# MIRA-BHAINDAR MUNICIPAL CORPORATION

## SCHEDULE 'B'

**Name of Work :- Proposed construction of C.C. Road at magnum plaza in ward no. 8 at Bhaindar (W) in MBMC area.**

| Item No | Quantity as per Sanctioned | Item of Work | Estimated Rate | | | Unit | Total Amount according to estimated | Specification | | Additional Specification |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | In Figures | | In Words | | | Clause No | Page No | |
| | | | Rs. | Ps. | Rs. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | 83.07 | ITEM NO 1<br>Excavation for roadway in hard murum and boulder including dressing section to the required grade, camber and side slopes and conveying the excavated materials with all lifts upto a lead of 50m. and spreading for embankment or stacking as directed.<br>SSR 2.13/ 24 | 145 | 95 | Rupees One Hundred FourtyFive Paise NinetyFive Only | CMT | 12124.07 | | | As per Instruction given byExecutive Engineer/ Site Engineer during execution of work |
| 2 | 83.07 | ITEM NO.2<br>TRANSPORTING OF EXCAVATED MATERIALS lead 20.00 k.m.<br>SSR Statement C-1 | 468 | 37 | Rupees Four Hundred SixtyEight Paise ThirtySeven Only | CMT | 38907.50 | | | As Above |
| 3 | 31.84 | ITEM NO .3<br>Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete. | 3240 | 42 | Rupees Three Thousand Two Hundred Fourty Paise FourtyTwo Only | CMT | 103186.31 | | | As Above |
| 4 | 20.77 | ITEM NO . 4<br>Construction of granular sub-base by providing close gradedMaterial, mixing in a mechanical mix plant at OMC, carriage ofmixed Material t o work site, spreading in uniform layers withmotor grader on prepared surface and compacting withvibratory power roller to achieve the desi red density, completeas per clause 401 -- Plant Mix Method and Grad ing -II Material<br>SSR NO 3.02 / 27 | 3701 | 4 | Rupees Three Thousand Seven Hundred One Paise Four Only | CMT | 76861.35 | | | As Above |

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| 5 | 20.77 | ITEM NO. 5<br>Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate ( natural sand/ VSI grade finely washed crushed sand) conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, , cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant/ Weigh batch mixer, transported to site with all leads and lifts, laid with a paver with electronic sensor /by suitable means as approved by Engineer-in-charge , compacting with vibratory roller, finishing, curing and including preparation of subgrade surface if required etc. complete.<br>SSR 5.13 / 37 | 5334 | 75 | Rupees Five Thousand Three Hundred ThirtyFour Paise SeventyFive Only | CMT | 110789.42 | | | As Above |
| 6 | 138.45 | ITEM NO. 6<br>Providing and laying 125 micron Low Density Polyethylene (LDPE) sheet confirming to IS 3395 : 1997 below concrete pavement including all materials and labour complete..<br>SSR.NO.5.19 | 31 | 50 | Rupees ThirtyOne Paise Fifty Only | SMT | 4361.18 | | | As Above |
| 7 | 31.84 | ITEM NO 7<br>Providing and laying in-situ M40 Grade unreinforced plain cement concrete pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate ( natural sand/ VSI grade finely washed crushed sand) conforming to IS 383, using fine and coarse aggregates combined gradation as per Table 600-3 of MORTH Specification 2013, mixed in a Tilting type Concrete Mixer as per approved mix design, admixtures, spreading, laying compacting and finished in a continuous operation without paver machine, finishing to lines and grades as directed by Engineer-in-charge and curing by curing compound /by providing cement vata in cement Mortar 1:8 @0.6m X 0.6m centre to centre, admeasuring 80 mm at bottom and 40 mm at top with depth of 75mm and maintaining the same throughout curing period by any other method approved by Engineer-in-charge.<br>SSR 5.06 | 9770 | 6 | Rupees Nine Thousand Seven Hundred Seventy Paise Six Only | CMT | 311112.91 | | | As Above |

