

Progress on Scheme for Promoting the Usage of Geotechnical Textiles in North East Region (NER) as on 01.09.2017

Ministry of Textiles, Government of India has launched a Scheme for Promoting Usage of Geotechnical textiles in North Eastern Region in the 12th five year plan with an outlay of Rs. 427 crore for a period of 5 years from 2014-15 to 2018-19. The aim is to utilize Geotextiles in development of the infrastructure of the NE states by providing technological and financial support by meeting additionality in project cost due to the usage of Geotextiles in existing/ new project in road, hill/ slope protection and water reservoir. The Scheme was approved on 03rd December 2014 & launched on 24.03.2015.

Geo-climatic and topographic characteristics in NER make infrastructure in this region amenable to the use of geotechnical textiles. The region is fraught with heavy rainfall, fragile terrain, landslides and sinking zones, river bank erosion, high seismic activity, weak soil conditions, young mountains, and problems in water harvesting and storage. The North Eastern Region of India is yet to adopt this innovative technology, barring a few roads in Assam, which were taken-up as pilot projects under PMGSY.

The scheme has the following basic objectives

- i. To demonstrate use of geotechnical textiles as a modern cost-effective technology in the development of infrastructure in fragile geological conditions of NER;
- ii. To improve the durability, function and life of infrastructure in NER, while bringing down the life cycle cost of the projects;
- iii. To promote the use of geotechnical textiles material and create a market for these products in the NER by inducing demand in infrastructure development;
- iv. To stimulate investment and development of technical textile industry in the NER and rest of the country.

The scheme envisages the following components:

- (i) Component -I (Hard interventions) with a total outlay of Rs 374 Cr
- (ii) Component –II (Soft Interventions) with a total outlay of Rs 43 Cr
- (iii) Component-III (Administrative Expenses) (Rs 10 Cr)

Physical Progress: The overall performance & physical progress of all NER states under the scheme have been tabulated state wise as under:

S. No.	Name of the Project	Date of approval AMC/EC	Approved Cost by EC/AMC	Status
Manipur				
Road Projects				
1.	Imphal Airport Road	1st EC- 09.06. 2015	14500000	Completed & Rs.1,16,13,228/- released. (Rs.91,82,800/- on 31.03.2015 and Rs. 24,30,428/- on 10.08.2016.)
2.	Bishnupur-Nungba Road (7 stretches of Road of different length, 26 stretches for slope stabilization and 1 reinforced soil structure	4th EC- 24.06. 2016	168220000	The Projects are being executed and Rs. 6,73,02,000/- released on 30.12.2016 to the NEC-II Division, PWD, Manipur as first 50% of the payment
3.	Construction of Road Moirang Kumbi Road to Kumbi Kangjeibung under Bishnupur District.	3rd EC- 05.02. 2016	1718750	The Projects of 9 Road works of PMGSY under MSRRDA, Manipur are being executed and Rs. 1,19,89,724/- released on 23.08.2016 to Manipur State Rural Roads Development Agency (MSRRDA), Manipur as first 50% of the payment.
4.	Construction of Road from Nongangkhang (NH-39 Arongthong) to Keibung in Thoual District.		7053750	
5.	Construction of Road from Kumbi Road to Terakhongsangbi in Bishnupur District.		4228125	
6.	Construction of Road from Khudrakpam to Taorem in Imphal District.		5623311	
7.	Construction of Road from Ngairangbam to Tanaokhul under Imphol West District.		3732300	
8.	Construction of Road from NH – 39 to Loukhamayon in Thoubal District.		1658800	
9.	Construction of Road from T04 to Lamsang Khunou in Imphal west District.		2076250	
10.	Construction of Road from Haorangsobel to Harangkeirel in Imphal West District.		2378750	
11.	Construction of Road from		2902900	

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	T07/0.7 to CEDT & CHC in Imphal East District.			
Sub-Total			214092936	
Water reservoirs				
12.	Sacred Heart School	1st EC- 09.06. 2015	1398500	Twice tenders floated however no bids received. ATIRA has now recommended that these two projects may be dropped due to poor response in tender. The Projects of 9 water reservoir are being executed and Rs. 73,97,625/- released on 06.10.2016 to the DCAD, Government of Manipur under DCAD, Manipur as first 50% of the payment.
13.	Shokvao Village		1455000	
14.	Improvement of water reservoir at Oksongbung, Bishnupur district, Manipur	3rd AMC- 30.12. 2015	1425000	
15.	Improvement of water reservoir at Andro Makha Leikai, Imphal East district, Manipur		2790600	
16.	Improvement of water reservoir at Leishangthem East, Thoubal district, Manipur		2394000	
17.	Improvement of water reservoir at Kadangband Part II, Imphal West district, Manipur		3044685	
18.	Improvement of water reservoir at Konpui, Churachandpur district, Manipur		1453500	
19.	Improvement of water reservoir at Langoi Khunphi Loukol, Chandel district, Manipur		1254000	
20.	Improvement of water reservoir at Kasa Lui, Ukhrul district, Manipur		1254000	
21.	Improvement of water reservoir at Bungte, Senapati district, Manipur		1767000	
22.	Improvement of water reservoir at Lenglong, Tamenglong district, Manipur		712500	
Sub-Total			18948785	
Slope stabilisation				

