



D.O: NRRDA-P010 (12)/2/2024-Dir (Tech)

12th December, 2024

Madam/Sir,

This is in continuation of letter No NRRDA- P010 (12)/1/2016-Tech dated 11th November, 2016 from Joint Secretary (RC) & DG, NRIDA enclosing a joint letter from Secretary (Rural Development) and Secretary (Textiles), Government of India regarding promoting use of Jute Geo Textiles in the rural roads constructed under PMGSY (Copy of the letter attached).

Further, on February 28, 2024, the National Jute Board (NJB) and the National Rural Infrastructure Development Agency (NRIDA) entered into a Memorandum of Understanding (MoU) to facilitate the adoption of Jute Geotextiles (JGT) in various construction projects undertaken by NRIDA. This partnership aims to promote the use of JGT as a sustainable and environment friendly alternative in infrastructure development.

Jute Geo Textiles (JGT) is environment friendly, and helps in strengthening the soil and facilitating the drainage which is one of the most important parameters for sustainability of roads. Also, para 4.2 (h) of Vision Document on New Technology Initiatives & Guidelines-2022, it has been mentioned that "jute -Geo textile/Coir and similar such locally available materials shall be used for slope protection in hilly areas and other areas, where improvement of characteristics of sub-grade, embankments, shoulders etc. may be required". Indian Roads Congress (IRC) has also published detailed guidelines titled 'Guidelines for the Design and Construction of Low Volume Rural Roads using Jute Geo-textiles IRC:SP:126-2019', which can be used for PMGSY roads as well.

In view of the above, States/UTs may use Jute Geo Textiles, in their upcoming proposals under PMGSY-IV and other verticals of PMGSY on pilot basis wherever feasible (in protection of slopes and in high embankments and hill slopes, as per the Vision Document on New Technology Initiatives & Guidelines-2022, preferably in those States/UTs where Jute is either available locally or from neighbouring states. Further, States/UTs may also fetch the information regarding use and implementation of Jute Geo Textile through the website of National Jute Board www.jute.com. For additional details/ queries, States/UTs may contact Shri Mahadev Dutta, Joint Director National Jute Board, Mobile: 9830827323.

With regards,

Yours sincerely

(Amit Shukla)

To,

Additional Chief Secretary/ All Principal Secretary/ Secretary, in-charge of PMGSY implementing Departments in the States/UTs.

Copy to : All CEOs/ Engineer-in-Chief/ Chief Engineers of Departments implementing PMGSY in the States/UTs