

No. P- 17024/12/2024-RC (eFMS No 386913)

Government of India
Ministry of Rural Development
Department of Rural Development
Rural Connectivity (RC) Division

Krishi Bhawan, New Delhi
Dated the 22nd February, 2024

To,

The Secretary,
Rural Works Department-cum-Chief Executive Officer,
Jharkhand State Rural Roads Development Authority,
F.F.P Building, 2nd Floor,
Dhurwa, Ranchi- 834004

Subject:- Clearance to the project proposals submitted by the State of Jharkhand under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM-JANMAN) Batch-I, 2023-24-reg.

Sir,

I am directed to refer to the project proposal submitted by the State of Jharkhand under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM-JANMAN) Batch-I, 2023-24. The proposal was considered by the Empowered Committee in its meeting held on 17th January, 2024. On the basis of the recommendations of the Empowered Committee and compliance report submitted by the State, the Ministry hereby accords clearance to the proposal as per summary given below:-

Items	Roads	Bridges	Total
Value of proposals (Rs in Crores)	42.85	1.30	44.15
No. of works	18	1	18 roads + 1 bridge
Length in km/m	49.30 km	17.15 m	49.30 km roads + 17.15 m bridge
Average cost per km/m (Lacs/km or Lacs/m)	86.91	7.58	
MoRD Share: Rs. 24.81 crore, State Share: Rs. 19.343 crore (including Rs. 2.803 crore as Higher Specification cost)			

- The OMMAS based road list and District abstract is attached.
- The above clearance is accorded subject to the following conditions to be fulfilled by the State:-

- a) The State will upload Design Stage Road Safety Audit reports on OMMAS for all the roads having more than 5 km of length before tendering.
- b) As PM-JANMAN involves new construction, the State must ensure that adequate Right of Way (ROW) will be available at the site.
- c) In Panelled cement concrete slab is cut with one third deep grooves (by thickness of slab) by a stone cutter so that the slab forms interlocking panels. These grooves may be filled with bitumen.
- d) While execution of Panel cement concrete, State should ensure grooves must be cut within 24 hrs of laying.
- e) State shall ensure installation of GPS system in key machinery and equipment engaged during execution of road works under PM-JANMAN (covered in the clearance letter and also previously ongoing works) in terms of instruction issued by NRIDA vide letter dated 31st January, 2022.
- f) The State shall adopt proper procedure while widening the existing roads with 3.00m to 3.75m carriageway, to ensure this geo-tagged photographs/ videography during widening need to be taken and preserved for verification during inspection of SQM/NQM and any other inspecting officials.
- g) PTA scrutiny of 10% of the LSB proposals scrutinized by the STAs has not been done yet. State has to ensure that before issue of technical sanction of any of the road works sanctioned under this batch, the PTA scrutiny is completed.
- h) State should conduct 3rd Party Traffic Survey using ATCC and Axle load survey for the proposed roads with projected traffic more than 1 MSA as per Ministry's advisory P-17025/22/2017-RC (FMS- 357269) dated 24.12.2020 and obtain approval from NRIDA before tendering.
- i) Quality control lab must compulsorily be established and geo-tagged time- stamped photograph of Engineer-in-Charge visit in the lab should be uploaded on OMMAS before commencement of the work.
- j) State must ensure that the payment to Cement Concrete roads is made only after verification of target strength achieved after 28 days based on cores taken from the pavement as per MoRD specifications.
- k) In case of Panelled concrete roads, State shall ensure that initial dummy joint cutting of concrete is done to their required depth within the stipulated time limit of 24-48 hrs. and as per relevant codes and sound engineering practice to avoid development of haphazard cracks in the concrete. For this the state shall upload the Geo-tagged and time-stamped photographs, video recording both during laying and joint cutting of concrete. State is also advised to adhere the directions mentioned in circular issued vide letter No. NRRDA-P013(11)/1/2020-Dir(P-I) dated 11th April, 2023.
- l) The State should enter into Memorandum of Understanding (MoU) between NRIDA, Technology Provider and SRRDA for the roads sanctioned using new materials/IRC Accredited materials as per new technology initiative guidelines and no payment shall be allowed unless required MoU is signed and sent to NRIDA.
- m) Planting of fruit bearing and other suitable tress, on both sides of the roads would mandatorily be taken up by the State Governments/Union Territories by using funds under

Mahatma Gandhi National Rural Employment Guarantee Scheme and other Central and State Schemes. Guidelines on Tree Plantation along with Rural Roads (IRC: SP:103-2014), published by Indian Roads Congress should be followed for plantation of trees along the roads constructed under PM-JANMAN.

