

File No. P-17024/18/2023-RC (E-384769)

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

Krishi Bhawan, New Delhi-110001

Dated: 21st December, 2023

To

**The Commissioner-cum-Secretary,
Public Works Department,
Government of Mizoram, Aizawl-796001**

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


Sir,

Kindly refer to the project proposal submitted by the State of Mizoram under PMGSY-III, Batch-I, 2023-24. The proposal was considered by the Empowered Committee in its meeting held on 18.07.2023. I am directed to convey that, on the basis of the recommendations of the Empowered Committee and compliance report submitted by the State, the Ministry hereby accords clearance of the proposal as per the summary given below: -

Items	Up-gradation roads	Total
Value in Rs Crore	562.70	562.70
No. of works	17	17
Length in km	487.50	487.50
Average cost per km/m (Rs. In Lakhs)	115.42	115.42
MoRD Share : Rs. 506.43 Crores		State Share : Rs. 56.27 Crores

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:
 - i. State will upload Design Stage Road Safety Audit reports of all the roads proposed more than 5 km length on OMMAS before tendering.
 - ii. 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.
 - iii. In case of Cold Mix Technology, State must ensure that emulsion is procured from the genuine source/reputed manufacturer. Purchase Voucher of emulsion submitted by contractor is verified for its authenticity before incorporation in the work and kept on record/ uploaded on OMMAS.

- iv. State should execute 25 mm thick MSS with cold mix in ongoing projects of PMGSY-I & II which are in BT stage under constant supervision STA/ PTA as decided in the meeting held on 30.11.2023.
- v. State should adopt the following steps to implement FDR technology: -
 - a. Finalization of Mix-Design by contractor, PIU and SRRDA/PMU/PMC in consultation with expert institutions such as IIT Guwahati /IIT Kharagpur & CRRI.
 - b. Construction of test Patch and its testing, and verification of outcome of mix design on each and every road before taking up construction of whole length.
- vi. State should ensure that the payment for execution of the roads where the stabilized bases are provided using FDR technology, is made only after verification of target UCS strength of stabilized layer achieved after 7 days based on cores taken from the pavement as per MoRD specifications.
- vii. State should use granular material sourced from shoulders, nearby borrow pits, or adjoining lengths if needed. The State was instructed to prepare mix designs for all three roads proposed with FDR technologies taking the help from STAs/PTAs before commencing the works.
- viii. State should engage a professional PMU/PMC for management, supervision and quality control of FDR works, as it would not be possible for the existing SRRDA setup to monitor it on day-to-day basis. State should also adopt UTTAM app created by UPSRRDA for monitoring FDR works.
- ix. State should ensure that there is no monopoly of any additive supplier. Chemical additive should be chosen according to soil type and site conditions. Proper transparent procurement and competition should be ensured by the state.
- x. In case of Panelled concrete roads, State shall ensure that initial dummy joint cutting of concrete is done within the permissible time limit as per relevant codal provisions and sound engineering practice to avoid development of haphazard cracks in the concrete. For this the state shall upload the geo-tagged photographs, video recording 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.
- xi. State shall ensure installation of GPS system in key machinery and equipment engaged during execution of road works under PMGSY-III (covered in the clearance letter and also previously ongoing works) in terms of instruction issued by NRIDA vide letter dated 31 st January, 2022.
- xii. 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.
- xiii. State shall ensure that corrected Proforma 'C ' duly signed by STA is uploaded on OMMAS before tendering.
- xiv. State should ensure IRC codes are duly followed while executing all the technologies. NRIDA should bring out the detailed technical guidelines for execution of 25 mm thick MSS (Hot/Cold Mix) as applicable within 30 days of the issue of clearance letter.
- xv. 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.
- xvi. 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.


DEVINDER KUMAR
Director
Government of India
M/o Rural Development
Krishi Bhawan, New Delhi

- xvii. 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.
- xviii. State should ensure IRC codes are duly followed while executing all the technologies. NRIDA should bring out the detailed technical guidelines for execution of 25 mm thick MSS (Hot/Cold Mix) as applicable within 30 days of the issue of clearance letter.
- xix. The state should enter 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.
- xx. 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 PMGSY-III.

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

Encl: OMMAS-based road list with District wise abstract.

Yours faithfully,



(Devinder Kumar)

Director (RC)

Tel: 011-23070129

Government of India
M/o Rural Development
Krishi Bhawan, New Delhi

Copy to:

PS to Hon'ble Minister (RD)/PPS to Hon'ble MoS (RD)/PSO to Secretary (RD)/PS to JS&FA(RD)/ PPS to JS(RC)

Copy also to:

- i. Chief Executive Officer-cum-Engineer-in-Chief, Mizoram Rural Road Development Agency, Aizwal-796001
- ii. Director (Technical), NRIDA with a request to ensure compliance on the conditions 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.

