

GOVERNMENT OF MANIPUR
RURAL ENGINEERING DEPARTMENT
MANIPUR STATE RURAL ROADS DEVELOPMENT AGENCY
QUOTATION

Imphal, Dated: 16th February, 2018

No. ACE-I/RED-GTX/2017-18/01: Sealed item rate quotations are invited on behalf of the Governor of Manipur by the Additional Chief Engineer-I, RED/MSRRDA, Manipur from approved and eligible bidders/firms for the following 14 (fourteen) works up to 3.30 p.m. of 23.02.2018 and the same will be opened on the same day at 4.00 p.m. in the office of the undersigned in presence of the bidders or other authorized agents/representatives. In the event of the date being declared as a closed holiday, the same will be opened on the next working date.

Time Allowed = 1 (one) month

Sl No.	Name of Project	Item of works	Estimated Amount (Rs.)	Earnest Money Deposit (EMD) 2% of Estimated amount (Rs.)
1.	Strengthening of Pavement using Jute Geotextiles in the project Proposed Construction of Roads from "Ekou Bazar to Sadu Yengkhumman" Imphal East District under PMGSY-Phase-X 5.00 Km. PACKAGE NO. MN0441	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextiles, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	30,90,000.00	62,000.00
2.	Strengthening of Pavement using Jute Geotextiles in the project Proposed Construction of Roads from "Saikul Road to Hangoipal" Imphal East District under PMGSY-Phase-X 2.50 Km. PACKAGE NO. MN0442	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextile, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	15,50,000.00	31,000.00
3.	Strengthening of Pavement using Jute Geotextiles in the project Proposed Construction of Roads from "Yumnam Khunou to Sinamkom" Imphal East District under PMGSY-Phase-X 2.07 Km. PACKAGE NO. MN0443	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextiles, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	12,80,000.00	26,000.00
4.	Strengthening of Pavement using Jute Geotextiles in the project Proposed Construction of Roads from "NH-39 to Urup" Imphal East District under PMGSY-Phase-X 4.10 Km PACKAGE NO. MN0451	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextiles, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	25,40,000.00	51,000.00
5.	Strengthening of Pavement using Jute Geotextiles in the project Proposed Construction of Roads from "NH-39 to Chajing Karam" Imphal West District under PMGSY-Phase-X 4.40 Km PACKAGE NO. MN0537	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextiles, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	25,30,000.00	51,000.00
6.	Strengthening of Pavement using Jute Geotextiles in the project Proposed Construction of Roads from "Waikhom Leikkai to Lilando Lampak" Imphal West District under PMGSY-Phase-X 2.35 Km PACKAGE NO. MN0538	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextiles, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	13,40,000.00	27,000.00
7.	Strengthening of Pavement using Jute Geotextiles in the project "Proposed Construction of Roads from "Leishangthem to AshemLeikei" in Thoubal District under PMGSY-Phase-X, 3.00 Km PACKAGE NO. MN0850	<i>Woven Jute Geotextiles for Road construction Cost of Jute Geotextiles, 100 cm wide woven Jute Geotextiles (JGT) 724 gsm (+10%, -5% tolerance)</i>	18,60,000.00	37,000.00

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8.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road IT Road (Genel) to Kuilong III Pt. I, in Tamenglong District 10 Km (25.00Km to 35.00Km) PACKAGE NO. MN0769.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 2400 meter length and 10 meter slope height</i>	14, 88, 000.00	30,000.00
9.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road IT Road (Genel) to Kuilong III Pt. II, in Tamenglong District 10 Km (35.00Km to 45.00Km)". PACKAGE NO. MN0778.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 3500 meter length and 10 meter slope height</i>	22, 20, 000.00	44,000.00
10.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road Tamei to Atang Khunou Pt II, in Tamenglong District, 10 Km (10.00Km to 20.00Km)" PACKAGE NO. MN07106.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 2250 meter length and 15 meter slope height</i>	21, 00, 000.00	42,000.00
11.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road T03 to Lukhambi, in Tamenglong District, 6.60Km. PACKAGE NO. MN07116.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 1815 meter length and 15 meter slope height</i>	17, 22, 000.00	34,000.00
12.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road T02 to Bark Waterfall, in Tamenglong District, 10.50km PACKAGE NO. MN07117.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 4000 meter length and 10 meter slope height</i>	25, 20, 000.00	50,000.00
13.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road Rishophung to Kamlaching, in Senapati District, 10.0km. PACKAGE NO. MN06257.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 2860 meter length and 10 meter slope height</i>	18, 00, 000.00	36,000.00
14.	Slope Stabilization and protection of soil erosion using jute Geotextile on the road Harup Khopi to Rajathar, in Senapati District, 4.0km PACKAGE NO. MN06267.	<i>Cost of 500 GSM open weave JGT and installation work over prepared slope, preferably at an angle of internal friction, with proper overlap and anchoring for a stretch of 1400 meter length and 15 meter slope height</i>	13, 20, 000.00	26,000.00



