Report on visit to Birbhum by P.K.Choudhry for providing installation guidance of JGT on 13.04.2017 in rural road construction under PMGSY.

As a follow up on the decision taken in a meeting held at JC office on 28.02.2017 IJIRA, IJMA,IJT & NIRJAFT were approached by E-mail dated 16th March with a request to send the name of their representative / expert to from a committee for providing installation guidance at site and any other technical input related to JGT to the engineers / agencies in WB. But no positive response was received from any of the organizations in spite of reminder.

On request of the executive engineer of P & RD, Birbhum followed by approval of the Secretary, NJB Sri P.K.Choudhury visited Bolpur, Birbhum for the above mentioned purpose on 12 .04.17. Out of 61 PMGSY roads in WB sanctioned to construct with JGT, Birbhum district alone has 36 roads. The Barasat pitch road to Patisaria road in Nanoor Block is the first road under the present scheme where installation procedure of JGT was demonstrated by Sri Choudhury on 13/04/2017. A detail discussion was held in a meeting with the EE and AEs on 12.04.2017 at Bolpur regarding organizing the demonstration program effectively. As initiated by WBSRDA and the district Executive Engineer all the agencies, SAEs, AEs, Purta Karmadhakhya and many of the stake holders, totaling more than 35 persons were present during demonstration at site.

724 gsm woven JGT of 100 cm wide supplied by Shyamnagar Jute Mills in the form of roll was visually inspected and apparently found to be in order excepting presence of some minor fabric faults like, dent mark, missing warp etc. which were brought to the notice of mill authority from the site itself. Five no. of rolls of JGT were laid side by side with an overlap of 10 cm on the pre-compacted sub-grade overlain by 25 mm thick sand cushion. 30 cm longitudinal overlap of fabric was given and the overlap portions were fixed to the ground using inverted “U” shape wire gauge as per BOQ. 150 mm thick GSB III (40 % stone dust and 60 % grid) was laid over JGT and compacted by roller. The user agencies present at site were instructed to take special care regarding storing of material at site and also suggested them to complete at least WBM layer before onset of monsoon where JGT is being laid.

During demonstration all most all the agencies and engineers asked lot of questions about the role of JGT in such application. After getting satisfactory answers of their queries including installation procedure they expressed their views about their confidence to install the material in future. The Executive Engineer expressed his gratitude to NJB for providing such services including the support they are getting from NJB regarding procurement and testing of JGT.

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