

File No.P-17024/12/2021-RC (FMS-374852)

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

Krishi Bhavan, New Delhi-110001

Date: 15th November, 2023

To

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

Subject:- Clearance to the project proposals under Pradhan Mantri Gram Sadak Yojana-III (PMGSY-III), Batch-I of 2023-24 for the State of Jharkhand- reg.

Sir,

I am directed to refer to the project proposal submitted by the State of Jharkhand under PMGSY-III, 2023-24 (Batch-I). The proposal has been examined by the Ministry and on the basis of the recommendation of the Empowered Committee, the Ministry hereby accords sanction to the following proposal:


| Items | Up-gradation roads | Bridges | Total |
|--------------------------------------|--------------------|--------------|---------------------|
| Value in Rs Crore | 41.72 | 5.70 | 47.42 |
| No. of works | 05 | 02 | 07 |
| Length in km/m | 44.74 km | 112.60 m | 44.74 km & 112.60 m |
| Average cost per km/m (Rs. In Lakhs) | 93.26 lakh/km | 5.06 lakhs/m | - |

MoRD Share : Rs. 26.406 Crores, **State Share :** Rs. 21.0261 Crores (including higher specification)


Note: The balance length of Jharkhand under PMGSY-III is 40 Km. The cost of extra 4.74 km will be fully borne by State. State Share has been increased by 3.4222 crore due to higher state specification.

2. The above clearance is accorded subject to the following conditions to be fulfilled by the State.

(a) State should upload Design Stage Road Safety Audit reports of all the roads proposed for more than 5 km length on OMMAS before tendering.


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- (b) The state shall ensure installation of GPS system in key machinery and equipment engaged during execution of road works under PMGSY-III from 1st May 2022, in terms of instructions issued by NRIDA vide letter dated 31st January 2022. These works will not commence before the machineries are installed with GPS VTS.
- (c) State should get appropriate number of samples tested for stabilization of base and sub base courses for determining the dose of stabilizer for required strength, before award of work, from STA laboratories/State Government approved laboratories having such facility.
- (d) 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.
- (e) 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.
- (f) State should ensure that corrected Proforma 'c' duly signed by STA should be uploaded on OMMAS before tendering.
- (g) State shall also ensure verification of quality control register and uploading of the same on OMMAS in terms of instructions dated 13th January 2022 of NRIDA.
- (h) The State will enter into a Memorandum of Understanding with the Ministry of Rural Development, Government of India before launching of the Scheme in the State for providing adequate funds for maintenance of roads constructed/ upgraded under PMGSY for initial five years routine maintenance, and for further five year routine maintenance including periodic renewal as per requirement'.
- (i) As per amended provision under para 13.2 of Programme Guidelines of PMGSY-III, overall timeline from sanction of projects to commencement of works is 75 days. State should ensure to implement this provision of the guidelines in letter and spirit.
- (j) State has to comply with para 21.4 of the PMGSY-III guidelines which stipulates that, planting of fruit bearing and other suitable trees, on both sides of the roads would mandatorily be taken by the State Government by using funds under Mahatma Gandhi NREGA 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 PMGSY-III.
- (k) The State need to select representative sections and execute the FDR/CTB works for a trial patch of 100m in each road after conducting all the required tests and execute the balance length only after the results of the trial patch confirms to the required specifications and standards.
- (l) The State need to set up a dedicated PMU for effective monitoring and implementation of FDR/CTB works
- (m) PTA scrutiny to be done before tendering of works as per norms.


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In respect of bridges the following additional conditions will apply:

- (n) 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.
- (o) 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.
- (p) 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.
- (q) As per the provisions of IRC SP51:2015, 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.

3. This issues with the approval of Hon'ble MRD.

Yours faithfully,

Encl: OMMAS based road list with district wise abstract.


(K.M. Singh)
Director (RC)

Copy to: PS to Hon'ble Minister (RD)/PS to Hon'ble MoS/ PSO to Secretary (RD)/PPS to JS& M. Singh
FA(RD)/PPS to JS (RC).

Copy also to:-

- (i) The Chief Engineer, Jharkhand State Rural Road Development Authority, Govt. of Jharkhand
- (ii) 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
- (iii) The Director (P-I) with a request to follow up on the award of works.
- (iv) The Director (P-II), Director (P-III), Director (F & A), NRIDA, New Delhi.

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भारत सरकार / Govt. of India
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Pradhan Mantri Gram Sadak Yojana
Road List for attachment with Sanction Letter

Sanction Letter No :P-17024/12/2021-RC

Sanction Date : 15/11/2023

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) | MoRD Cost (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- Khunti | | | | | | | | | | | | | |
| Block- Arki | | | | | | | | | | | | | |
| 1 | MRL04 | MRL04-L075-Arki-korwa RCD Road (Narda River to Birsamunda janmsthal, Ulihatu Via Gerne Road | Upgarde | -- | 6.400 | 3.750 | Complete | 18 | 326.92 | 217.94 | 544.86 | 40.70 | (2 , 0 , 0 , 1 , 3) |
| 2 | MRL03 | MRL03-MRL-037-Gerne to Lupunghatu Road | Upgarde | -- | 5.200 | 3.750 | Complete | 12 | 294.06 | 196.04 | 490.10 | 27.12 | (0 , 0 , 1 , 2 , 3) |
| Block Arki Total | | | | | 11.600 | | | 30 | 620.98 | 413.98 | 1,034.96 | 67.82 | (2 , 0 , 1 , 3 , 6) |
| Block- Murhu | | | | | | | | | | | | | |
| 3 | T08 | T08-T07-Rugdi to Godatoli,Murhu (khunti-Chaibasa main Road NH-75E) via kolme,chichigara,Hethgoba Road | Upgarde | -- | 18.650 | 5.500 | Complete | 32 | 1,129.33 | 752.88 | 1,882.21 | 120.90 | (2 , 3 , 2 , 0 , 7) |
| Block Murhu Total | | | | | 18.650 | | | 32 | 1,129.33 | 752.88 | 1,882.21 | 120.90 | (2 , 3 , 2 , 0 , 7) |
| District Khunti Total | | | | | 30.250 | | | 62 | 1,750.31 | 1,166.86 | 2,917.17 | 188.72 | (4 , 3 , 3 , 3 , 13) |
| District- Koderma | | | | | | | | | | | | | |


