

eProcurement System Government of India Created By: TIRTHA ROY Created Date/Time: 23-Jul-2024 11:09 AM Tender Title: Restoration of damaged component of pavement at different stretches in between 31.50 Km to 49.90 Km of NH 10 damaged due to Flash Flood on 4th October 2023 under N.H. Division No.IX in the District of Kalimpong during the year 2023-24 - 2nd call. Tender ID: 2024_MoRTH_810085_1

Tender Inviting Authority: Superintending Engineer, National Highway Circle No-III, P.W(Roads) Directorate, Government of West Bengal.

Name of Work: Restoration of damaged component of pavement at different stretches in between 31.50 Km to 49.90 Km of NH-10 damaged due to Flash Flood on 4th October '2023 under N.H. Division No.IX in the District of Kalimpong during the year 2023-24 - 2nd call.

Contract No: WBPW_Rd/SE/NHC3/eNIB-1/24-25

SCHEDULE OF WORK / ITEM(S)										
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	PASANG LAMA AND SONS (GSTN-19AALHP3795G1ZJ) BID ID -3046055		SANTOSH TAMANG(GSTN-NA)--3045803		M/S KRISHNA GUPTA(GSTN-NA)--3046132	
					Rate	Amount	Rate	Amount	Rate	Amount
1.00	Bill of Quantities in Details									
1.01	Water Mix Macadam : Providing, laying, spreading and compacting graded stone aggregate conforming to the grading of Table 400-13 revised vide Table 2 of IRC :109 (2015) to Wet Mix Macadam specification including pre mixing the materials with water at OMC in Mechanical mix Plant carrying of mixed materials by tripper to site.Laying in uniform wet paver on sub base/base course on wel prepared surface and compacting with vibratory roller to achieve the desired density.The thickness of a single compacted layer shall not be less then 75 mm. (Reference to MORTH'S specification 406). With North Bengal Variety Stone Aggregate	950.00	cum		3338.00	3171100.00	3300.00	3135000.00	3371.20	3202640.00
1.02	Providing and applying primer coat with Cationic bitumen emulsion (SS1) grade conforming to IS:8887 on prepared porous granular surface including clearing of road surface and spraying primer using mechanical means (Reference to MORT&H's specification clause 502). On WMM surface @ 0.85 Kg/Sqm	4490.00	sqm		75.00	336750.00	75.00	336750.00	107.80	484022.00
1.03	Providing and applying tack coat with Cationic Bitumen Emulsion (RS1) complying with IS:8887 using Emulsion pressure distributor on prepared bituminous/granular surface cleaned with mechanical broom and high pressure air jet at the rate of 0.25 kg/sqm. (Reference to MORT & H's Specification clause 503).	4610.00	sqm		26.00	119860.00	25.00	115250.00	20.58	94873.80

L1 Amount	L1 Vendor
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3135000.00	SANTOSH TAMANG
336750.00	SANTOSH TAMANG, PASANG LAMA AND SONS
94873.80	M/S KRISHNA GUPTA

1.04	Providing and laying dense graded bituminous macadam with 100-120 TPH batch type HMP using crushed aggregates of specified grading, premixed with bituminous binder of approved grade @4.0% (min.) for 4.5% (min) for Grading-2 by weight of total mix and filler (Cement/hydrated lime/Rock dust) as per table 500-10 and mix designed one as per table 500-1 and job mix formula as per clause 505.3.3 transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory tandem roller and with pneumatic tyre roller of 12 to 15 ton weight with a pressure at least 0.56MPa as directed by E-I-C, and to achieve the desired compaction as per MORT&H specification clause No.505.3.5 complete in all respects (Reference to MORT&H's specification clause 505). For Grading 2 (26.5 mm nominal maximum aggregate size) Layer Thickness 50mm. Using Pakur Stone Aggregates and VG-40 Bitumen	230.50	cum
1.05	Providing and laying 25 mm thick mastic asphalt wearing course with approved grade bitumen meeting the requirements given in table 500-39, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of 13.2mm nominal size at the rate of 0.005 cum/sqm and at an approximate spacing of 10 cm centre to centre in both direction, pressed into surface when the temperature of surface is not less than 100 °C, protruding 1mm to 4mm over mastic surface, all complete as per clause 516 (Ref. to MORT&H's specification clause 516 along with IRC :107) Using Pakur Stone Aggregates and VG-40 Bitumen.	5520.00	sqm
1.06	Supplying & fixing of Raised Pavement Markers/Road Studs/Cats Eye made of polycarbonate moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face which shall support a load of 13635 kg tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MoR&TH Circular No. RW/NH/33023/10-97 - DO III Dt. 11.06.1997 & MoRT&H's specification for Road & Bridge Works (Fifth Rev.). Marker height shall not be less than 10 mm and shall not exceed 20 mm, width shall not exceed 130mm and with minimum reflective area of 13 sqcm on each side and slope to the base shall be 35 ± 5 degree. Fixing will be without nails but by using epoxy resin based adhesive as per manufacturer's recommendation including site clearance etc and complete as directed by the Engineer in Charge. The contractor will have to provide a test certificate from a reputable national/international laboratory conforming the above specifications.	216.00	Each

15200.00	3503600.00	15000.00	3457500.00	12838.00	2959159.00
869.00	4796880.00	858.00	4736160.00	833.00	4598160.00
305.00	65880.00	301.00	65016.00	254.80	55036.80

2959159.00	M/S KRISHNA GUPTA
4598160.00	M/S KRISHNA GUPTA
55036.80	M/S KRISHNA GUPTA

1.07	Retro Reflectorised Traffic Signs: Providing and fixing of Retro-Reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 1.5mm thick supported on a mild angle post 75mmx75mmx6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cmx45cmx60cm, 60cm below ground level as per approved drawing(Reference to MoRT&H's Specification 801).		
1.07	90cm Equilateral Triangle	10.00	Nos
1.07	80cm x 60cm Rectangular	10.00	Nos
1.07	60cm x 60cm Rectangular	10.00	Nos
1.08	Road marking with Hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms/m2 area ,thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 . The finished surface to be level, uniform and free from streaks and holes (Ref. tp MORT&H's specification 803). End line marking (Both side)	197.00	sqm
1.09	Median Marker : Made up of tough, impact resistant thermoplastic body, reflectorized on both side using approximate. 85 x 85 mm (for square shape or equivalent in case of round shape Fluorescent yellow prismatic sheeting (type-XI) reflective surface should be incline to approximate 20 degree to vertical to provide maximum reflective. Height & width of median marker shall be approximate by 110 mm complete with all fixing arrangements.	200.00	each

5353.00	53530.00	5290.00	52900.00	6664.00	66640.00
4727.00	47270.00	4670.00	46700.00	8232.00	82320.00
4242.00	42420.00	4190.00	41900.00	6860.00	68600.00
771.00	151887.00	760.00	149720.00	735.00	144795.00
657.00	131400.00	660.00	132000.00	612.50	122500.00

52900.00	SANTOSH TAMANG
46700.00	SANTOSH TAMANG
41900.00	SANTOSH TAMANG
144795.00	M/S KRISHNA GUPTA
122500.00	M/S KRISHNA GUPTA

Total in Figures

12420577.00

12268896.00

11878746.60

Lowest Amount Quoted BY: M/S KRISHNA GUPTA(11878746.60)