- n) The State shall also ensure verification of quality control registers and uploading on OMMAS in terms of circular No. NRRDA-PO14 (14) dated 13th January, 2022.
- o) Overall timeline from sanction of projects to commencement of works is 72 days. State should ensure to implement this provision of the guidelines in letter and spirit.

In respect of bridges the following additional conditions will apply:

- p) State should verify the hydraulic data, catchment area calculations, Geo-Technical investigation data, structural design of bridge components and drawings while according Technical sanction. If any modifications required, same should be made in the design and BOQs, before tendering of such bridges.
- q) The state has to recruit experts/agency for design, implementation/ execution and supervision of bridge construction and also SQMs for independent inspection of bridge works in a time bound manner. State also needs to establish the "Bridge Management Cell" with sufficient expert manpower, before award of these works. State need to chalk out proper strategy for deployment of manpower to be engaged to ensure optimum utilization. This information should be shared with the Ministry/ NRIDA well in time.
- r) Pile integrity test is required for ensuring the quality of concrete cast during execution and forms part of Quality Assurance by the contractor. Thus, the cost towards this end need to be borne by the contractor and will be included in their bid.
- s) As per the provisions of IRC SP 51:2015, acceptance load test on one span is recommended before opening to traffic to observe the overall behavior of the structure and for the confidence of the users.

- 4. This issues with the approval of the Competent Authority.

Yours faithfully,



(K.M. Singh)

Director (RC)

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Email: km.singh@nic.in

Encl: OMMAS based road list with District wise abstract.

Copy forwarded for information/necessary action to:

- i) PS to Hon'ble Minister (RD)
- ii) PS to Hon'ble MoS (RD)

- iii) PSO to Secretary (RD)
- iv) PPS to JS& FA (RD)
- v) PPS to JS (RC)
- vi) The Chief Engineer, JSRRDA, The Director (Technical), NRIDA with a request to ensure compliance on the condition imposed and bring to Ministry's notice in case of non-compliance
- vii) The Director (P-I), NRIDA with a request to follow up on the award of works.
- viii) The Director (P-II), Director (P-III), Director (F & A), NRIDA, New Delhi.

Pradhan Mantri Gram Sadak Yojana

Road List for attachment with Sanction Letter

Sanction Letter No : 386913 Sanction Date : 22/02/2024

State : Jharkhand Sanction Year : 2023-2024 Batch : 1 Collaboration : Regular PMGSY

Note : All Costs are in Lakhs and Lengths are in Kms.

Sr.	Core Network No.	Name of Road / Bridge	Category (N/U)	New Technology	Road (Kms) / Bridge (Mtrs) Length	Carriage Way Width	Stage Const.	CD Work (Nos)	Central share (Rs Lacs)	State Cost (Including Additional State Share) (Rs Lacs)	Total Cost (Including Additional State Share) (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Road Proposals													
District- Chatra													
Block- Chatra Sadar													
1	L022	L022-PMGSY NH-100-SAIL SEREGEDA ROAD TO SAHEDA	New	Panelled Cement Concrete (1.055),	1.055	3.750	Complete	2	63.50	42.33	105.83	3.46	(0, 1, 0, 0, 1)
2	L021	L021-NH99 CHATRA BAGRA RD TO ARUDANA	New	Waste Plastics (1.825), Cement Stabilization (1.800), Panelled Cement Concrete (0.200),	1.825	3.750	Complete	6	83.01	65.20	148.21	10.63	(0, 0, 1, 1, 2)
Block Chatra Sadar Total					2.880			8	146.51	107.53	254.04	14.09	(0, 1, 1, 1, 3)
Block- Lawalong													
3	L021	L021-RATNAG-BARWADIH ROAD TO PURNATAND BIHORE TOLL	New	Cement Stabilization (1.080), Panelled Cement Concrete (0.065),	1.080	3.750	Complete	4	40.61	33.77	74.38	6.43	(0, 1, 0, 0, 1)
Block Lawalong Total					1.080			4	40.61	33.77	74.38	6.43	(0, 1, 0, 0, 1)

