

eProcurement System Government of India Created By: Deepak Kumar Singh Created Date/Time: 21-Aug-2025 03:30 PM Tender Title: Emergent Restoration work for approach and piers of Gairganda Bridge at Chainage 2.200 kmp of NH-317 near Birpara, in the district of Alipurduar, West Bengal, during the year 2025-26. Phase-I Tender ID: 2025_MORTH_868528_1

Tender Inviting Authority: Superintending Engineer, Project Impletion Unit – II, P. W. (Roads) Directorate, Govt. of West Bengal, Siliguri.

Name of Work: Emargent Restoration work for aproach and piers of Gairganda Bridge at Chainage 2.200 kmp of NH-317 near Birpara, in th

Contract No: WBPW_Rd/SE/PIU-II/eNIB-5/25-26

SCHEDULE OF WORK / ITEM(S)							
SI.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	M/S. DDSD CONSTRUCTION CO. (GSTN-19AAKFD8133H1Z8) BID ID -3255281	Bengal Engineers Co operative Society LTD (GSTN-NA) BID ID - 3253388	
					Rate	Amount	Rate
1.00	Clearing grass and removal of rubbish up to a distance of 50 metres outside the periphery of the area. (Reference to MoRT&H's specification clause 201)	.09	Hec		30216.80	2719.51	30216.80
2.00	Earth work in excavation of foundation 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, backfilling the excavation earth to the extent required and utilising the remaining earth locally for road work (Reference to MoRT&H's specification clause 304). In Marshy Soil (For areas within river bed)	78.00	Cum		502.50	39195.00	502.50
3.00	Providing and construction of a gabian structure for retaining earth with segments of wire crates of size 7 m x 3 m x 0.6 m (7.50m x 3.0m x0.6m) each divided into 1.5 m compartments by cross netting, made from 4 mm galvanised steel wire @ 32 kg per 10 sqm having minimum tensile strength of 300 Mpa (tensile strength 300-450 Mpa) conforming to IS:280 and galvanizing coating conforming to IS:4826, woven into mesh with double twist, mesh size not exceeding 100 x 100 mm, filled with boulders with least dimension of 200 mm, all loose ends to be tied with 4 mm galvanised steel wire (Reference to MORT&H's specification 2503.3).	1025.10	Cum		7100.32	7278538.03	6227.79
						6384107.53	

L1 Amount	L1 Vendor
2719.51	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUC TION CO.
39195.00	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUC TION CO.
6384107.53	Bengal Engineers Co operative Society LTD

4.00	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 per cent 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).	98.00	Cum
5.00	Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each template cross wall in dry wall masonry shall be built about a meter thick & to the full height of the specified thickness of apron at 30 mt. interval complete as per drawing and Technical specification (Reference to MORT&H's specification 2503). 1A. Boulder Laid Dry Without Wire Crates.	365.25	Cum
6.00	Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2 & 300-1 .The size course material in the mix of earth ordinarily shall not be exceed 75mm.(Reference to MoRT&H's specification clause 305). (Using RBM)	761.03	Cum
7.00	Plain/Reinforced cement concrete in open foundation complete all as per drawing and Technical Specifications (Reference to MORT&H's specifications 1500, 1700 & 2200). PCC Grade M15. Height up to 5m.	56.70	Cum
8.00	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). (carriage from private land upto 10 km distance)	123.75	Cum

5747.71	563275.58	5747.00	563206.00
3069.11	1120992.43	3070.00	1121317.50
1615.17	1229192.83	1615.17	1229192.83
7815.77	443154.16	7815.77	443154.16
465.44	57598.20	465.44	57598.20

563206.00	Bengal Engineers Co operative Society LTD
1120992.43	M/S. DDSD CONSTRUCTION CO.
1229192.83	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.
443154.16	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.
57598.20	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.

9.00	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 Plant Mix Method. 1A(V) (Grading-V)	27.23	Cum
10.00	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 premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density .The thickness of a single compacted layer shall not be less than 75 mm.(Reference to MoRT&H's specification 406.	28.88	Cum
11.00	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 (Ref. to MORT&H's specification clause 502). On WMM/WBM surface @ 0.70-1.0kg /sqm.	115.50	Sqm
12.00	Providing and applying tack coat with Cationic bitumen emulsion (RS1) complying with IS:8887 using emulsion pressure distributor on the prepared bituminous /granular cement concrete pavement surface cleaned with mechanical broom and high pressure air jet (Reference to MORT&H's specification clause 503). A) On Granular surface treated with primer @ 0.25kg-0.30 /sqm.	115.50	Sqm
13.00	B) On bituminous surface @ 0.20kg - 0.3kg /sqm	115.50	Sqm

5065.00	137919.95	4421.00	120383.83
3066.25	88553.30	3066.25	88553.30
134.32	15513.96	134.32	15513.96
29.56	3414.18	29.56	3414.18
27.10	3130.05	27.10	3130.05

120383.83	Bengal Engineers Co operative Society LTD
88553.30	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.
15513.96	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.
3414.18	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.
3130.05	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.

14.00	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 Grading -1 and 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 design done as per table 500- 11and 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 tonne weight with a pressure at least 0.56 MPa 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). 6(ii) For Grading 2 (26.5 mm nominal maximum aggregate size) Layer Thickness 50-75mm	8.66	Cum
15.00	Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder of approved grade@ 5.2% (min) for Gr.-1 & @ 5.4% (min) for Gr.-2 , as per table 500-17, and mix design done as per table 500-10 and job mix formula as per cl. 505.3.3 and filler(Cement /hydrated lime / Rock dust), 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 tonne weight with a pressure at least 0.56 MPa as directed by E-I-C to achieve the desired compaction as per clause no 507.3.5 complete in all respects ref. to MORTH specification clause No.507. 8(ii) for Grading-2 (13.2 mm nominal maximum aggregate size), Layer thickness:30-40mm	4.62	Cum
16.00	Providing and erecting a "Thrie" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811	40.00	RM
17.00	Sal-wood work rough dressed including necessary hoisting and fitting, and fixing in position including cost of nails but excluding cost of bolts, nuts and washer in Bridge Work excluding Bridge Floor.	1.92	Cum

20837.00	180448.42	18105.00	156789.30
22000.00	101640.00	20184.00	93250.08
6200.00	248000.00	6200.00	248000.00
97000.00	186240.00	190000.00	364800.00

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248000.00	Bengal Engineers Co operative Society LTD, M/S. DDSD CONSTRUCTION CO.
186240.00	M/S. DDSD CONSTRUCTION CO.

Total in Figures

11699525.60

10934325.43

Lowest Amount Quoted BY: Bengal Engineers Co operative Society LTD(10934325.43)