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| <b>eProcurement System Government of India</b><br>Created By: Deepak Kumar<br>Created Date/Time: 17-Sep-2024 11:26 AM<br>Tender Title: Restoration of valley side at 3.330 kmp of NH-10 damaged due to heavy rain occurred on 17th June, 2024 under N.H. Division No.IX in the District of Darjeeling during the year 2024-25.<br>Tender ID: 2024_MoRTH_820893_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: Restoration of valley side at 3.330 kmp of NH-10 damaged due to heavy rain occurred on 17th June, 2024 under N.H. Division No.IX in the District of Darjeeling during the year 2024-25.

Contract No: WBPW\_Rd/SE/NHC3/eNIB-11/24-25

| SCHEDULE OF WORK / ITEM(S) |                                                                                                                                                                                                                                                                                                                                              |           |       |                |                                     |            |                                      |            |                                                                                          |            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|----------------|-------------------------------------|------------|--------------------------------------|------------|------------------------------------------------------------------------------------------|------------|
| Sl.No                      | Description of Work / Item(s)                                                                                                                                                                                                                                                                                                                | No.of Qty | Units | Estimated Rate | M/S KRISHNA GUPTA(GSTN-NA)--3083581 |            | M/S SUKDEO CHETTRI(GSTN-NA)--3083600 |            | THE COMBINED ENGINEERS CO-OP LABOUR CONTRACT AND CONSTRUCTION SCTY LTD(GSTN-NA)--3083464 |            |
|                            |                                                                                                                                                                                                                                                                                                                                              |           |       |                | Rate                                | Amount     | Rate                                 | Amount     | Rate                                                                                     | Amount     |
| 1.00                       | Bill of Quantities in Details                                                                                                                                                                                                                                                                                                                |           |       |                |                                     |            |                                      |            |                                                                                          |            |
| 1.01                       | Excavation in Hilly Area in Soil by Mechanical Means:<br>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).                                                       | 135.00    | cum   |                | 176.80                              | 23868.00   | 171.70                               | 23179.50   | 178.50                                                                                   | 24097.50   |
| 1.02                       | PCC M-15 Grade:<br>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 | 944.76    | cum   |                | 6730.88                             | 6359066.19 | 6536.72                              | 6175631.59 | 6795.60                                                                                  | 6420211.06 |
| 1.03                       | Back filling behind abutment, wing wall and return wall complete including sprinkling water and throughly 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)            | 606.00    | cum   |                | 3305.12                             | 2002902.72 | 3209.78                              | 1945126.68 | 3337.90                                                                                  | 2022767.40 |
| 1.04                       | 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).                 | 160.00    | Nos.  |                | 187.20                              | 29952.00   | 181.80                               | 29088.00   | 189.00                                                                                   | 30240.00   |

| L1 Amount  | L1 Vendor          |
|------------|--------------------|
| 23179.50   | M/S SUKDEO CHETTRI |
| 6175631.59 | M/S SUKDEO CHETTRI |
| 1945126.68 | M/S SUKDEO CHETTRI |
| 29088.00   | M/S SUKDEO CHETTRI |

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| 1.05 | 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                                                                                                                                                                                                                                                                                                                                                                                                       | 648.00 | cum |
| 1.06 | 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.<br>Note: 1. Payment to be made on measurement of finished surface without lapping, but including anchoring length at top.<br>2. Payment will be made subject to the result of 3rd Party Testing, to be done by the Engineer-in-charge departmentally.<br>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" | 504.00 | Sqm |
| 1.07 | 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. (NON SOR Item)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 300.00 | RM  |
| 1.08 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 195.00 | sqm |

|         |            |         |            |         |            |
|---------|------------|---------|------------|---------|------------|
| 4711.20 | 3052857.60 | 4575.30 | 2964794.40 | 4756.50 | 3082212.00 |
| 291.20  | 146764.80  | 282.80  | 142531.20  | 294.00  | 148176.00  |
| 4430.40 | 1329120.00 | 4302.60 | 1290780.00 | 4473.00 | 1341900.00 |
| 20.80   | 4056.00    | 20.20   | 3939.00    | 21.00   | 4095.00    |

|            |                          |
|------------|--------------------------|
| 2964794.40 | M/S<br>SUKDEO<br>CHETTRI |
| 142531.20  | M/S<br>SUKDEO<br>CHETTRI |
| 1290780.00 | M/S<br>SUKDEO<br>CHETTRI |
| 3939.00    | M/S<br>SUKDEO<br>CHETTRI |

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| 1.09 | Repairing Pot-holes with Bituminous Macadam (Grading-II, for compacted thickness of upto 75mm)<br>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 agglts. and Bitumen VG-30) Loose Volume | 41.54  | cum |
| 1.10 | 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 fined 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)                                                                                                                                                                                                                                                                                                                                                                                                                     | 195.00 | sqm |

|         |           |         |           |         |           |
|---------|-----------|---------|-----------|---------|-----------|
| 6938.88 | 288241.08 | 6738.72 | 279926.43 | 7005.60 | 291012.62 |
| 931.84  | 181708.80 | 904.96  | 176467.20 | 940.80  | 183456.00 |

|           |                          |
|-----------|--------------------------|
| 279926.43 | M/S<br>SUKDEO<br>CHETTRI |
| 176467.20 | M/S<br>SUKDEO<br>CHETTRI |

Total in Figures

13418537.19

13031464.00

13548167.58

Lowest Amount Quoted BY: M/S SUKDEO CHETTRI(13031464.00)