Pradhan Mantri Gram Sadak Yojana

Road List for attachment with Sanction Letter

Sr.	Core Network No.	Name of Road / Bridge	Category (N/U)	New Technology	Road (Kms) / Bridge (Mtrs) Length	Carriage Way Width	Stage Const.	CD Work (Nos)	Central share (Rs Lacs)	State Cost (Including Additional State Share) (Rs Lacs)	Total Cost (Including Additional State Share) (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		District Chatra Total			3.960			12	187.12	141.30	328.42	20.52	(0, 2, 1, 1, 4)
		District- Dumka											
		Block- Masalia											
4	L021	L021-Taldangal to pahadiya tola	New	Panelled Cement Concrete (0.850),	0.850	3.750	Complete	2	82.39	59.64	142.03	10.62	(0, 0, 1, 0, 1)
		Block Masalia Total			0.850			2	82.39	59.64	142.03	10.62	(0, 0, 1, 0, 1)
		Block- Ramgarh											
5	L021	L021-REO ROAD BASKO TO LATHIPHAR	New	--	2.410	3.750	Complete	3	140.18	102.15	242.33	19.88	(0, 0, 1, 0, 1)
		Block Ramgarh Total			2.410			3	140.18	102.15	242.33	19.88	(0, 0, 1, 0, 1)
		District Dumka Total			3.260			5	222.57	161.79	384.36	30.50	(0, 0, 2, 0, 2)
		District- Jamtara											
		Block- Jamtara Sadar											
6	L021	L021-Sahar Dangal PMGSY To Chandrampa Pharitola	New	Nano Technology (1.655), Panelled Cement Concrete (0.355),	2.010	3.750	Complete	5	97.39	81.41	178.80	15.39	(1, 0, 0, 0, 1)
		Block Jamtara Sadar Total			2.010			5	97.39	81.41	178.80	15.39	(1, 0, 0, 0, 1)

क.एम.सिंह / K. M. Singh

निदेशक / Director

भारत सरकार / Govt. of India

ग्रामीण विकास मंत्रालय / Ministry of Rural Development

कृषि भवन, नई दिल्ली / Krishi Bhawan, New Delhi

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Sr.	Core Network No.	Name of Road / Bridge	Category (N/U)	New Technology	Road (Kms) / Bridge (Mtrs) Length	Carriage Way Width	Stage Const.	CD Work (Nos)	Central share (Rs Lacs)	State Cost (Including Additional State Share) (Rs Lacs)	Total Cost (Including Additional State Share) (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Block- Kundhit													
7	L023	L023-Talpokharia to Muridih Khijuria (Pahariyatola) via Madhapur	New	Nano Technology (3.170), Panelled Cement Concrete (1.330),	4.500	3.750	Complete	3	182.74	155.35	338.09	27.47	(0, 1, 0, 0, 1)
Block Kundhit Total													
					4.500			3	182.74	155.35	338.09	27.47	(0, 1, 0, 0, 1)
Block- Nala													
8	L021	L021-PMGSY Morbasa Godapal To Lalbhara Phartola	New	Nano Technology (0.825), Panelled Cement Concrete (0.210),	1.035	3.750	Complete	1	42.79	37.01	79.80	8.49	(0, 1, 0, 0, 1)
Block Nala Total													
					1.035			1	42.79	37.01	79.80	8.49	(0, 1, 0, 0, 1)
District Jamtara Total													
					7.545			9	322.92	273.77	596.69	51.35	(1, 2, 0, 0, 3)
District- Latehar													
Block- Barwaidih													
9	L021	L021-AKHRA R.C.D ROAD TO PARHAIVA TOLA	New	--	1.000	3.750	Complete	3	49.96	33.30	83.26	7.06	(0, 1, 0, 0, 1)
10	L022	L022-MURGIDIH R.C.D TO RWD ROAD VIA MURGIDIH HOSPITAL	New	--	2.000	3.750	Complete	8	79.34	69.51	148.85	14.94	(0, 0, 1, 0, 1)
Block Barwaidih Total													
					3.000			11	129.30	102.81	232.11	22.00	(0, 1, 1, 0, 2)

