

4	12407.46	Item No-4 : TRANSPORTING OF EXCAVATED MATERIALS lead 20.00 k.m.	468	37	Rupees Four Hundred SixtyEight Paise ThirtySeven Only	Cu.Mt.	5811283.91			As Above
		Rate as per S.S.R. Item								
5	1080.00	Item No-5 : Dewatering on BHP basis by using water pump including diversion of stream, providing cofferdams, earthen bunds etc. as may be necessary for foundation and other parts of the the works and pumping out water during and after excavation as may be required by using 10.0 to 19.0 BHP pump etc. complete. (prior approval of Superintending Engineer will be necessary)	234	15	Rupees Two Hundred ThirtyFour Paise Fifteen Only	Hr.	252882.00			As Above
		Rate as per S.S.R. Item			0					
6	99.64	Item No-6 : Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.	1451	10	Rupees One Thousand Four Hundred FiftyOne Paise Ten Only	Cu.Mt.	144587.60			As Above
		Rate as per S.S.R. Item								
7	10.00	Item No-7 : Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15cm to 20cm including watering and compaction etc. complete.	628	95	Rupees Six Hundred TwentyEight Paise NinetyFive Only	Cu.Mt.	6289.50			As Above
		Rate as per S.S.R. Item								

8	66.38	Item No-8 : 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 (Crushed sand VSI Grade)	7057	5	Rupees Seven Thousand FiftySeven Paise Five Only	Cu.Mt.	468446.98			As Above
		Rate as per S.S.R. Item								
9	17.05	Item No-9 : Providing and laying Cast in situ/Ready Mixcement concrete in M20 of trap/ granite/ quartzite/ gneiss metal for steps including 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 (Crushed sand VSI Grade)	7057	5	Rupees Seven Thousand FiftySeven Paise Five Only	Cu.Mt.	120322.70			As Above
		Rate as per S.S.R. Item								
10	0.85	Item No-10 : Providing and laying Cast in situ/Ready Mix cement concrete in M-20 of trap/ granite/ quartzite/ gneiss metal for R.C.C.coping to plinth or parapet and sill of doors and windows moulded as per detailed drawings or chamfered as approved by the Engineer including centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and roughening them if special finish is to be provided and curing 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 natural sand/V.S.I. quality Artificial Sand	7549	50	Rupees Seven Thousand Five Hundred FourtyNine Paise Fifty Only	Cu.Mt.	6417.08			As Above
		Rate as per S.S.R. Item								

11	0.07	Item No-11 : 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.	94188	15	Rupees NinetyFour Thousand One Hundred EightyEight Paise Fifteen Only	Cu.Mt.	6781.55			As Above
		Rate as per S.S.R. Item								
12	804.73	Item No-12 : Stamp Concrete of 100mm Thickness - Providing and Laying in-situ M30 Grade unreinforced plain cement stamp concrete of 100mm thickness pavement over a prepared sub base with 43 grade cement, coarse and fine aggregate (natural sand / VSI grade finely washed crushed sand) Confirming to IS 383, as per mixed in a batching and mixing plant / non tilting mixer and weigh batcher as per approved mix design, admixtures, transporting to site in nagpur city with lead upto 20KM (on Inner Ring Road from Avasti nagar to wadi), spreading, laying with approved make pover, compacted and finished in a continous operation, finishing to lines and grades Also Providing, Placing and applying stamp powder which is light fast UV resistant pigment with appropriate chemical compounds of desired colour on base concrete after excess bleed water has evaporated using dry shake method @5kg per sqm. Including texturing, and covering with plastic sheet (min 200 micron thickness) and also applying two coats of UV-stable,30 % solids clear sealer @ 150 to 250 gms per sqm using surface roller and protecting from falling dust,dirt and curring by curring compound / by providing cement vata in cement Mortor 1 :8 @ 0.6m x 0.6m center to center, admeasuring 80mm at bottom and 40mm at top with depth of 75mm and maintaining the same throughout curing period by any other method approved by Engineer-incharge or Landscape architect etc. complete. (prior approval of superinteding Engineer will be necessary)	1260	0	Rupees One Thousand Two Hundred Sixty Only	Cu.Mt.	1013959.80			As Above
		Rate as per S.S.R. Item								

