

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

Krishi Bhawan, New Delhi
Dated the 16th March, 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-II, 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-II, 2023-24. The proposal was considered by the Empowered Committee in its meeting held on 16th February, 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	Total
Value of proposals (Rs in Crores)	69.70	69.70
No. of works	23	23 roads
Length in km	76.75 km	76.75 km roads
Average cost per km/m (Lacs/km)	90.81	90.81
MoRD Share: Rs. 37.77 crore, State Share: Rs. 31.93 crore (including Rs. 6.75 crore as Higher Specification cost)		

2. The OMMAS based road list and District abstract is attached.
3. 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 trees, 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.
- 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.

t) Proforma-C was uploaded considering 20mm OGPC+ Seal Coat. Updated Proforma-C with 40mm SDBC surfacing vetted by STA to be uploaded before Technical Sanction.

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

देविंदर कुमार
निदेशक / Director
भारत सरकार / Government of India
ग्राम. वि. मंत्रालय / Ministry of Rural Development
कृषि भवन, नई दिल्ली / Krishi Bhawan, New Delhi

(Devinder Kumar)

Director (RC)

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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 - District Wise Abstract

State : Jharkhand Sanction Year : 2023-2024 Batch : 2 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	Gumla	23	76.750	3,776.62	3,193.45	6,970.07	514.61	(0 , 3 , 2 , 18 , 23)
	Roads Total	23	76.750	3,776.62	3,193.45	6,970.07	514.61	(0 , 3 , 2 , 18 , 23)
	Grand Total	23	Total Road Length:76.750 Kms Total LSB Length: Mtrs	3,776.62	3,193.45	6,970.07	514.61	(0 , 3 , 2 , 18 , 23)

देविन्द्र कुमार /DEVINDER KUMAR

निदेशक /Director

भारत सरकार /Government of India

ग्रामीण विकास मंत्रालय /M/o Rural Development

कृषि भवन, नई दिल्ली /Krishi Bhawan, New Delhi

Pradhan Mantri Gram Sadak Yojana
Road List for attachment with Sanction Letter

Sanction Letter No :P-17024/12/2024-RC Sanction Date : 16/03/2024

State : Jharkhand Sanction Year : 2023-2024 Batch : 2 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- Gumla													
Block- Bishnupur													
1	L022	L022-Tutuwa Kujam Road to Bhattipath	New	Nano Technology (2.050), Panelled Cement Concrete (0.400),	2.450	3.750	Complete	5	121.64	98.20	219.84	18.87	(0, 0, 1, 0, 1)
2	L024	L024-Brahamdew Hakjang to tirkona vandarkona (Bethat)	New	Nano Technology (3.350), Panelled Cement Concrete (0.550),	3.000	3.750	Complete	11	147.52	121.39	268.91	22.71	(0, 0, 0, 1, 1)
3	L023	L023-Tutuwa Kujam Road to Chatasarai	New	Nano Technology (0.850), Panelled Cement Concrete (0.200),	1.050	3.750	Complete	1	50.34	40.65	90.99	9.32	(0, 0, 0, 1, 1)
4	L025	L025-Tutuwa Kujam Road to Jawadih	New	Panelled Cement Concrete (0.760),	0.760	3.750	Complete	1	39.57	26.38	65.95	5.99	(0, 0, 0, 1, 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
5	L026	L026-ST. Residential School Shakhwapani to Polpolpath	New	Nano Technology/ (2.860), Panelled Cement Concrete (1.050),	3.910	3.750	Complete	7	189.74	150.65	340.39	29.61	(0, 1, 0, 0, 1)
Block Bishnupur Total					11.170			25	548.81	437.27	986.08	86.50	(0, 1, 1, 3, 5)
Block- Chainpur													
6	L021	L021-Marwa Kukrunja Road to Chapajharja	New	--	0.750	3.750	Complete	28	43.56	29.04	72.60	2.54	(0, 0, 0, 1, 1)
7	L025	L025-L053-Kotiavapath road to Grahapath Asurtoli	New	Panelled Cement Concrete (0.900),	3.400	3.750	Complete	9	160.33	130.04	290.37	19.37	(0, 0, 1, 0, 1)
8	L024	L024-SH-T02 Bardih to Pakarkona	New	Panelled Cement Concrete (0.500),	4.050	3.750	Complete	15	211.02	168.50	379.52	24.18	(0, 0, 0, 1, 1)
9	L026	L026-L024 Dumri to Kewna	New	Panelled Cement Concrete (0.260),	2.750	3.750	Complete	12	131.93	106.42	238.35	16.53	(0, 0, 0, 1, 1)
10	L022	L022-L059 Malam to Katarikona Asurtoli	New	Panelled Cement Concrete (0.200),	4.600	3.750	Complete	7	243.95	196.78	440.73	27.53	(0, 0, 0, 1, 1)
11	L023	L023-L059-Katarikona-Asurtoli Road to Kulhukona Asurtoli	New	Panelled Cement Concrete (0.300),	2.350	3.750	Complete	4	107.17	87.33	194.50	13.34	(0, 0, 0, 1, 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
12	L027	L027-Lunu-Kutma RCPLWE Road to Kutwan Asurtoli	New	Panelled Cement Concrete (0.250),	0.700	3.750	Complete	4	38.99	30.49	69.48	3.99	(0, 1, 0, 0, 1)
13	L028	L028-L053 Basna Road to Tiwaripath Asurtola	New	Panelled Cement Concrete (0.950),	3.150	3.750	Complete	5	149.63	118.58	268.21	16.53	(0, 0, 0, 1, 1)
14	L029	L029-SH-T02 Kukrunja to Haldikona	New	Panelled Cement Concrete (0.130),	1.030	3.750	Complete	3	50.75	40.45	91.20	5.90	(0, 0, 0, 1, 1)
Block Chainpur Total					22.780			87	1,137.33	907.63	2,044.96	129.91	(0, 1, 1, 7, 9)
Block- Dumri													
15	L023	L023-MRL-17 to Kudar Korwatoli	New	Panelled Cement Concrete (0.200),	2.500	3.750	Complete	4	118.95	96.94	215.89	14.72	(0, 1, 0, 0, 1)
16	T01	T01-L051 Road Dumri to Litwachuha Korwatola	New	Panelled Cement Concrete (1.000),	5.400	3.750	Complete	13	258.05	213.88	471.93	32.71	(0, 0, 0, 1, 1)
17	L021	L021-REO Road Dhobri to Urlikona Bandkona	New	Panelled Cement Concrete (0.700),	1.500	3.750	Complete	5	82.90	65.59	148.49	9.08	(0, 0, 0, 1, 1)
18	L022	L022-T04-Dumartoli to Dumirpani Korwatoli	New	Panelled Cement Concrete (1.875),	3.800	3.750	Complete	6	181.40	145.53	326.93	20.55	(0, 0, 0, 1, 1)
Block Dumri Total					13.200			28	641.30	521.94	1,163.24	77.06	(0, 1, 0, 3, 4)

