

| REVAMPING OF GUJJAR NALA INCLUDING SERVICE ROAD |  |  |  |      |              |
|---|--|--|--|------|--------------|
| Bill of Quantities (Carriage Way)               |  |  |  |      |              |
| S.NO  | ITEM DESCRIPTION   | QTY  | UNIT   | RATE | AMOUNT (Rs.) |
| <b>PART-A (SCHEDULE ITEMS)</b>                  |  |  |  |      |              |
| 1   | <b>CLEARING AND GRUBBING</b><br>Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places.   | 8,100.00   | m <sup>2</sup>   |      |              |
| 2   | <b>REMOVAL OF TREES</b><br>Removal of Trees 150mm to 300mm girth including uprooting and disposal to (outside limits) designated places.   | 1,350.00   | Each   |      |              |
| 3   | <b>COMPACTION OF NATURAL GROUND</b><br>Compaction of Natural Ground upto a depth of 20cm below the natural ground level compacted upto 90% density modified AASHTO.  | 8,100.00   | m <sup>2</sup>   |      |              |
| 4   | <b>EXCAVATE UNSUITABLE MATERIAL</b><br>Earthwork excavation of road, side nallies including forming its banks or putting the same on embankment as directed clod breaking, dressing, etc, complete (throw work) (In ordinary soil)   | 7,155.00   | m <sup>3</sup>   |      |              |
| 5   | <b>CARTAGE OF EXCAVATED MATERIAL</b><br>Cartage of excavated material earth work wet silt building material rubbish murrum earth including loading and unloading lead upto 7 miles<br><br>1st Mile<br>2nd Mile<br>3rd Mile<br>4th Mile<br>5th Mile<br>6th Mile<br>7th Mile and Subsequent Mile   | 7,155.00<br>7,155.00<br>7,155.00<br>7,155.00<br>7,155.00<br>7,155.00<br>7,155.00 | m <sup>3</sup><br>m <sup>3</sup><br>m <sup>3</sup><br>m <sup>3</sup><br>m <sup>3</sup><br>m <sup>3</sup><br>m <sup>3</sup> |      |              |
| 6   | <b>PREPARATION OF SUBGRADE</b><br>Preparation of Sub Grade including earth excavation or filling to an average depth of 9" dressing to camber and consolidation with power roller  | 14,310.00  | m <sup>2</sup>   |      |              |
| 7   | <b>FORMATION OF EMBANKMENT</b><br>Earthwork for road embankment by bulldozer including ploughing, mixing, clod breaking, dressing and compacting with optimum moisture content. Lead upto 100ft and lift upto 5ft: in all types of soil except rock.<br><br>If earthwork is done by other than departmental agency.<br>For 95-100% modified AASHO density.   | 14,310.00  | m <sup>3</sup>   |      |              |
| 9   | <b>GRANULAR SUBBASE</b><br>Preparing Sub base course by supplying and spreading stone metal 1-1/2"-2" guage of approved quality from approved quarry in required thickness to proper camber and grade including hand packing filling voids with 20 cft: of pit / canal sand having plasticity index not more than 6% of suitable quality, watering amd compacting to achieve 98-100% density as per modified AASHO specifications (Rate includes all cost of materials, T & P and carriage upto 3 chains). | 1,215.00   | m <sup>3</sup>   |      |              |

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| 10   | <b>AGGREGATE BASE COURSE</b><br>Providing and Laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specifications i/c spreading and compacting by approved mechanical means (Motor grader, Vibratory roller and Smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density (Rate i/c all cost of materials T&P and carriage upto 3 chains). | 1,215.00 | m <sup>3</sup> |      |              |
| 11   | <b>APPLYING BITUMINOUS COAT</b><br>Applying priming coat or tack coat with approved binder at the required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed, etc complete.   | 8,100.00 | m <sup>2</sup> |      |              |
| 12   | <b>50mm THICK ASPHALT CONCRETE WEARING COURSE PLANT MIX</b><br>Laying to Proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control). Prepared to specified formula according to job mix formula approved by Engineer incharge including rolling and finishing to Properline, grade level and camber, etc. (Machinery with POLs cost of material carriage).   | 8,100.00 | m <sup>2</sup> |      |              |
| 13   | <b>PRECAST KERB BLOCKS</b><br>Providing & fixing Precast Edge Block 3750 PSI Industrial Made Size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form Work for hunching, 1450 PSI lean concrete, 2250 PSI concrete for hunching, 1:4 cement sand mortar.  | 2,700.00 | Rm             |      |              |
|  | <b>CONCRETE CLASS B FOR FOOTPATH</b>   |          |                |      |              |
| 14   | Providing and Laying Concrete having 2450psi cylindrical strength (ready mixed concrete) including placing, compacting, finishing, curing complete in all respect as shown on th drawings and as directed by the Engineer. (Excluding the cost of steel reinforcement).  | 621.00   | m <sup>3</sup> |      |              |
| <b>TOTAL AMOUNT OF NON-SCHEDULED ITEMS (Rs.)</b> |  |          |                |      |              |