

MIRA-BHAINДАР MUNICIPAL CORPORATION
SCHEDULE 'B'

Name of Work :- Proposed Construction of Clock Tower at Ashfaq Ulla Khan Chowk in Ward No.09 at Miraroad (E.) 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	12.50	ITEM NO.1 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum- including removing the excavated material upto a distance of 50 metres beyond the building area and 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 fUpto 1.5 m.) SSR 21.02/153	217	35	Rupees Two Hundred Seventeen Paise ThirtyFive Only	CMT	2716.88			As per Instruction given byExecutive Engineer/ Site Engineer during execution of work
2	10.00	ITEM NO.2 TRANSPORTING OF EXCAVATED MATERIALS up to 20.00 km lead SSR in Statement C-1 (Page 560)	468	37	Rupees Four Hundred SixtyEight Paise ThirtySeven Only	CMT	4683.70			As Above
3	1.44	ITEM NO.3 Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soiling 15 cm to 20 cm thick including hand packing and compacting complete. SSR 21.38/157	3240	42	Rupees Three Thousand Two Hundred Fourty Paise FourtyTwo Only	CMT	4658.10			As Above
4	3.75	ITEM NO.4 Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete. SSR 21.37/157	1212	59	Rupees One Thousand Two Hundred Twelve Paise FiftyNine Only	CMT	4547.21			As Above

5	0.94	ITEM NO.5 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 oneycombed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering uneven and neycombed 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 24.08/176	8029	76	Rupees Eight Thousand TwentyNine Paise SeventySix Only	CMT	7527.90			As Above
6	1.88	ITEM NO.6 Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering, formwork ,cover blocks, laying/pumping, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, 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 (Crushed sand VSI Grade) SSR 25.13/178	8937	41	Rupees Eight Thousand Nine Hundred ThirtySeven Paise FourtyOne Only	CMT	16757.64			As Above

7	2.70	ITEM NO.7 Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, 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 (Crushed sand VSI Grade) SSR 25.33/180	15951	41	Rupees Fifteen Thousand Nine Hundred FiftyOne Paise FortyOne Only	CMT	43068.81			As Above
8	1.35	ITEM NO.8 Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap/ granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface 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 (Crushed sand VSI Grade) SSR 25.52/181	14360	66	Rupees Fourteen Thousand Three Hundred Sixty Paise SixtySix Only	CMT	19386.89			As Above
9	2.40	ITEM NO.9 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, laying/pumping, 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 (Crushed sand VSI Grade) SSR 25.72/182	16107	86	Rupees Sixteen Thousand One Hundred Seven Paise EightySix Only	CMT	38658.86			As Above

10	1.25	ITEM NO.10 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 26.33/188	94188	15	Rupees NinetyFour Thousand One Hundred EightyEight Paise Fifteen Only	MT	117617.45			As Above
11	9.60	ITEM NO.11 Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, racking out joints, watering and scaffolding Complete. SSR 27.05/197	10027	16	Rupees Ten Thousand TwentySeven Paise Sixteen Only	Cu.Mt.	96260.74			As Above
12	40.00	ITEM NO.12 Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete. SSR 32.11/209	700	64	Rupees Seven Hundred Paise SixtyFour Only	Sq.Mt	28025.60			As Above
13	40.00	ITEM NO.13 Providing and applying two coats of exterior weather shield paint of approved manufacture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface ,applying primer coat ,scaffolding if necessary, and watering the surface for two days etc complete. NOTE: For Item No. 15 to 18 prior approval of Superintending Engineer will be necessary SSR 35.26/225	309	75	Rupees Three Hundred Nine Paise SeventyFive Only	Sq.Mt	12390.00			As Above
14	40.00	ITEM NO.14 Providing and applying priming coat on concrete / masonry /Asbestos Cement plastered surfaces including scaffolding if necessary,preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required etc.complete. SSR 35.21/225	37	80	Rupees ThirtySeven Paise Eighty Only	Sq.Mt.	1512.00			As Above

15	40.00	ITEM NO.15 Providing and laying in position flooring of telephone black / Amba White / Cat bary brown / Ruby red / Ocean Brown granite stone of approved shade and size 18 mm to 20 mm thick on bed 1:6 cement mortar including cement floats striking joints, pointing in C.M. 1:3 curing and cleaning etc. complete. SSR 33.34/216	4244	99	Rupees Four Thousand Two Hundred FourtyFour Paise NinetyNine Only	Sq.Mt	169799.60			As Above
16	40.00	ITEM NO.16 Providing and laying Marble (other than white makrana) including neat cement float, filling joints, curing and clearing etc. complete. SSR Building (Bd-M : Paving,Flooring and Dado) Sr. No. 45 Page No. 526	1468	95	Rupees One Thousand Four Hundred SixtyEight Paise NinetyFive Only	Sq.Mt	58758.00			As Above
17	40.00	ITEM NO.17 Providing and laying vitrified stone effect finish tiles having size 590 to 605 mm x 590 to 605 mm of 8 to 10 mm thickness and confirming to IS.15622-2006 (Group B1a) of approved make, shade and pattern for dado and skirting in required position fixed in 1:4 cement mortar including required position laid on a bed of 1:4 cement mortar including neat cement float, filling joints, curing and cleaning etc. complete. SSR 33.47/217	1936	20	Rupees One Thousand Nine Hundred ThirtySix Paise Twenty Only	Sq.Mt	77448.00			As Above