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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) | MoRD Cost (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- Jainagar | | | | | | | | | | | |
| 4 | T03 | T03-PARSABAD TO TILOKARI VIA GHURMUNDA, KHARIODIH | Upgarde | Waste Plastics (4.215), | 6.595 | 3.750 | Complete | 2 | 80.14 | 395.64 | 475.78 | 46.49 | (15 , 12 , 6 , 2 , 35) |
| | | Block Jainagar Total | | | 6.595 | | | 2 | 80.14 | 395.64 | 475.78 | 46.49 | (15 , 12 , 6 , 2 , 35) |
| | | District Koderma Total | | | 6.595 | | | 2 | 80.14 | 395.64 | 475.78 | 46.49 | (15 , 12 , 6 , 2 , 35) |
| | | District- Palamu | | | | | | | | | | | |
| | | Block- Chattarpur | | | | | | | | | | | |
| 5 | MRL02 | MRL02-T03 TURKADIH TO MANANDOHAR VIA RISYAPA | Upgarde | Panelled Cement Concrete (1.043), (FDR) Cement stabilization (0.120), | 7.900 | 5.500 | Complete | 18 | 467.78 | 311.86 | 779.64 | 69.24 | (8 , 8 , 4 , 4 , 24) |
| | | Block Chattarpur Total | | | 7.900 | | | 18 | 467.78 | 311.86 | 779.64 | 69.24 | (8 , 8 , 4 , 4 , 24) |
| | | District Palamu Total | | | 7.900 | | | 18 | 467.78 | 311.86 | 779.64 | 69.24 | (8 , 8 , 4 , 4 , 24) |
| | | Road Proposals Total | | | 44.745 | | | 82 | 2,298.23 | 1,874.36 | 4,172.59 | 304.45 | (27 , 23 , 13 , 9 , 72) |
| | | Long Span Bridge Proposals | | | | | | | | | | | |
| | | District- Khunti | | | | | | | | | | | |


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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) | MoRD Cost (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- Arki | | | | | | | | | | | | |
| 6 | - | H.L. BRIDGE OVER LOCAL NALA IN 0+250 KM. OF BRIDGE OVER NARDA RIVER IN L075-ARKI KORWA RCD ROAD (NAR | Upgarde | -- | 73.960 | 0.000 | Complete | 0 | 195.15 | 130.10 | 325.25 | 3.86 | (0 , 0 , 0 , 0 , 0) |
| | Block Arki Total | | | | 73.960 | | | 0 | 195.15 | 130.10 | 325.25 | 3.86 | (0 , 0 , 0 , 0 , 0) |
| | Block- Murhu | | | | | | | | | | | | |
| 7 | - | H.L. BRIDGE OVER LOCAL NALA IN 9+585 KM. OF T07-RUGDI TO GODATOLI, MURHU (KHUNTI-CHAIBASA MAIN ROAD | Upgarde | -- | 38.640 | 0.000 | Complete | 0 | 147.22 | 98.15 | 245.37 | 1.84 | (0 , 0 , 0 , 0 , 0) |
| | Block Murhu Total | | | | 38.640 | | | 0 | 147.22 | 98.15 | 245.37 | 1.84 | (0 , 0 , 0 , 0 , 0) |
| | District Khunti Total | | | | 112.600 | | | 0 | 342.37 | 228.25 | 570.62 | 5.70 | (0 , 0 , 0 , 0 , 0) |
| | Long Span Bridge Proposals Total | | | | 112.600 | | | 0 | 342.37 | 228.25 | 570.62 | 5.70 | (0 , 0 , 0 , 0 , 0) |
| | Grand Total | | | | Total Road Length: 44.745 Kms Total LSB Length: 112.600 Mtrs | | | 82 | 2,640.60 | 2,102.61 | 4,743.21 | 310.15 | (27 , 23 , 13 , 9 , 72) |
| | | | | | | | | | | | | | |



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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) | MoRD Cost (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 | Khunti | 3 | 30.250 | 1,750.31 | 1,166.86 | 2,917.17 | 188.72 | (4, 3, 3, 3, 13) |
| 2 | Koderma | 1 | 6.595 | 80.14 | 395.64 | 475.78 | 46.49 | (15, 12, 6, 2, 35) |
| 3 | Palamu | 1 | 7.900 | 467.78 | 311.86 | 779.64 | 69.24 | (8, 8, 4, 4, 24) |
| | Roads Total | 5 | 44.745 | 2,298.23 | 1,874.36 | 4,172.59 | 304.45 | (27, 23, 13, 9, 72) |
| Long Span Bridge Proposals | | | | | | | | |
| 1 | Khunti | 2 | 112.600 | 342.37 | 228.25 | 570.62 | 5.70 | - |
| | Bridges Total | 2 | 112.600 | 342.37 | 228.25 | 570.62 | 5.70 | - |
| | Grand Total | 7 | Total Road Length: 44.745 Kms Total LSB Length: 112.600 Mtrs | 2,640.60 | 2,102.61 | 4,743.21 | 310.15 | (27, 23, 13, 9, 72) |


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