S. No.	Name of the Project	Date of approval AMC/EC	Approved Cost by EC/AMC	Status
23.	Slope stabilization with Jute Geotextiles at Kangla outer Moat, Khongjam	3 rd AMC- 30.12. 2015	454500	Project execution by IJIRA.
24.	Tourist Circuit Manipur-Imphal- Moirang-Khongjam-Moreh (Canal/ Water reservoirs)	4 th EC- 24.06. 2016	14707500	Awaiting approval of High Tender Committee, Govt of Manipur
25.	Slope stabilization with Jute Geotextiles at 400 KV substation at Thoubal, Khunao,	4 th AMC- 25.05. 2016	1236500	Project execution by IJIRA.
Sub-Total			16398500	
Total - Manipur			249440221	
Tripura				
Road Projects				
26.	Road from Kholabari to Jharnatilla via talab bazaar under Mohanpur division	3 rd AMC- 30.12. 2015	2139250	The Projects are being executed and Rs. 8,76,125/- released on 02.12.2016 to Govt. of Tripura as first 50% of the payment.
Sub-Total			2139250	
Water reservoirs				
27.	water reservoir at Bhagatsingh hostel in Agartala	4 th EC- 24.06. 2016	2819700	The Projects are being executed and Rs. 13,72,890/- released on 20.06.2017 to Govt. of Tripura as first 50% of the payment.
28.	water reservoir at Women College in Arartala	4 th EC- 24.06. 2016	3770000	The Projects are being executed and Rs. 18,33,875/- released on 20.06.2017 to Govt. of Tripura as first 50% of the payment
Sub-Total			6589700	
Total -Tripura			8728950	
Arunachal Pradesh				
29.	Construction of retaining wall at NIT, JOTE	4 th AMC- 25.05. 2016	9672000	Rs 9672000 approved by AMC. Tendering Process was to be initiated. Project not taken up due to not obtaining approval from NIT for using geotextiles.
Total – Arunachal Pradesh			9672000	
Meghalaya				

S. No.	Name of the Project	Date of approval AMC/EC	Approved Cost by EC/AMC	Status
30.	Shillong- Nongstoin Road	4 th EC- 24.06. 2016	49532000	The Projects are being executed and Rs. 1,10,02,025/- released on 30.12.2016 to the P.W.D.(Roads), NH Division, Shillong, Govt. of Meghalaya as first 50% of the payment
31.	Improvement, Mettalling & Black Topping of Balat-Bagli Road leading towards the proposed Border Haat, Mawsynram Division Meghalaya (3.682 Km)	5 th EC - 19.12. 2016	19050000	The Projects are being executed and Rs. 89,46,750/- released on 22.08.2017 to the P.W.D.(Roads), NH Division, Shillong, Govt. of Meghalaya as first 50% of the payment
Total-Meghalaya			68582000	
Mizoram				
32.	Improvement &Upgradation of Chhumkhum to Chawngte (KM 0+000 to KM 41+530) Road under PWD, Mizoram	5 th EC - 19.12. 2016	256500000	The Projects are being executed and a total of Rs. 8,58,00,550/- (Rs. 6,89,02,073/- on 23.03.2017 & Rs. 1,68,98,477/- on 22.08.2017) released to P.W.D. Mizoram as first 50% of the payment.
33.	Improvement &Upgradation of Serchip to Sialsuk (KM 0+000 to KM 15+000) &Serchip to Buarpui (KM 0+000 to KM 40+000) Road, PWD, Mizoram.		208820000	Supply order of Rs. 13,40,19,500/- is provided by PWD Mizoram. Decision on Cost escalation will be placed before forthcoming AMC meeting.
34.	Improvement &Upgradation of Champhai – Zokhawthar Road, PWD, Mizoram.		194860000	The Projects are being executed and Rs. 6,21,37,500/- released on 22.08.2017 to P.W.D. Mizoram as first 50% of the payment.
Total – Mizoram			660180000	
Total approved amount			996603171	

Project Name	Approved by	Date	Amount
The Project for the year 2010-2011	[Signature]	15/10/2010	100000
The Project for the year 2011-2012	[Signature]	15/10/2011	100000
The Project for the year 2012-2013	[Signature]	15/10/2012	100000
The Project for the year 2013-2014	[Signature]	15/10/2013	100000
The Project for the year 2014-2015	[Signature]	15/10/2014	100000
The Project for the year 2015-2016	[Signature]	15/10/2015	100000