Pradhan Mantri Gram Sadak Yojana

Road List for attachment with Sanction Letter - District Wise Abstract

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

Sr.No.	District	No of Works	Road Length (Kms) / Bridge Length (Mtrs)	MoRD / MHA 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	Aizawl	3	63.954	5,689.38	632.16	6,321.54	710.58	(4, 3, 1, 1, 9)
2	Champhai	4	94.640	9,301.72	1,033.52	10,335.24	866.64	(6, 2, 1, 0, 9)
3	Kolasib	1	6.120	416.96	46.33	463.29	39.54	(0, 1, 1, 0, 2)
4	Lawngtlai	1	29.100	3,928.95	436.55	4,365.50	554.30	(3, 2, 3, 0, 8)
5	Lunglei	3	131.500	15,283.29	1,698.14	16,981.43	1,586.17	(5, 4, 4, 0, 13)
6	Mamit	3	111.310	10,394.44	1,154.94	11,549.38	1,033.31	(5, 6, 5, 0, 16)
7	Serchhip	2	50.880	5,628.72	625.42	6,254.14	731.55	(2, 3, 1, 0, 6)
	Roads Total	17	487.504	50,643.46	5,627.06	56,270.52	5,522.09	(25, 21, 16, 1, 63)
	Grand Total	17	Total Road Length: 487.504 Kms Total LSB Length: Mtrs	50,643.46	5,627.06	56,270.52	5,522.09	(25, 21, 16, 1, 63)

DEVINDER KUMAR
Director
Government of India
M/o Rural Development
Krishi Bhawan, New Delhi

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

Sanction Letter No : P-1/7024/18/2023-RC Sanction Date : 21/12/2023

State : Mizoram 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 / MHA 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- Aizawl													
Block- Aibawk													
1	MRL02	MRL02-Sateek-Samlukhai-Salsuk	Upgarde	--	30.710	3.000	Complete	8	2,328.59	258.73	2,587.32	231.25	(2, 1, 1, 1, 5)
		Block Aibawk Total			30.710			8	2,328.59	258.73	2,587.32	231.25	(2, 1, 1, 1, 5)
Block- Thingsuthliah													
2	MRL09	MRL09-Saitual-Phullen	Upgarde	Cold Mix Technology (18.130),	18.130	5.500	Complete	1	2,177.69	241.97	2,419.66	309.60	(1, 0, 0, 0, 1)
		Block Thingsuthliah Total			18.130			1	2,177.69	241.97	2,419.66	309.60	(1, 0, 0, 0, 1)
Block- Tianguam													
3	MRL01	MRL01-Hilmen-Samtlang-Lungleng	Upgarde	Cold Mix Technology (15.114),	15.114	3.000	Complete	0	1,183.10	131.46	1,314.56	169.73	(1, 2, 0, 0, 3)
		Block Tianguam Total			15.114			0	1,183.10	131.46	1,314.56	169.73	(1, 2, 0, 0, 3)
		District Aizawl Total			63.954			9	5,689.38	632.16	6,321.54	710.58	(4, 3, 1, 1, 9)
District- Champhai													



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)	MoRD / MHA 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- Khawbung													
4	MRL08	MRL08-Khuangleng-Sesih-Lianpu	Upgarde	Cold Mix Technology (16.970),	16.970	3.000	Complete	4	1,253.72	139.30	1,393.02	97.75	(2, 1, 0, 0, 3)
Block Khawbung Total													
					16.970			4	1,253.72	139.30	1,393.02	97.75	(2, 1, 0, 0, 3)
Block- Khawzawl													
5	MRL01	MRL01-Kawlkulh-Lungpho (Upto Rullam)	Upgarde	Panelled Cement Concrete (3.555),	39.500	3.000	Complete	55	3,715.98	412.89	4,128.87	354.36	(2, 0, 1, 0, 3)
6	MRL02	MRL02-Champhai-Hmumhmeltha-N Khawbung	Upgarde	Cold Mix Technology (14.170),	14.170	3.000	Complete	3	1,042.14	115.79	1,157.93	106.85	(1, 1, 0, 0, 2)
Block Khawzawl Total													
					53.670			58	4,758.12	528.68	5,286.80	461.21	(3, 1, 1, 0, 5)
Block- Ngopa													
7	MRL07	MRL07-Kawlkulh-N.E Bualpu	Upgarde	Cold Mix Technology (24.000), (FDR) Cement stabilization (24.000),	24.000	5.500	Complete	82	3,289.88	365.54	3,655.42	307.68	(1, 0, 0, 0, 1)
Block Ngopa Total													
					24.000			82	3,289.88	365.54	3,655.42	307.68	(1, 0, 0, 0, 1)
District Champhai Total													
					94.640			144	9,301.72	1,033.52	10,335.24	866.64	(6, 2, 1, 0, 9)
District- Kolasib													