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Sr.	Core Network No.	Name of Road / Bridge	Category (N/U)	New Technology	Road (Kms) / Bridge (Mtrs) Length	Carriage Way Width	Stage Const.	CD Work (Nos)	Central share (Rs Lacs)	State Cost (Including Additional State Share) (Rs Lacs)	Total Cost (Including Additional State Share) (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Block- Garu													
11	L021	L021-ARMU R.C.D ROAD TO ARMU ALIS MARCHAIA	New	--	2.100	3.750	Complete	7	87.31	68.21	155.52	14.45	(0, 0, 0, 1, 1)
		Block Garu Total			2.100			7	87.31	68.21	155.52	14.45	(0, 0, 0, 1, 1)
		District Latehar Total			5.100			18	216.61	171.02	387.63	36.45	(0, 1, 1, 1, 3)
District- Palamu													
Block- Chainpur													
12	L021	L021-Gore to Korwa tola via Balahiya vilage korwa tola	New	--	2.300	3.750	Complete	6	116.26	88.52	204.78	16.04	(0, 0, 0, 1, 1)
13	L022	L022-Saraahua to korwa tola via Sarahua School	New	--	0.770	3.750	Complete	3	39.86	31.07	70.93	6.08	(0, 1, 0, 0, 1)
14	L024	L024-RCD Karso to Pachlewa	New	--	4.446	3.750	Complete	8	222.94	164.98	387.92	24.14	(0, 0, 1, 0, 1)
15	L026	L026-Gore Pipratand korwa tola to Nawadhi pwd road	New	Panelled Cement Concrete (0.571),	1.696	3.750	Complete	3	84.05	62.04	146.09	8.98	(0, 0, 1, 0, 1)
		Block Chainpur Total			9.212			20	463.11	346.61	809.72	55.24	(0, 1, 2, 1, 4)
Block- Panki													
16	L022	L022-PMGSY Road Parhiya Tola To Hutai	New	--	1.875	3.750	Complete	8	92.87	74.99	167.86	19.05	(0, 0, 0, 1, 1)
		Block Panki Total			1.875			8	92.87	74.99	167.86	19.05	(0, 0, 0, 1, 1)

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Pradhan Mantri Gram Sadak Yojana

Road List for attachment with Sanction Letter

Sr.	Core Network No.	Name of Road / Bridge	Category (N/U)	New Technology	Road (Kms) / Bridge (Mtrs) Length	Carriage Way Width	Stage Const.	CD Work (Nos)	Central share (Rs Lacs)	State Cost (Including Additional State Share) (Rs Lacs)	Total Cost (Including Additional State Share) (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Block- Patan													
17	L021	L021-Tisibar Bridge to Chetna Picket	New	Panelled Cement Concrete (0.500),	7.848	3.750	Complete	14	391.30	309.98	701.28	69.66	(0, 0, 0, 1, 1)
		Block Patan Total			7.848			14	391.30	309.98	701.28	69.66	(0, 0, 0, 1, 1)
		District Palamu Total			18.935			42	947.28	731.58	1,678.86	143.95	(0, 1, 2, 3, 6)
		District- Saraikela Kharsawan											
Block- Chandil													
18	L022	L022-REO ROAD HESAKOCHA TO KADAMBERA VIA RANGMATIYA	New	Steel Slag (9.060), Panelled Cement Concrete (1.440),	10.500	3.750	Complete	28	506.93	403.02	909.95	59.31	(1, 0, 0, 0, 1)
		Block Chandil Total			10.500			28	506.93	403.02	909.95	59.31	(1, 0, 0, 0, 1)
		District Saraikela Kharsawan Total			10.500			28	506.93	403.02	909.95	59.31	(1, 0, 0, 0, 1)
		Road Proposals Total			49.300			114	2,403.43	1,882.48	4,285.91	342.08	(2, 6, 6, 5, 19)
Long Span Bridge Proposals													
District- Saraikela Kharsawan													