18	10.00	ITEM NO.18 Supply & Fixing of Rectified Porcelain Stoneware Tiles for Ventilated Facades of Specified size as per specification / site drawings having 6 mm and 9 mm thickness with factory made Kerfs (grooves) as per need and size 600 / 1200 and 800 / 1600.The Rectified Porcelain Stoneware Tiles shall possess properties having Water absorption < 0.5%, Bending Strength > 40 N/mm² and are resistant to: UV Light, chemicals, smog, thermal shocks & bacteria. The facade will be made from Nexion Rectified Porcelain Stoneware Tiles (Sintered Compact Surfaces) specified as per ISO 13006: Annex G - EN 14411: Annex G: Dry Pressed Ceramic Tiles and all the tests carried out by Italian labs accredited according to ISO/IEC 17025:2005.The Terramilano Fixing substructure will confirm to Norme Tecniche per le Costruzioni NTC/8 (Technical Standard for construction) guidelines for construction in Italy, Eurocode 0 "Information on the method of semi-probabilistic limit states and safety factor", Eurocode 1 "Determination and calculation of actions on structure", Eurocode 9 "Project aluminum structures", UNI 11018, and ETAG 034.The Substructure will consist of:Upright extruded aluminum profile TruSt80, alloy 6060 T5 thickness equal to 1.5 to 2 mm and dimension 80x110 mm, interaxis 80 cm of Length 3660 mm.8085 Aluminum box Section of 1x3 inch, 1x2 inch and 1x5 inch of length 3660 mm and thickness 1.5 to 2 mm as per need.Brackets St80 galvanized steel and aluminum of 80 mm x 60 mm.Aluminum L bracket size 1.5x1.5 inch and 1x2.5 inch thickness 3 mm that allow to anchor the vertical stand to the Building.9 mm / 6 mm S10 Hooks Harmonic Stainless Steel AISI 304 which supports the weight of the Tiles.Bossong / Hilti Mechanical Fasteners and Nylon Anchor Fastener.Structural Sealant of 3M for Ventilated Facade.Packing of Edges and corner with window seal with ACP of approved make for waterproofing and alteration. Inclusive of scaffolding and fixing. The installation method differs according to the structure of building and	9128	70	Rupees Nine Thousand One Hundred TwentyEight Paise Seventy Only	Sq.Mt	91287.00			As Above
19	10.00	ITEM NO.19 Providing and Fixing Processed Stone Cladding on wall surface / plywood surface, RCC pardi / Wall and all type of Interior, Exterior Compound wall and Gate etc. of cladding processed stone with material of Processed clay, Wooden chips, Silica sand, Cement, GFRc admixtures, Colour pigments, Fiber upto thick of 230 mm / 25 mm including scaffolding, fixing of screw, etc. (As directed by Engineer in Charge) SSR 51.192/409	9027	90	Rupees Nine Thousand TwentySeven Paise Ninety Only	Sq.Mt	90279.00			As Above

20	115.03	ITEM NO.20 Providing and fixing stainless steel (Grade 304) railing made of hollow tubes, channels, plates etc. including welding grinding, buffing polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts, etc. of the required size on the top of the floor of the side of waste slab with suitable arrangement as per approval of engineer in charge (for payment purpose, only the weight of the stainless steel members shall be considered excluding fixing accessories such as nut bolts, fasteners etc.). 50mm dia. pipe, 1.5mm thickness and weight 1.92 kg / r. metre SSR 51.73 / 371	728	70	Rupees Seven Hundred TwentyEight Paise Seventy Only	Kg	83820.17			As Above
21	1.00	ITEM NO.21 Providing and Fixing Tower Clock Analog Mechanism including GPS Synchronized, Bell etc. complete. (Market Rate)	300000	0	Rupees Three Lakh Only	No.	300000.00			As Above
22		ITEM NO.22 Material testing								
	1.00	Compressive Strength OF C.C. Cube (Set of 3 cubes) Page No.584	690	0	Rupees Six Hundred Ninety Only	No.	690.00			As Above
	1.00	STEEL BAR TESTING Upto 16 mm (Set of 3 Bars) Page No.586	1275	0	Rupees One Thousand Two Hundred SeventyFive Only	No.	1275.00			As Above
23	1.73	ITEM NO.23 Royalty on materials.	216	18	Rupees Two Hundred Sixteen Paise Eighteen Only	CMT	372.91			As Above

Contractor /Agency

No.of Correction :

Executive Engineer
Mira-Bhaindar Municipal Corporation