

CONSTRUCTION ESTIMATE – November 2021 - Three Sets of Arches

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|---|----------------------|-------------------|
| Engineering Costs..... | | 6,500.00 |
| Pre- Site Work ----- | | 9,000.00 |
| ○ Survey the site and mark the location for the Foundation Piles. | 1,000.00 | |
| ○ Removal of the Interlocking Bricks where the Foundation Piles will be placed and conduits run, including trenching back fill. | 2,500.00 | |
| ○ Underground Conduit for Electrical Services – roughed into the Bollards – NO WIRE. | 5,500.00 | |
| Installation of the Helical Piles ----- | | 10,400.00 |
| ○ 8 piles @ 750.00 – 800.00 each | 6,400.00 | |
| ○ Steel Bearing Plates – Manufacture and Install – 8 plates @ 500.00 | 4,000.00 | |
| Steel Arches ----- | | 75,000.00 |
| ○ Designed, Manufactured – Hot Dipped Galvanized | 75,000.00 | |
| Erection of the Arches ----- | | 1,200.00 |
| ○ 12 hrs. @ 200.00 per hr. (Boom Truck) (in-kind donation) | 2,400.00 | |
| ○ Labor 12hrs @ 100.00 hr. | 1,200.00 | |
| Concrete Bollards----- | | 7,000.00 |
| ○ Forming Material and Fabrication – 4 @ 600.00 | 2,400.00 | |
| ○ Reinforcing Steel 8 @ 125.00 ea. | 1,000.00 | |
| ○ Poured in Place Concrete plus Labor – 8 @ 450.00 | 3,600.00 | |
| Face Coating of the Arches ----- | | 44,880.00 |
| ○ 8 sheets per arch (both sides) x 12 Arches – 96 sheets 3/8" polycarbonate sheets – white c/w ultra violet protection | | |
| 96 sheets @ 350 per sheet * | 33,600.00 | |
| ○ Cutting 96 sheets @ 30.00 ea.* (if all the cuts are the same) | 2,280.00 | |
| ○ Installation – Labor and materials- 6 arches @ 1,500 per arch | 9,000.00 | |
| Post Construction Clean-up ----- | | 800.00 |
| Component Cost ----- | | 154,780.00 |
| Contingency – 10% ----- | | 15,478.00 |
| Cost Less G.S.T. ----- | | 170,258.00 |
| Cost with G.S.T. ----- | 3,120.00 ---- | 173,378.00 |
| Potential Additional Costs | | |
| ○ Building Permit | | |
| ○ Utility Locates | | |

- Utility re-locations
- Engineering Services
- Canvas Sails and lighting \$10,000 (donation from Region/Canada Summer Games)

HELICAL PILE

Postech Niagara Pelham, ON · (905) 380-0409

Techno METAL POST Niagara St. Catharines, ON · (905) 708-7453

Mascore Helical Piles Construction company (905) 807-4389

PLASTIC SHEETING - MACHINING

P & A Plastics Inc 150 Main St E, Hamilton, 289-768-3061

Plastruct Canada 4305 Spring Creek Rd, Beamsville, ON L0R 2C0 905-563-4000

Maljohn Company Limited 183 Hendershot, Binbrook, ON L0R 1C0 289-769-0065