DEVINDER KUMAR

Director

Government of India
M/o Rural Development
Krishi Bhawan, New Delhi

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)	MoRD / MHA 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- Thingdawl											
8	MRL 11	MRL 11-Khamrang-Mualkhang	Upgarde	Cold Mix Technology (4.870),	6.120	3.000	Complete	2	416.96	46.33	463.29	39.54	(0, 1, 1, 0, 2)
		Block Thingdawl Total			6.120			2	416.96	46.33	463.29	39.54	(0, 1, 1, 0, 2)
		District Kolasib Total			6.120			2	416.96	46.33	463.29	39.54	(0, 1, 1, 0, 2)
		District- Lawngtlai											
		Block- Lawngtlai											
9	MRL02	MRL02-Diltiang-Chawngte P	Upgarde	Panelled Cement Concrete (11.405),	29.100	3.750	Complete	89	3,928.95	436.55	4,365.50	554.30	(3, 2, 3, 0, 8)
		Block Lawngtlai Total			29.100			89	3,928.95	436.55	4,365.50	554.30	(3, 2, 3, 0, 8)
		District Lawngtlai Total			29.100			89	3,928.95	436.55	4,365.50	554.30	(3, 2, 3, 0, 8)
		District- Lunglei											
		Block- Bunglei											
10	T01	T01-Phairuang - Thenhlum	Upgarde	Panelled Cement Concrete (0.692),	16.230	3.750	Complete	31	1,387.36	154.15	1,541.51	163.97	(0, 0, 1, 0, 1)
		Block Bunglei Total			16.230			31	1,387.36	154.15	1,541.51	163.97	(0, 0, 1, 0, 1)

DEVINDER KUMAR

Director

Government of India
M/o Rural Development
Krishi Bhawan, New Delhi

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)	MoRD / MHA 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- Lunglei													
11	MRL04	MRL04-Lunglei-Kawthawk-Buarpoi Road	Upgrade	Panelled Cement Concrete (2.540), (FDR) Cement stabilization (63.960),	66.500	3.750	Complete	81	8,019.18	891.02	8,910.20	817.48	(1, 2, 2, 0, 5)
Block Lunglei Total													
Block- Lungsen													
12	T03	T03-Phaituang - Thenhlum	Upgrade	Panelled Cement Concrete (4.295),	48.770	3.750	Complete	151	5,876.75	652.97	6,529.72	604.72	(4, 2, 1, 0, 7)
Block Lungsen Total													
District Lunglei Total													
District- Mamit													
Block- Reiek													
13	T02	T02-Rawpuichhip-Buarpoi	Upgrade	(FDR) Cement stabilization (77.270),	77.270	3.750	Complete	47	6,824.70	758.30	7,583.00	689.64	(2, 3, 5, 0, 10)
Block Reiek Total													
Block Reiek Total													



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)	MoRD / MHA 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- Zawlnuam													
14	MRL04	MRL04-Moroichera (Luimawi)-Lushaichera (Thinghlu)	Upgarde	Cold Mix Technology (9.840),	9.840	3.000	Complete	15	801.38	89.04	890.42	92.00	(1, 0, 0, 0, 1)
15	T01	T01-Bairabi-Zamuang	Upgarde	Cold Mix Technology (24.200),	24.200	5.500	Complete	0	2,768.36	307.60	3,075.96	251.67	(2, 3, 0, 0, 5)
		Block Zawlnuam Total			34.040			15	3,569.74	396.64	3,966.38	343.67	(3, 3, 0, 0, 6)
		District Mamit Total			111.310			62	10,394.44	1,154.94	11,549.38	1,033.31	(5, 6, 5, 0, 16)
District- Serchhip													
Block- Serchhip													
16	MRL03	MRL03-Khawialung-Himunzawl-Lungpho	Upgarde	Panelled Cement Concrete (6.670),	39.040	3.000	Complete	60	4,346.89	482.99	4,829.88	569.51	(2, 1, 1, 0, 4)
17	MRL04	MRL04-Kawikuh-Lungpho-Ngentiang	Upgarde	Panelled Cement Concrete (0.285),	11.840	3.000	Complete	24	1,281.83	142.43	1,424.26	162.04	(0, 2, 0, 0, 2)
		Block Serchhip Total			50.880			84	5,628.72	625.42	6,254.14	731.55	(2, 3, 1, 0, 6)
		District Serchhip Total			50.880			84	5,628.72	625.42	6,254.14	731.55	(2, 3, 1, 0, 6)
		Road Proposals Total			487.504			653	50,643.46	5,627.06	56,270.52	5,522.09	(25, 21, 16, 1, 63)
		Grand Total			Total Road Length: 487.504 Kms			653	50,643.46	5,627.06	56,270.52	5,522.09	(25, 21, 16, 1, 63)
		Total LSB Length: Mtrs											