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| 8 | 276.90 | ITEM NO.8<br>Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm. .in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge.<br>SSR 5.17/57 | 79 | 80 | Rupees SeventyNine Paise Eighty Only | RMT | 22096.62 | | | As Above |
| 9 | 276.90 | ITEM NO 9<br>Providing to contraction joints polysuphid esealent (Pouring grade) confirming to BS:5212-1989 into saw ed groove widene da ttop for seal entre servoir of specifiedsizeand shape as per detailed drawingin cluding fixing Polyethylene foam back errod of required diameter (apprao x. 25% larger than the initial 3mm. to 4mm. joint) over laid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet/air compressor and allowing joint to become thoroughly dry befor esealentis applied and applying primer.<br>(A) Contraction and longitudinal joints (15 mm. deep x 8 mm.wide.<br>SSR.NO.5.18 | 326 | 55 | Rupees Three Hundred TwentySix Paise FiftyFive Only | RMT | 90421.70 | | | As Above |
| 10 | 9.23 | ITEM NO 10<br>Providing and fixing in position TMT FE 500, 32 mm dia dowel bars precoated with anticorrosive epoxy paint of required Dia .60cms. Long and at 30.00cm. C/C and wherever directed including handling, straightening ,necessary cutting supported by TMT FE 500,chairs with proper alignment by using properly designed assembly of Bulkheads lubricating half length with bituminous paint as directed etc. complete.<br>SSR 5.14 | 564 | 90 | Rupees Five Hundred SixtyFour Paise Ninety Only | NOS | 5214.03 | | | As Above |
| 11 | 71.00 | ITEM NO 11<br>Providing and fixing in position TMT FE 500 tie bars precoated with anticorrosive epoxy paint of 12 mm dia.70 cms. long and at 30.00cm. C/C and wherever directed including handling ,straightening wrapping with paper of approved quality for halfl ength ,necessary cutting, handling, straightening, supported by assembly of TMT FE 500, chairs with proper alignment etc. complete.<br>SSR 5.16 | 321 | 30 | Rupees Three Hundred TwentyOne Paise Thirty Only | NOS | 22812.30 | | | As Above |

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| 12 | 9.59 | ITEM NO. 12<br>Road Marking with Hot Applied Thermoplastic Compound with Reflectorizing Glass Beads on Bituminous Surface- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.complete.<br>SSR NO. 6.12/40 | 699 | 30 | Rupees Six Hundred NinetyNine Paise Thirty Only | SMT | 6702.79 | | | As Above |
| 13 | 42.60 | ITEM NO 13<br>Providing & laying R.C.C. running beam in M-40 cement concrete including required formwork mixing, compacting & curing, etc. complete reinforced with 12mm dia.(Minimum 4 Nos.)M.S. main bars & 6mm Dia M.S.ring sat 15 cm c/c to be anchored in slipper slab properly with M.S. reinforcement as per drawing etc. complete as specified (Steel will not be paid separately).Contractor has to make his own arrangement for potable water for construction/curing with hessian cloth, etc. & will not be paid separately.Beam Size: b) 23 cm. x 30 cm. | 742 | 72 | Rupees Seven Hundred FourtyTwo Paise SeventyTwo Only | RMT | 31639.87 | | | As Above |
| 14 | | ITEM NO. 14<br>TESTING | | | | | | | | |
| | 2.00 | Compresive Strength (set of 3 cubes) | 690 | 0 | Rupees Six Hundred Ninety Only | No.s | 1380.00 | | | As Above |
| | 2.00 | Steel Bar Testing Upto 16mm (Set of 3 Bars) | 1275 | 0 | Rupees One Thousand Two Hundred SeventyFive Only | No.s | 2550.00 | | | As Above |
| 15 | 38.21 | ITEM NO. 15<br>Royalty | 216 | 18 | Rupees Two Hundred Sixteen Paise Eighteen Only | CMT | 8260.71 | | | As Above |

**Contractor /Agency**

**No.of Correction :**

**Executive Engineer**
**Mira-Bhaindar Municipal Corporation**