Internal & External Development Works in Respect of the Entire Registered Phase

S No	Common Areas and Facilities, Amenities	Proposed (Yes/No)	Details
1	Internal Roads & Foothpaths	Y	**1. Earth Work in cutting and filling:**
			12 mtr. Wide 163 x 7.50 x 0.45 = 550.13 Cu Mtr.
			9 mtr. Wide 120 x 5 x 0.45 = 270.00 Cu Mtr.
			7.5 mtr. Wide 158 x 4 x 0.45 = 284.40 Cu Mtr.
			2. Brick Soiling
			12 mtr. Wide 150.28 x 3 x 0.10 = 450.84 Sq. Mtr.
			9 mtr. Wide 123 x 1.5 x 0.10 = 184.50 Sq. Mtr.
			7.5 mtr. Wide 50.50 x 1.5 x 0.10 = 75.75 Sq. Mtr
			7.5 mtr. Wide 158 x 4 x 0.10 = 63.20 Cu Mtr.
			5% of Curves = 12.27 Cu Mtr.
			3. Brick Soiling
			12 mtr. Wide 150.28 x 3 x 0.10 = 450.84 Sq. Mtr.
			9 mtr. Wide 123 x 1.5 x 0.10 = 184.50 Sq. Mtr.
			7.5 mtr. Wide 50.50 x 1.5 x 0.10 = 75.75 Sq. Mtr
			5% of Curves = 31.77 Sq. Mtr.
			4. Stone Soiling : (25 - 50)
			12 mtr. Wide 150.28 x 7.50 x 0.10 = 112.71 Cu Mtr.
			9 mtr. Wide 123 x 5 x 0.10 = 61.50 Cu Mtr.
			7.5 mtr. Wide 50.50 x 4 x 0.10 = 20.20 Cu Mtr.
			5% of Curves = 8.71 Cu Mtr.
			5. Earth Work in cutting and filling:
			12 mtr. Wide 150.28 x 3 x 0.10 = 45.08 Cu Mtr.
			9 mtr. Wide 123 x 1.5 x 0.10 = 18.45 Cu Mtr.
			7.5 mtr. Wide 50.50 x 1.5 x 0.10 = 7.58 Cu Mtr.
			5% of Curves = 3.18 Cu mtr.
			5% of Curves = 31.77 Sq. Mtr.
			Demaration of plots
2	Water Supply	Y	**1.** Over head water tank for a capacity of 150000 Liters
			2. Providing and fixing of 140 mm dia PVC pipe pvc special such as bendss, tee, socket cross, clamps etc. Earth work including filling the trenches etc. 450 mtr.
			3. Boring of tube well and installation of pump 5 HP
			4. Civil work in Misc. Items
3	Sewarage (chamber, lines, Septic Tank, STP)	Y	1. Providing and laying class NP2 pressure pipes with collar tested to 40 Smm head, jointed 450 meter
			2. Construction Brick masonry manhole class designation bith cement mortar 1 : 5. 38 Nos.

4	Strom Water Drains	Y	**Brick Masonry - open surface drains** Drains in cementmortar 1 : 6 including earth excavation and disposal after refilling of excavated earth 7.5 cm. Thick bed concrete 1 : 5 : 10, 25 mm thick C.C. 1 : 2 : 4 for filling hunches, including 12 mm Cement plaster 1 : 4 finished with floating cost of neat cement in side drain, top and exposwed sides etc. complete **CULVERTS** 1 No. 12.00 meter. Long 2 No. 9.00 meter. Long Total length of culverts 30.00 meter. Calculation for 1.0 mtr. Long culvert span 0.30 meter. 1. Eartn work in excavation 1 x 1.00 x 1.35 x 0.50 = 0.675 Cu. Mtr. 2. Cement Concrete in foundation 1 : 3 : 6 1 x 1.00 x 1.35 x 0.10 = 0.135 Cu. Mtr. 3. Brick work in cement mortar C.M 1 : 6 (1 cement : 6 Coarse sand) abutment 2 x 1.00 x 0.46 x 0.15 = 0.138 Cu. Mtr. 2 x 1.00 x 0.35 x 0.30 = 0.21 Cu. Mtr. Total = 0.348 Cu. Mtr. 4. R.C.C. slab 1 : 1.5 : 3 1 x 1.00 x 0.30 x 0.05 = 0.015 Cu. Mtr. 5. Plaster 1 : 4 Cement and C. Send 2 x 1.00 x 0.45 = 0.90 sq. Mtr. 6. R.C.C. slab 1 : 1.5 : 3 1 x 1.00 x 1.00 x 0.15 = 0.15 Cu. Mtr. 7. Steel 1.50 x 0.22 x 0.785 = 0.259 Qtl. Rate per meter length of culvert Total Length of Culvert