13	246.13	Item No-13 : Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in foundation and plinth of inner walls / in plinth of external walls including bailing out water manually , striking joints on un exposed faces and watering etc.complete.	5276	25	Rupees Five Thousand Two Hundred SeventySix Paise TwentyFive Only	Cu.Mt.	1298643.41			As Above
		Rate as per S.S.R. Item			0					
14	69.71	Item No-14 : Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete	8393	70	Rupees Eight Thousand Three Hundred NinetyThree Paise Seventy Only	Cu.Mt.	585124.83			As Above
		Rate as per S.S.R. Item			0					
15	2.03	Item No-15 : Dismantling stone masonry in lime or cement mortar including stacking the materils as directed with all leads, lifts etc.	399	0	Rupees Three Hundred NinetyNine Only	Cu.Mt.	809.97			As Above
		Rate as per S.S.R. Item								
16	606.17	Item No-16 : 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.	670	95	Rupees Six Hundred Seventy Paise NinetyFive Only	Sq.Mt.	406709.76			As Above
		Rate as per S.S.R. Item								
17	1117.69	Item No-17 : Providing flush grooved pointing with cement mortar 1:3 for stone masonry work including scaffolding and curing etc. complete.	191	10	Rupees One Hundred NinetyOne Paise Ten Only	Sq.Mt.	213590.56			As Above
		Rate as per S.S.R. Item								

18	424.32	Item No-18 : Providing and fixing machine cut machine polished 18 mm to 20 mm thick telephone black / Amba White / Cat bary brown / RBI red / Ocean Brown granite stone for treads and risers of steps and staircases of approved colour and shade with rounded moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.	4380	60	Rupees Four Thousand Three Hundred Eighty Paise Sixty Only	Sq.Mt.	1858776.19			As Above
		Rate as per S.S.R. Item								
19	3.44	Item No-19 : Providing and laying Antiskid Ceramic tiles of approved quality of size 30 cm x 30 cm and confirming to IS 15622-2006 (Group-B IIA) for antiskid flooring in required position laid on a bed of 1:4 cement mortar including cement float, filling joint with cement slurry cleaning curing etc. complete.	1260	0	Rupees One Thousand Two Hundred Sixty Only	Sq.Mt.	4334.40			As Above
		Rate as per S.S.R. Item								
20	1570.10	Item No-20 : Providing and fixing mild steel grill work for windows, ventilators etc. 20 Kilogram/Square Metre as per drawing including fixtures, necessary welding and painting with one coats of anticorrosive paint and two coats of oil painting complete	1792	35	Rupees One Thousand Seven Hundred NinetyTwo Paise ThirtyFive Only	Sq.Mt.	2814168.74			As Above
		Rate as per S.S.R. Item								
21	3727.33	Item No-21 : 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.	309	75	Rupees Three Hundred Nine Paise SeventyFive Only	Sq.Mt.	1154540.47			As Above
		Rate as per S.S.R. Item								
22	4481.71	Item No-22 : Providing and applying two coats of flat oil paint of approved colour and shade to internal / external plastered surfaces including scaffolding if necessary, cleaning and preparing the surface (excluding primer coat) etc. complete.	106	5	Rupees One Hundred Six Paise Five Only	Sq.Mt.	475285.35			As Above
		Rate as per S.S.R. Item								

23	152.00	Item No-23 : Providing earth work in embankment with approved materials obtained from other sources upto lead of 50m. including all lifts, laying in layers of 20cm. to 30cm. thickness breaking clods, dressing to the required lines, curves, grades & section, watering and compaction with vibratory roller with V-Sat attachment to achieve not less than 97 % of standard proctor density etc. complete (Material obtained from Other sources)	794	85	Rupees Seven Hundred NinetyFour Paise EightyFive Only	Cu.Mt.	120817.20			As Above
		Rate as per S.S.R. Item								
24	1.00	Item No-24 : Providing and fixing informatory sign boards in rectangular shape of size 1.20m x 0.90m made out of 3mm Aluminum composite panel bonded with IRC Specified colour of retro reflective sheeting of Type IV High Intensity Micro-Prismatic Grade Sheeting (HIP) having pressure sensitive / heat activated adhesive, IRC Specified colour retro reflective cutout border & messages having pressure sensitive adhesive having border & messages in IRC Specified colour background including M. S. angle iron frame of size 35 mm X 35 mm X 3 mm & two M.S. angle iron post of size 65 mm X 65 mm X 6 mm, 3.65 m long, duly painted with flat oil paint having alternate black and white bands of 25 cm width including G.I. fixtures etc; fixing the boards in M-20 concrete block of size 60cm X 60cm X 75cm including transportation etc; complete. Aluminum composite panel Type IV High Intensity.	16968	0	Rupees Sixteen Thousand Nine Hundred SixtyEight Only	No.	16968.00			As Above
		Rate as per S.S.R. Item								

