute, earth work (cutting and filling), walling and cross drainage works. The earth work shall be executed as per desired geometrics and gradient as specified in Rural Road Manual (IRCSP:20:2002) walling and cross drainage works as per site conditions and designed discharge shall be provided wherever necessary.

SPECIFICATIONS :-

EARTH WORK AND WALLING - The proposed road which falls in hilly terrain shall be constructed with a formation width of 5.50 M and carriage

way width of 3.0M. The formation shall be in cutting and filling with the ruling gradient being 5%, limiting gradient being 6% and exceptional gradient being 7% as mentioned in Rural Road Manual. The back cut slope shall be 1:6 (1H:6V). Semi pacca retaining walls and breast walls shall be provided wherever necessary for stability and improved geometrics of the road.

CROSS DRAINAGE WORKS :- It is proposed to have 48 C.D works in the entire length of the road as per detail given below :-

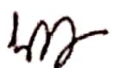
1.0 M dia H.P culverts	= 21 Nos.
1.0 M span R.C.C. culverts	= 11 --
2.0 M span R.C.C culverts	= 7 --
3.0 M span R.C.C culverts	= 2 --
6.0 M span R.C.C culverts	= 2 --
6.0 M span R.C.C scuppers	= 5 --

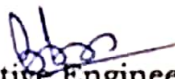
Total :- = 48 Nos.

705.94
749.15


TIME AND COST :-

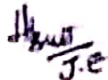
The estimated cost of the work is Rs. ~~705.94~~ 749.15 lacs and it shall be completed in 15 months subject to the availability of funds.


Asstt. Exec. Engineer,
PMGSY Sub. Div. Assar.


Executive Engineer,
PMGSY Div. Doda.

Superintending Engineer,
PMGSY Circle, Batote.


Asstt. Exec. Engineer,
PMGSY Sub. Div. Assar.


Executive Engineer,
PMGSY Div. Doda.

CERTIFIED THAT

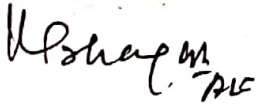

1. The proposed link road from Khellani Dranga Road to Saras is a part of the core network.
2. The alignment along the road is safe, passes through slide free zone and involves minimum CD works and provides full connectivity to the intended villages/population.
3. The land is available for the construction of this road.
4. R.O.W. for the construction of the road is sufficient as per Rural Roads Manual (SP:20).
5. The survey has been conducted by the concerned A.E., Sh. Ishwar Lal Bhagat and Junior Engineers, Sh Mohd. Farooq Bhat and Sh. Raj Kumar and it is certified that the field data in respect of L-section, cross section and site plan, classification of earthwork in cutting, hydraulic data for design of CD works, protection works are correct to the best of my knowledge.
6. The material and labour for the road construction are available.
7. The condition of road from which take off point is proposed is good and trafficable.
8. The location of CD works and protection works has been proposed at requisite places as per site conditions.
9. The CD works have been designed on realistic hydrological data.
10. The earthwork quantities in cutting and filling have been balanced.
11. The quantities provided in the DPR can be put to tenders and the analyses of rates and carriages are actual as per site conditions:



Assistant Executive Engineer,
PMGSY Sub. Div.
Assar/ Bhagwah



Executive Engineer,
PMGSY Division,
Doda.

 
Ishwar Lal Bhagat
Mohd. Farooq Bhat
J.E.