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Block- Ghaghra													
19	L021	L021-SH-9 Maigo More to Birapani	New	Nano Technology (11.110), Panelled Cement Concrete (6.300),	12.800	3.750	Complete	32	744.01	601.20	1,345.21	100.97	(0, 0, 0, 1, 1)
20	L022	L022-Rukighat More Sidiadipa to Ghunghru path via Ghaghrapat	New	Nano Technology (8.730), Panelled Cement Concrete (1.770),	6.600	3.750	Complete	8	276.61	278.14	554.75	51.23	(0, 0, 0, 1, 1)
21	L023	L023-Salgi Bhuyal Toli to Harduba	New	Nano Technology (2.612), Panelled Cement Concrete (0.388),	3.000	3.750	Complete	4	143.37	115.62	258.99	20.63	(0, 0, 0, 1, 1)
22	L024	L024-Salgi Bhuyal Toli to Pirhathal	New	Nano Technology (3.090), Panelled Cement Concrete (0.460),	3.550	3.750	Complete	5	170.25	137.15	307.40	28.01	(0, 0, 0, 1, 1)
Block Ghaghra Total					25.950			49	1,334.24	1,132.11	2,466.35	200.84	(0, 0, 0, 4, 4)

Pradhan Mantri Gram Sadak Yojana

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1	2	3	4	5	6	7	8	9	10	11	12	13	14
Block- Gumla Sadar													
23	L021	L021-PMGSY Anjan-Kuyyu Road L055 to Harinakhad	New	Panelled Cement Concrete (0.500),	3.650	3.750	Complete	4	114.94	194.50	309.44	20.30	(0, 0, 0, 1, 1)
		Block Gumla Sadar Total			3.650			4	114.94	194.50	309.44	20.30	(0, 0, 0, 1, 1)
		District Gumla Total			76.750			193	3,776.62	3,193.45	6,970.07	514.61	(0, 3, 2, 18, 23)
		Road Proposals Total			76.750			193	3,776.62	3,193.45	6,970.07	514.61	(0, 3, 2, 18, 23)
		Grand Total			Total Road Length: 76.750 Kms Total LSB Length: Mtrs			193	3,776.62	3,193.45	6,970.07	514.61	(0, 3, 2, 18, 23)

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