Contractor /Agency

No.of Correction :

Executive Engineer
Mira-Bhaindar Municipal Corporation

1	1.00	<p>Item No-1 : Providing and constructing Floating water fountain of 20.80 Meter diameter with programeble Laser Light of SS 316 material to give appearance of natural water fall , having Serpantile S.S Ring With Nozzles fitted on a sopacing of 40 mm Jets with universal ball joint MOC of Nozzles – Gun metal body of Wall thickness : 2mm To 3mm & Length : 30 - 50mm with Inlet size : 10mm & Outlet size : 3mm • Water effect formation : Clear stream jet of approx.3mm.Central Revolving wheel with nomenclature made of light waight poly crabonate sheet. The rotatory wheel will be fitted on hydraulic bearing operated by water pressure Waterproof IP - 68 type, Programmable submersible lights of following capacities with 3 watt Narrow Beam High Illumina Luxion / GE :MOC – Gun Metal Chrome plated• Wall thickness : _4 mm _6_ mm</p> <ul style="list-style-type: none"> • Size : 100mm Dia Length : 120mm • Cable entry : from bottom (Poycab) with heat protection insulation• <p>Water proofing grade : IP 68 (Epoxy based)</p> <ul style="list-style-type: none"> • Bulb / Holder : Osram, Philips, luxion • Make – Samarth / Equivalent <p>Monobloc Submersible Pump of approved make & model with necessary mounting arrangement with large suction screen . Pump, max. speed of 3000 r.p.m. Mechanical Seal in Stainless steel. IP-67 motor protection. Stainless Steel Shaft AISI-420 shaft.With AISI-304 strainer basket.Pump 10 HP Pipe frame Stainless steel in 316 material MS powder coated control panel capable housing necessary switches, circuit breakers, Indicating Lamps, change overs etc for incoming & Outgoing cables. s switchgear systems shall be fitted with special start-up processes such as star-delta starting or soft start-up to ensure safe start-up of the motors as per the sysetm requirement jointing applying waterproof solution and paints ,finishing outside faces natural colour shade and shape of rocksall decorative works , finishing all materials including providing necessary RCC Platform and RCC Foundation work as per design</p>	15849600	0	Rupees One Crore FiftyEight Lakh FourtyNine Thousand Six Hundred Only	Set	15849600.00			As per Instruction given by Executive Engineer/ Site Engineer during execution of work
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Contractor /Agency

No.of Correction :

Executive Engineer
Mira-Bhaindar Municipal Corporation

1	643.03	Item No-1 : Providing and applying Bioremediation involves the use of microorganisms such as bacteria, fungi, and algae to break down or transform pollutants in the environment by using various types of Plants that plants take up nutrients and contaminants themselves, the plant roots and floating Gardens provide extensive surface area for microbes to grow—forming a slimy layer or biofilm. The biofilm is where the majority of nutrient uptake and degradation occurs in an Floating Garden system, with up to 80 per cent by the microbe community.. Microorganisms can degrade a wide range of contaminants, including hydrocarbons, pesticides, and pharmaceuticals.	6800	0	Rupees Six Thousand Eight Hundred Only	Sq.Mt.	4372584.96			As per Instruction given by Executive Engineer/ Site Engineer during execution of work
		Specification								
		Supply and Installation of HDPE Floating Wetlands for holding								
		Material								
		Plus, shaped connector pin for interconnecting, GI wires 22 gauge								
2	1.00	Item No-2: Installation of Bio reactor for upstream bioprocessing. It is a technology used to culture cells in a controlled manner to produce biopharmaceuticals	70000	0	Rupees Seventy Thousand Only	No.	70000			As Above
3	651065.04	Item No-3: Applying Bioxy Enzyme -for 3 years includes Bioxy is a type of biodegradable oxygen release compound that is used to improve the effectiveness of bioremediation and other biological processes. Enzymes, on the other hand, are biological molecules that catalyze chemical reactions and are commonly used in a wide range of industrial, medical, and biotechnological applications.	25	0	Rupees TwentyFive Only	Unit	16276626			As Above

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