MIRA-BHAINDAR MUNICIPAL CORPORATION

SCHEDULE 'B'

Name of Work :- Proposed construction of C.C. Road and Gutter near shivdarshan tower in ward no. 8 at Bhaindar (W) in MBMC area.

Item No	Quantity as per Sanctioned Estimate	Item of Work	Estimated Rate			Unit	Total Amount according to estimated quantities	Specification		Additional Specification
			In		In Words			Clause No	Page No	
			Rs.	Ps.	Rs.					
1	2	3	4	5	6	7	8	9	10	11
1	69.30	ITEM NO 1 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. SSR 2.13/ 24	145	95	Rupees One Hundred FourtyFive Paise NinetyFive Only	CMT	10114.34			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
2	68.04	ITEM NO.2 TRANSPORTING OF EXCAVATED MATERIALS lead 20.00 k.m. SSR Statement C-1	468	37	Rupees Four Hundred SixtyEight Paise ThirtySeven Only	CMT	31867.89			As Above
3	32.36	ITEM NO .3 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	104843.79			As Above
4	18.90	ITEM NO . 4 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 SSR NO 3.02 / 27	3701	4	Rupees Three Thousand Seven Hundred One Paise Four Only	CMT	69949.66			As Above

5	12.60	ITEM NO. 5 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. SSR 5.13 / 37	5334	75	Rupees Five Thousand Three Hundred ThirtyFour Paise SeventyFive Only	CMT	67217.85			As Above
6	126.00	ITEM NO. 6 Providing and laying 125 micron Low Density Polyethylene (LDPE) sheet confirming to IS 3395 : 1997 below concrete pavement including all materials and labour complete.. SSR.NO.5.19	31	50	Rupees ThirtyOne Paise Fifty Only	SMT	3969.00			As Above
7	28.98	ITEM NO 7 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. SSR 5.06	9770	6	Rupees Nine Thousand Seven Hundred Seventy Paise Six Only	CMT	283136.34			As Above

8	252.00	ITEM NO.8 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. SSR 5.17/57	79	80	Rupees SeventyNine Paise Eighty Only	RMT	20109.60			As Above
9	252.00	ITEM NO 9 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. (A) Contraction and longitudinal joints (15 mm. deep x 8 mm.wide. SSR.NO.5.18	326	55	Rupees Three Hundred TwentySix Paise FiftyFive Only	RMT	82290.60			As Above
10	8.40	ITEM NO 10 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. SSR 5.14	564	90	Rupees Five Hundred SixtyFour Paise Ninety Only	NOS	4745.16			As Above
11	75.00	ITEM NO 11 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. SSR 5.16	321	30	Rupees Three Hundred TwentyOne Paise Thirty Only	NOS	24097.50			As Above

12	10.13	ITEM NO. 12 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. SSR NO. 6.12/40	699	30	Rupees Six Hundred NinetyNine Paise Thirty Only	SMT	7080.41			As Above
13	45.00	ITEM NO 13 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	33422.40			As Above
14	15.75	ITEM NO. 14 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area & stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means SSR 21.02 / 197	217	35	Rupees Two Hundred Seventeen & Thirty Five PaiseOnly	Cu.Mt.	3423.26			As Above

15	2.25	ITEM NO.15 Providing and laying Cast in situ/Ready Mix cement concrete in M15 of trap/ granite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) SSR 24.08/227	8029	76	Rupees Eight Thousand Twenty Nine & Seventy Six Paise Only	Cu.Mt.	18066.96			As Above
16	4.05	ITEM NO .16 Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap/ granite/quartzite /gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) SSR 24.10 / 227	8343	11	Rupees Eight Thousand Three Hundred & Fourty Three Paise Only	Cu.Mt.	33789.60			As Above

17	0.31	ITEM NO. 17 Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings including steel centering, formwork, cover blocks, compaction, finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete.(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) SSR NO. 25.72 / 236	16107	86	Rupees Sixteen Thousand One Hundred Seven & Eighty Six Paise Only	Cu.Mt.	4929.01			As Above
18	0.02	ITEM NO.18 Providing and fixing in position TMT-FE- 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete. SSR NO. 26.33 / 245	94188	15	Rupees Ninety Four Thousand One Hundred Eighty Eight & Fifteen Paise Only	MT	2161.62			As Above
19		ITEM NO. 19 TESTING								
	1.00	Compresive Strength (set of 3 cubes)	690	0	Rupees Six Hundred Ninety Only	No.s	690.00			As Above
	1.00	Steel Bar Testing Upto 16mm (Set of 3 Bars)	1275	0	Rupees One Thousand Two Hundred SeventyFive Only	No.s	1275.00			As Above
20	38.83	ITEM NO. 15 Royalty	216	18	Rupees Two Hundred Sixteen Paise Eighteen Only	CMT	8393.40			As Above

Contractor /Agency

No.of Correction :

Executive Engineer
Mira-Bhaindar Municipal Corporation