

Item Rate BoQ

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

Name of Work: Restoration work of damaged road bench at 33.70 Km, 33.75 Km, 33.80 Km & 33.85 Km of NH-10 damaged due to heavy rain from 26.09.2024 to 28.09.2024 under N.H. Division No.IX in the district of Kalimpong during the year 2024-25.

Contract No: WBPW_Rd/SE/NHC3/eNIB19/24-25

Name of the Bidder/ Bidding Firm / Company :		M/S KRISHNA GUPTA					
PRICE SCHEDULE							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
SL No.	Item Description	Quantity	Units	BASIC RATE with Taxes In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT including 18% GST & other taxes in Rs. P	TOTAL AMOUNT In Words	
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).	247.500	cum	150.04	37134.90	INR Thirty Seven Thousand One Hundred & Thirty Four and Paise Ninety Only	
1.02	PCC M-20 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	330.000	cum	6280.56	2072584.80	INR Twenty Lakh Seventy Two Thousand Five Hundred & Eighty Four and Paise Eighty Only	






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1.03	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	521.940	cum	5233.80	2731729.57	INR Twenty Seven Lakh Thirty One Thousand Seven Hundred & Twenty Nine and Paise Fifty Seven Only
1.04	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	976.800	cum	4187.04	4089900.67	INR Forty Lakh Eighty Nine Thousand Nine Hundred and Paise Sixty Seven Only
1.05	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)	290.400	cum	2616.90	759947.76	INR Seven Lakh Fifty Nine Thousand Nine Hundred & Forty Seven and Paise Seventy Six Only
1.06	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).	12.953	MT	65422.50	847417.64	INR Eight Lakh Forty Seven Thousand Four Hundred & Seventeen and Paise Sixty Four Only

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1.07	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-V Material	41.260	cum	2616.90	107973.29	INR One Lakh Seven Thousand Nine Hundred & Seventy Three and Paise Twenty Nine Only
1.08	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 than 75 mm. (Reference to MORTH'S specification 406). With North Bengal Variety Stone Aggregate	68.760	cum	2616.90	179938.04	INR One Lakh Seventy Nine Thousand Nine Hundred & Thirty Eight and Paise Four Only
1.09	Providing and applying primer coat with cationic bitumen emulsion SS1 grade conforming to IS:8887 @ 0.85kg/sqm on prepared porous granular surface including clearing of road surface and spraying primer using mechanical means (Reference to MORT&H's specification clause 502).	275.000	sqm	87.23	23988.25	INR Twenty Three Thousand Nine Hundred & Eighty Eight and Paise Twenty Five Only

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1.10	Providing and applying Tack Coat with Bitumen Emulsion RS1 grade 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	660.000	sqm	17.45	11517.00	INR Eleven Thousand Five Hundred & Seventeen Only
1.11	Repairing Pot-holes with Bituminous Macadam (Grading-II, for compacted thickness of upto 75mm) Filling Pot Holes with Bituminous Macadam using Mobile Hot Mix plant (6-10 TPH) with approved crushed aggregates of specified grading premixed with bituminous binder @3.4% by wt. of the total mix, transported to site and laid in the pot hole prepared before hand by cutting the edges to get a firm vertical face and by removing all the failed and loose materials including dust and applying tack coat evenly on the sides and on the surface as per specification, rolling the filled depression with 8-10 tonne smooth wheeled roller to achieve the desired compaction, including the cost and carriage of stone aggregates and bitumen, hire charges of machinery and equipment, cost of fuel and lubricants and wages of all operational staff, quality control except the cost of tack coat complete as per direction of Engineer-in-charge. Payment to be made on the basis of the loose net volume of the stone aggregates used in the work. (Use North Bengal variety stone aggrs and VG-30 Bitumen)	46.860	cum	8723.00	408759.78	INR Four Lakh Eight Thousand Seven Hundred & Fifty Nine and Paise Seventy Eight Only

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1.12	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 pre-coated 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) - Use VG-40 Bitumen	660.000	sqm	741.46	489363.60	INR Four Lakh Eighty Nine Thousand Three Hundred & Sixty Three and Paise Sixty Only
1.13	Retro Reflectorisred Traffic signs: Providing and fixing of Retro-Reflectorisred 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) 80cm x 60cm Rectangular	2.000	Nos.	6106.10	12212.20	INR Twelve Thousand Two Hundred & Twelve and Paise Twenty Only
1.14	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 reflectorisred 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).	20.000	Each	872.30	17446.00	INR Seventeen Thousand Four Hundred & Forty Six Only

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1.15	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"	990.000	sqm	174.46	172715.40	INR One Lakh Seventy Two Thousand Seven Hundred & Fifteen and Paise Forty Only
1.16	Supply and Installation of Self drilling Hollow Soil / Rock Anchor of outer dia of 38 mm and inner dia of 19 mm, Yield Load Carrying Capacity of Minimum 400 KN in soil / overburden / rock suitable for drilling placing and cement grouting. Installation with all accessories such as 76 mm/100mm dia drill bit, couplers, 8mm thick base plate and nut and bolt complete in all respect.	2208.000	RM	4099.81	9052380.48	INR Ninety Lakh Fifty Two Thousand Three Hundred & Eighty and Paise Forty Eight Only
1.17	Cement pressure grouting through Hollow Soil/Solid Rock Anchor of outer dia 76/51/38/32/25 in Rock/overburden including all cost of material and equipments required to complete the grouting work at desired pressure.	652.000	Bag	1308.45	853109.40	INR Eight Lakh Fifty Three Thousand One Hundred & Nine and Paise Forty Only
Total in Figures					21868118.78	INR Two Crore Eighteen Lakh Sixty Eight Thousand Eight Hundred & Eighty Eight Thousand and Paise Seventy Eight Only
Quoted Rate in Words	INR Two Crore Eighteen Lakh Sixty Eight Thousand and One Hundred & Eighteen and Paise Seventy Eight Only					

Execution of work is restricted amt. to Rs. 1,13,76,859/- (Rupees one thousand one hundred and thirty seven thousand six hundred and eighty six and eight hundred and fifty nine) only.

Amudal.

27/01/25