

eProcurement System Government of India Created By: Deepak Kumar Created Date/Time: 20-Sep-2024 11:19 AM Tender Title: Short term restoration work at Ch. 50.85 Km damaged due to erosion of river Teesta on 16.07.2024 of NH-10 under National Highway Division-IX in the District of Kalimpong during the year 2024-25. Tender ID: 2024_MoRTH_820839_1
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Tender Inviting Authority: Superintending Engineer, National Highway Circle No.III, P.W(Roads) Directorate, Government of West Bengal.

Name of Work: Short term restoration work at Ch. 50.85 Km damaged due to erosion of river Teesta on 16.07.2024 of NH-10 under National Highway Division-IX in the District of Kalimpong during the year 2024-25.

Contract No: WBPW_Rd/SE/NHC3/eNIB-9/24-25

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	NIM DORJEE TAMANG (GSTN-19ADIPT3597Q1ZA) BID ID -3084418		PASANG LAMA AND SONS (GSTN-19AALHP3795G1ZJ) BID ID -3084510		MOHAN TAMANG(GSTN-NA)--3084516	
					Rate	Amount	Rate	Amount	Rate	Amount
1.00	Bill of Quantities in Details									
1.01	Excavation in Hilly Area in Soil by Mechanical Means: Excavation in soil in hilly area by mechanical means including cutting and trimming of side slopes and disposal of excavated earth with all lifts and lead upto 1000 metres (Reference to MoRT&H's specification clause 301).	120.00	cum		177.00	21240.00	260.40	31248.00	170.00	20400.00
1.02	Excavation for Structure: Earthwork in excavation of foundation by manual means, depth upto 3m, of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material (Reference to MoRT&H's Specification Clause 304). Ordinary Soil - Manual Means (Depth upto 3m)	300.00	cum		185.00	55500.00	186.00	55800.00	180.00	54000.00
1.03	R.C.C. Grade M-20: Plain/Reinforced cement concrete in open foundation complete all including vibrating and compacting, finishing, curing, sampling, testing etc. as per drawing and Technical Specifications (Reference to MORT&H's specifications 1500, 1700 & 2200). Use Concrete Mixer Machine and North Bengal Variety chips	150.00	cum		8090.00	1213500.00	7905.00	1185750.00	8060.00	1209000.00
1.04	HYSD Reinforcement: Supplying, binding, fixing etc. including initial straightening, cutting to requisite length, hooking and bending to correct shape, placing in proper position of uncoated HYSD reinforcement bar in sub-structure complete as per drawing and Technical Specifications (Reference to MORT&H's specifications 1600 & 2200).	9.42	MT		82000.00	772440.00	97650.00	919863.00	81630.00	768954.60

L1 Amount	L1 Vendor
20400.00	MOHAN TAMANG
54000.00	MOHAN TAMANG
1185750.00	PASANG LAMA AND SONS
768954.60	MOHAN TAMANG

1.05	PCC M-15 Grade: Plain/Reinforced cement concrete in open foundation complete all including vibrating and compacting, finishing, curing, sampling, testing etc. as per drawing and Technical Specifications (Reference to MORT&H's specifications 1500, 1700 & 2200). Use NB Variety Stone Aggregates & Concrete Mixer Machine with Hopper	697.93	cum
1.06	Boulder Apron Laid in Wire Crates : Providing and laying of boulder apron laid in wire crates made with 4mm dia wire dia not less than 4mm GI wire conforming to IS: 280 & IS:4826 in 100mm x 100mm mesh Mesh size not more than 150mm (weaved diagonally) including 10 percent extra for laps and joints laid with stone boulders weighing not less than 40 kg each (Tensile strength 300-450mpa, size of wire crates 3.0mx1.50mx1.25 m) (Reference to MORT&H's specification 2503). With Fresh supply of Stone boulder of size above 225mm	594.00	cum
1.07	Supplying at site and laying in position UV stabilized needle punched, stapled fibre / continuous filament polypropylene non-woven geotextile of 300 gsm as filter, as per specification, including cost of preparing the bed, placing the geotextile as per profile with at least 15cm lapping, wherever required and anchorage at top, sewing / welding the overlapped portion, storage and transportation by all means, complete as per direction of the Engineer-in-charge. Note: 1. Payment to be made on measurement of finished surface without lapping, but including anchoring length at top. 2. Payment will be made subject to the result of 3rd Party Testing, to be done by the Engineer-in-charge departmentally. Paragraphs 2.7.7, 2.7.9 and 2.7.10 under the Chapter of "Specification for Works" in the USoR shall be reproduced and included in the tender document as "Specification and Special Terms and Conditions"	1470.00	Sqm
1.08	Back filling behind abutment, wing wall and return wall complete including sprinkling water and thoroughly compacted with plate compactor/power rammer in layers not exceeding 150mm compacted thickness as per drawing and Technical Specification (710.1.4 of IRC:78 & MoRTH's specification 2200) With Granular materials (RBM)	300.96	cum
1.09	Construction of sub-grade and earthen shoulders with approved material obtained from borrow pits with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of table No. 300-2 (Reference to MoRT&H's specification clause 305). use RBM	55.00	cum