			Brick Masonry - open surface drains Drains in cementmortar 1 : 6 including earth excavation and disposal after refilling of excavated earth 7.5 cm. Thick bed concrete 1 : 5 : 10, 25 mm thick C.C. 1 : 2 : 4 for filling hunches, including 12 mm Cement plaster 1 : 4 finished with floating cost of neat cement in side drain, top and exposwed sides etc. complete **CULVERTS** 1 No. 12.00 meter. Long 2 No. 9.00 meter. Long Total length of culverts 30.00 meter. Calculation for 1.0 mtr. Long culvert span 0.30 meter. 1. Eartn work in excavation 1 x 1.00 x 1.35 x 0.50 = 0.675 Cu. Mtr. 2. Cement Concrete in foundation 1 : 3 : 6 1 x 1.00 x 1.35 x 0.10 = 0.135 Cu. Mtr. 3. Brick work in cement mortar C.M 1 : 6 (1 cement : 6 Coarse sand) abutment 2 x 1.00 x 0.46 x 0.15 = 0.138 Cu. Mtr. 2 x 1.00 x 0.35 x 0.30 = 0.21 Cu. Mtr. Total = 0.348 Cu. Mtr. 4. R.C.C. slab 1 : 1.5 : 3 1 x 1.00 x 0.30 x 0.05 = 0.015 Cu. Mtr. 5. Plaster 1 : 4 Cement and C. Send 2 x 1.00 x 0.45 = 0.90 sq. Mtr. 6. R.C.C. slab 1 : 1.5 : 3 1 x 1.00 x 1.00 x 0.15 = 0.15 Cu. Mtr. 7. Steel 1.50 x 0.22 x 0.785 = 0.259 Qtl
			2. P.C.C. 1 : 5 : 10 10 x 0.76 x 0.075 = 0.57 Cu mtr.
			3. M-100 Brick work in 1: 6 Cement and Core sand 2 x 10.0 x 0.23 x 0.45 = 2.07 Cu mtr.
			4. R.C.C. 1 : 1.5 : 3 10 x 0.30 x 0.025 = 0.075 Cu Mtr.
			5. 12 mm Thick plaster 1 : 4 1 x 10 x 1.36 = 1360 Sq. Mtr.
			Total length of drains 441.00 R. Mtr.
5	Landscaping & Tree Planting	Y	**1 Fancing** Providing 1.2 Mtr high fencing with angle iron post 50 x 50 x 6 mm at 3m c/c with 0.4m embeded in ground in C.C. 1 : 5 : 10 stone agg. 40 mm nominal size, and every 10th post situated provided with welded steel wire fabric of 75 x 50 mm, mesh and fixed to iron post by nacessary runner flat and bolt etc. complete including with earth work in excavation. Total lenth of park for fencing earth work 438 Mtr.
			2. Tree Plantation
			3.Dust Bins 4 Nos.
			4. Premix Carpet
			12 mtr. Wide 150.28 x 7.50 = 1127.10 Sq. Mtr.
			9 mtr. Wide 123.00 x 5.00 = 615.00 Sq. Mtr.
			7.5 mtr. Wide 50.50 x 4.00 = 202.00 Sq. Mtr.
			5. Brick Laying on both side of road
			2 x 441 = 882 Sq. Mtr
6	Street Lighting	Y	24 Poles with cable and lights

7	Community Buildings	N	
8	Treatment and disposal of sewage and sullage water	N	
9	Solid Waste management & Disposal	Y	4 No.s of Dustbins
10	Water conservation, Rain water harvesting	Y	Rain Water Harvesting Well 2 Nos.
11	Energy management	N	
12	Fire protection and fire safety requirements	Y	12 Nos. Fire Hydrants
13	Electrical meter room, sub-station, receiving station	N	
14	Other (Option to Add more)	N	