Pradhan Mantri Gram Sadak Yojana

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Sr.	Core Network No.	Name of Road / Bridge	Category (N/U)	New Technology	Road (Kms) / Bridge (Mtrs) Length	Carriage Way Width	Stage Const.	CD Work (Nos)	Central share (Rs Lacs)	State Cost (Including Additional State Share) (Rs Lacs)	Total Cost (Including Additional State Share) (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Block- Chandil													
19	L022	HIGH LEVEL BRIDGE OVER LOCAL NALA AT CHAINAGE 7+030 IN REO ROAD HESAKOCHA TO KADAMBERA VIA RANGMATIY	New	--	17.150	0.000	Complete	0	78.04	52.18	130.22	1.40	(0, 0, 0, 0, 0)
		Block Chandil Total			17.150			0	78.04	52.18	130.22	1.40	(0, 0, 0, 0, 0)
		District Saraikela Kharsawan Total			17.150			0	78.04	52.18	130.22	1.40	(0, 0, 0, 0, 0)
		Long Span Bridge Proposals Total			17.150			0	78.04	52.18	130.22	1.40	(0, 0, 0, 0, 0)
		Grand Total			Total Road Length: 49.300 Kms Total LSB Length: 17.150 Mtrs			114	2,481.47	1,934.66	4,416.13	343.48	(2, 6, 6, 5, 19)

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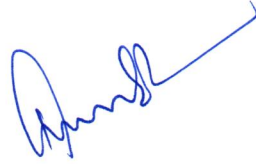


Pradhan Mantri Gram Sadak Yojana

Road List for attachment with Sanction Letter - District Wise Abstract

State : Jharkhand Sanction Year : 2023-2024 Batch : 1 Collaboration : Regular PMGSY

Sr.No.	District	No of Works	Road Length (Kms) / Bridge Length (Mtrs)	Central Share (Rs Lacs)	State Cost (Rs Lacs)	Total Cost (Rs Lacs)	Maint. Cost (Rs Lacs)	Habs (1000+, 500+, 250+, <250, Total)
1	2	3	4	5	6	7	8	9
Road Proposals								
1	Chatra	3	3.960	187.12	141.30	328.42	20.52	(0 , 2 , 1 , 1 , 4)
2	Dumka	2	3.260	222.57	161.79	384.36	30.50	(0 , 0 , 2 , 0 , 2)
3	Jamtara	3	7.545	322.92	273.77	596.69	51.35	(1 , 2 , 0 , 0 , 3)
4	Latehar	3	5.100	216.61	171.02	387.63	36.45	(0 , 1 , 1 , 1 , 3)
5	Palamu	6	18.935	947.28	731.58	1,678.86	143.95	(0 , 1 , 2 , 3 , 6)
6	Saraikela Kharsawan	1	10.500	506.93	403.02	909.95	59.31	(1 , 0 , 0 , 0 , 1)
	Roads Total	18	49.300	2,403.43	1,882.48	4,285.91	342.08	(2 , 6 , 6 , 5 , 19)
Long Span Bridge Proposals								
1	Saraikela Kharsawan	1	17.150	78.04	52.18	130.22	1.40	-
	Bridges Total	1	17.150	78.04	52.18	130.22	1.40	-
	Grand Total	19	Total Road Length:49.300 Kms Total LSB Length:17.150 Mtrs	2,481.47	1,934.66	4,416.13	343.48	(2 , 6 , 6 , 5 , 19)



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