Properties of 724gsm woven JGT

Construction / Parameters	D W Plain for use in rural road
Width (cm)	100 - 200 cm
Weight (gsm) at 20 % MR	724 (- 5%, + 10%)
Tensile strength (kN/m) MD x CD	≥ 25 X 25
Ends X Picks / dm	≥ 94 X 39
Thickness (mm)	1.85 (± 10%)
Elongation at break (%) MD X CD	≤ 12 X 12
Puncture Resistance (kN)	0.500 (± 10%)
Burst Strength (KPa)	3500 (± 10%)
Permittivity at 50 mm const. head (/s)	350 x 10 ⁻³ (± 10%)
A.O.S. (Micron) O95	150 - 400


Properties of Jute Geotextile for Slope Stabilization

Construction	Open weave jute geo textiles (soil saver)
Width (cm)	≥ 122 cm
Weight (gsm) at 20% MR	500 (-5%, +10%)
Ends X Picks / dm	≥ 6.5 X 4.5
Thickness (mm)	4.50 (± 10%)
Wide width Tensile strength (kN/m) MD X CD	≥ 6.5 X 6
Elongation at break (%) MD X CD	≤ 14 X 14
Open Area (%)	50 - 65
Water Holding Capacity (%) on dry weight	450 - 500

Terms and Conditions:

1. The price quoted should be written both in figure and words.
2. Cost of form for each project is Rs. 1500/- in the form of Demand Draft (DD) in favour of Chief Engineer, RED/MSRRDA payable at SBI Secretariat Branch, Imphal has to be submitted along with the tender paper
3. Earnest Money of 2% of the estimated cost in the form of Demand Draft (DD) in favour of Chief Engineer, RED/MSRRDA payable at SBI Secretariat Branch, Imphal has to be submitted along with the tender paper.
4. The price quoted should be inclusive of all taxes/cess or any other applicable taxes for FOR Imphal.
5. Payment of 50% of quoted rate will be made after issue of supply order against the Deposit of Bank Guarantee as Security Deposit (SD) for the said amount after release of funds by the Ministry, Government of India and remaining 50% after completion of the project certified by IJIRA and Concerned Engineer.
6. Any dispute or claim which cannot be settled amicably shall be governed by the laws of the Union of India. The venue of adjudication/ arbitration shall be at Imphal.
7. Preference will be given to the reputed suppliers/firms who had already supplied similar materials under the scheme.

The undersigned does not bind himself to accept the lowest supplier and reserves himself the right of opening supply quotation and to reject any/all supply quotations without assigning any reason thereof. All the sealed quotations shall be submitted to the following address by speed post or in person before the due date:

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L. Brojendra Singh

ACE-II/RED/MSRRDA, Manipur

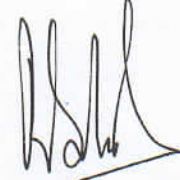
Secured Office Complex, North AOC, A.T. Line Imphal
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Contact No. +91 9436022274/ +91 9862027920
Email: brojen33@yahoo.co.in

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Endt No. ACE-I/RED-GTX/2017-18/01

Dated, Imphal 16th February, 2018

1. The PPS to Hon'ble Minister (RD&PR), Manipur
2. The S.O. to Chief Secretary, Government of Manipur
3. The Jute Commissioner, MoT, Govt. of India
4. The PS to Principal Secretary (RD&PR), Government of Manipur.
5. The Director, IJIRA, Kolkata
6. The Chief Engineer, RED(MSRRDA), Manipur
7. The Officer i/c NERC, IJIRA, Guwahati
8. The Superintending Engineer (PIg) & SE-I,II,III,OSD-I&II, RED, Manipur
9. All concerned PIUs under RED/MSRRDA, Manipur
10. Official website: www.msrrda.org
11. File concerned
12. Notice Board



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ACE-I/RED (MSRRDA), Manipur

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