

**MIRA-BHANDAR MUNICIPAL CORPORATION**  
**SCHEDULE 'B'**

**NAME OF WORK:- Proposed construction of UTWD road from saimandir to gavdevi mandir at murdha gaon in ward no. 23 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 Figures		In Words			Clause No	Page No	
			Rs.	Ps.	Rs.					
1	2	3	4	5	6	7	8	9	10	11
1	2040.00	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 Foty Five & Ninety Five Paise Only	CMT	297738.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
2	1632.00	ITEM NO.2 TRANSPORTING OF EXCAVATED MATERIALS lead 20.00 k.m. SSR Statement C-1	468	37	Rupees Four Hundred Sixty Eight & Thirty Seven paise only	CMT	764379.84			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
3	782.00	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. SSR NO 21.38 / 157	3240	42	Rupees Three Thousand Two Hundred Forty & Forty Two Paise Only	CMT	2534008.44			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
4	510.00	ITEM NO . 4 Construction of granular sub-base by providing close gradedMaterial,mixing in a mechanical mix plant at OMC, carriage ofmixed Material to work site, spreading in uniform layers withmotor grader on prepared surface and compacting withvibratory power roller to achieve the desired density, completeas per clause 401 -- Plant Mix Method and Grading -II Material SSR NO 3.02 / 27	3701	4	Rupees Three Thousand Seven Hundred One & Four Paise Only	CMT	1887530.40			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work

5	510.00	<p>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</p>	5334	75	Rupees Five Thousand Three Hundred Thirty Four & Seventy Five Paise Only	CMT	2720722.50			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
6	3400.00	<p>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</p>	31	50	Rupees Thirty One & Fifty Paise only	SMT	107100.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work

7	1020.00	<p>ITEM NO 7</p> <p>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.</p> <p>SSR 5.06</p>	9770	6	Rupees Nine Thousand Seven hundred Seventy & Six Paise	CMT	9965461.20			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
8	6800.00	<p>ITEM NO.8</p> <p>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.</p> <p>SSR 5.17/57</p>	79	80	Rupees Seventy Nine & Eighty Paise Only	RMT	542640.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work

9	6800.00	ITEM NO 9 Providing to contraction joints polysuphid esealnt (Pouring grade) confirming to BS:5212-1989 into saw ed groove widene da ttop for seal entre servoir of specifiedsizend 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 Hudndred Twenty Six & Fifty Five Paise Only	RMT	2220540.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
10	226.67	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 Sixty Four & Ninety Paise Only	NOS	128044.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
11	1333.00	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 half length ,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 Twenty One & Thirty Paise Only	NOS	428292.90			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work

12	180.00	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 Ninety Nine & Thirty Paise Only	SMT	125874.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
13	1120.00	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 Forty Two & Seventy Two Paise Only	RMT	831846.40			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
14	85.00	ITEM NO. 14 Providing and Laying Concrete pipes of I.S.NP Class of 300mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cment mortar 1:1 and refillig the trench complete. SSR 42.09/327	781	20	Rupees seven Hundred Eighty One & Twenty Paise Only	RMT	66402.00			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work

15	50.00	ITEM NO. 15 Metal Beam Crash Barrier--Type-A,W: Metal Beam Crash Barrier (Providing and erecting a W metal beam crash barrier comprising of 3mm thick corrugated sheet metal beam rail, 70cm above road/ ground level , fixed on ISMC series channel vertical post, 150x75x5mm spaced 2m centre to centre,1.8m high,1.1m below ground /road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 810)"" SSR 7.30/73	5157	60	Rupees Five Thousand One Hundred Fifty Seven & Sixty paise Only	RMT	257880.00			As per Instruction given by Executive Engineer/ Site Engineer during execution of work
16	15.00	ITEM NO. 16 Procurement, Supply, Installation of required height Sign Board to have a clear and legible visibility, made with 150mm x 150mm size RCC Pole of M30 grade- 10ft height and EPS panel of thickness 75mm having size 4ft Horizontal X 4ft. vertical. The base will be grouted with a M20 grade Plain Cement concrete foundation of size 600mmx 600mmx 750mm etc SSR 54.25/522	12317	55	Rupees Twelve Thousand Three hundred Seventeen & fifty Five paise Only	No.s	184763.25			As per Instruction given by Executive Engineer/ Site Engineer during execution of work
17	99.40	ITEM NO. 17 Providing and laying weep holes of 100 mm diameter AC/PVC pipes as per drawing for abutment returns, return walls etc. Complete. SSR 17.37/127	559	62	Rupees Five hundred Fifty Nine & Sixty Two paise Only	No.s	55626.23			As per Instruction given by Executive Engineer/ Site Engineer during execution of work
		ITEM NO. 18 TESTING								
18	4.00	Compressive Strength (set of 3 cubes)	690	0	Six Hundred Ninety Only	No.s	2760.00			

19	4.00	Steel Bar Testing Upto 16mm (Set of 3 Bars)	1275	0	One Thousand Two Hundred Seventy Five Only	No.s	5100.00			
20	938.40	ITEM NO. 19 Royalty	216	18	Two Hundred Sixteen & Eighteen Paise Only	CMT	202863.31			