

Mahindra World City (Jaipur) Limited.							Annexure-1	
BOQ of Road Maintenance Works in MPSEZ & DTA Zone at Mahindra World City Jaipur								
Tender No. MWCJL/O&M/ROAD MAINT.WORKS/2019-20/T007- dt. 23.12.2019								
S.No.	Description of Works	Unit	Qty. (SEZ)	Qty. (DAT)	Rate (Rs.)	Amount (SEZ)	Amount (DTA)	
1	Dismantling of existing median / Island , Kerb Stone removal etc.- 4 nos.	LS		1		-	-	
2	Excavation, preparation and consolidation of sub-grade for road and utility corridor including surveying wherever necessary in any kind of soil, soft and hard murum with boulders and soft rock, up to required depth with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers & unloading, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the location shown by the Engineer in charge watering, compacting, and consolidating the surface using by vibratory roller 8 to 10 T capacity to achieve 97% of maximum laboratory dry density (IS:2720 Part-8) with optimum moisture content etc and transporting the surplus excavated earth for filling or disposal within the project boundary all complete as specified and as per the direction of engineer-in-charge. (Payment shall be made for the finished item of work after compaction based on original and finished levels).	Cum	340	145		-	-	
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density including making arrangement for traffic, all complete as per Clause 406 of MORTH specifications. (Thickness 250 & 230mm)	Cum	210	40		-	-	
4	Providing and applying tack coat over pavement layers using BITUMEN EMULSION(RS-1)at a rate of 2.0 to 2.5 Kg per 10 Sq. m for bituminous surfaces as per Clause 503 of MORTH Specifications	Sqm	1000	3000		-	-	
5	Providing and laying bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder of 60/70 grade @ 4.5 to 5 per cent of mix and filler as per Job Mix Formula, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per Clause No. 508 of MORTH specification, complete in all respects. (Thickness- 30mm)	Cum	30	140		-	-	
6	Construction of Pre-cast cement concrete kerb with top and bottom width 150 and 300 mm respectively, 600 mm high in M20 grade Plain Cement Concrete (PCC) using PPC and hard broken stone jelly of 20 mm nominal and downgraded size with 270 kg of cement and 50 kg of fly ash on M10 grade Plain Cement Concrete (PCC) using OPC 53 grade (considered 20% fly ash in replacement of cement) and hard broken stone jelly of 20 mm nominal and downgraded size with 173 kg of cement and 43 kg of fly ash, 100 mm thick, foundation having 68 mm projection beyond kerb stone, finish the surface neatly, shape and dimensions as per drawing, curing and groove cutting for expansion at regular intervals all complete as per clause 409 of MoRT&H (Fifth Revision) specification and as per the direction of engineer-in-charge.	rmtr	0	400		-	-	
7	Providing and applying 2.5 mm thick road marking strips for centre line and stop line (retro reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per drawings and direction of Engineer-in-charge and accordance with applicable specifications.	Sqm	0	300		-	-	
8	Providing and applying two coats with oil bound Waterproof paint (Make - Asian/Berger/ICI) and shade on concrete surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour etc. complete as per specifications, drawings and direction of Engineering-charge. . - For Kerb Stone	Sqm	0	160		-	-	
9	Providing and laying 60mm thick Heavy duty Concrete mix is of M-30 grade, interlocking paver blocks sufficient to take standing load of 150 tonnes loaded vehicle- To be laid in line and level with drainage slope on minimum 50mm thick sand bed and as per direction by engineer-in-charge.	Sqm	0	100		-	-	
10	Providing, Laying, spreading of Stone dust bedding of 50mm thick for laying paver blocks as per the direction of engineer-in-charge.	CUM	0	5		-	-	
11	Providing and fixing of Electrical Collapsible Gate 15 Mtr. Length * 1.6 Mtr. Height with compatibles motor and accessories as per approved make by project Manager	No	2	0		-	-	
	Total					-	-	
	GST @ 18%					-	-	
	Total with GST					-	-	
	Grand Total					-	-	
Note:-								
1. Rate is inclusive of cess,all charges ,labour charges except GST, GST nil against LUT in SEZ zone and 18% extra in DTA.								
2. Time is essence of the Contract. Work to be completed within 30 days.								
3. Any extra Items /increase in qtls. other than BOQ shall be pre-intimated before execution. Such Items shall be recorded in Site Instruction book and same shall be paid as per approval by Engineer-in Charge based on proper rate analysis (in case of extra items) by Contracts Deptt and the same shall be paid in final invoice.								