7500.00	5234475.00	6324.00	4413709.32	7435.00	5189109.55
5800.00	3445200.00	4836.00	2872584.00	5767.00	3425598.00
300.00	441000.00	692.85	1018489.50	280.00	411600.00
3200.00	963072.00	3069.00	923646.24	3178.00	956450.88
3050.00	167750.00	2418.00	132990.00	3030.00	166650.00

4413709.32	PASANG LAMA AND SONS
2872584.00	PASANG LAMA AND SONS
411600.00	MOHAN TAMANG
923646.24	PASANG LAMA AND SONS
132990.00	PASANG LAMA AND SONS

1.10	Providing weep holes in brick masonry/plain/ reinforced concrete abutment, wing wall/return wall with 100mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing face. Complete as per drawing and technical specification (Reference to MORT&H'S Specification 2706 & 2200).	294.00	Nos.
1.11	Construction of granular sub-base by providing graded materials such as natural sand/crushed gravel/crushed stone/combination depending upon the required grading , spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator and compacting with vibratory roller to achieve at least 98% of the maximum dry density for the material determined as per IS:2720 (Part 8), complete as per clause 401 desired density, complete as per clause 401. By Mix in Place Method With North Bengal Variety Stone Aggregate for grading-III Material	11.00	cum
1.12	for grading-V Material	16.50	cum
1.13	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	27.50	cum
1.14	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).	110.00	sqm
1.15	Providing and applying Tack Coat with Bitumen Emulsion (MS) using emulsion pressure distributor @ 0.25 kg per sqm on the prepared bituminous/ granular surface cleaned with mechanical broom (Reference to MoRT&H's Specification Clause 503). On Granular surface treated with primer surface. ii) on granular surface treated with primer @ 0.25Km /sqm	110.00	Sqm

200.00	58800.00	186.00	54684.00	180.00	52920.00
3350.00	36850.00	2418.00	26598.00	3315.00	36465.00
3310.00	54615.00	3069.00	50638.50	3298.00	54417.00
3800.00	104500.00	2790.00	76725.00	3730.00	102575.00
100.00	11000.00	83.70	9207.00	90.00	9900.00
50.00	5500.00	27.90	3069.00	20.00	2200.00

52920.00	MOHAN TAMANG
26598.00	PASANG LAMA AND SONS
50638.50	PASANG LAMA AND SONS
76725.00	PASANG LAMA AND SONS
9207.00	PASANG LAMA AND SONS
2200.00	MOHAN TAMANG

1.16	Providing and laying bituminous macadam with 40-60 TPH hot mix plant using crushed aggregates of specified grading premixed with approved bituminous binder, transported to site, laid over a previously prepared base with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction (Reference to MORT&H's specification clause 504). for Grading II (19 mm nominal size) Layer Thickness 50-75mm - use Pakur Stone chips	2.20	cum
1.17	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/10sqm and at an approximate spacing of 10 cm centre to centre in both directions, pressed into surface when the temperature of surface is not less than 100 degree centigrade, 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)	186.00	Sqm
1.18	Direction and Place Identification Signs with size more than 0.9 sqm size Board: Providing and erecting direction and place identification retroreflectorised sign as per IRC:67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing (Reference to MORT&H's specification 801).	11.16	Sqm
1.19	Road Delineators: Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings (Reference to MORT&H's specification 806).	20.00	Each
1.20	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). i) 90cm Equilateral Triangle	2.00	Nos.

12500.00	27500.00	14415.00	31713.00	12207.00	26855.40
925.00	172050.00	837.00	155682.00	915.00	170190.00
25000.00	279000.00	8463.00	94447.08	24770.00	276433.20
1050.00	21000.00	372.00	7440.00	1040.00	20800.00
6800.00	13600.00	4743.00	9486.00	6698.00	13396.00

26855.40	MOHAN TAMANG
155682.00	PASANG LAMA AND SONS
94447.08	PASANG LAMA AND SONS
7440.00	PASANG LAMA AND SONS
9486.00	PASANG LAMA AND SONS

1.21	ii) 60cm Equilateral Triangle	2.00	Nos.
1.22	iii) 80cm x 60cm Rectangle	2.00	Nos.
1.23	iv) 60cm x 45cm Rectangle	2.00	Nos.

4470.00	8940.00	3441.00	6882.00	4470.00	8940.00
8200.00	16400.00	3906.00	7812.00	8190.00	16380.00
5780.00	11560.00	3255.00	6510.00	5780.00	11560.00

6882.00	PASANG LAMA AND SONS
7812.00	PASANG LAMA AND SONS
6510.00	PASANG LAMA AND SONS

Total in Figures

13135492.00

12094973.64

13004794.63

Lowest Amount Quoted BY: PASANG LAMA AND SONS(12094973.64)

Signature Not Verified

Digitally signed by DEEPAK KUMAR SINGH
Date: 2025.06.30 15:55:24 IST
Location: eProcure-EPROC

