

**CITY OF KAWARTHA LAKES - SITE PLAN COST ESTIMATE**

| <u>Project Name:</u> |   |                |            |          | <u>Date:</u>    |                    |                              |
|----------------------|---|----------------|------------|----------|-----------------|--------------------|------------------------------|
|                      |   | Unit           | Price (\$) | Quantity | Total Cost (\$) | 100% Security (\$) | Reduced Value, max. 10% (\$) |
| <b>1</b>             | <b>Erosion &amp; Sediment Control</b>                         |                |            |          |                 |                    |                              |
|                      | Maintenance of Erosion & Sediment Controls                    | Time Basis     |            |          | \$0.00          | -                  |                              |
|                      | Light Duty Silt Fencing (219.110)                             | m              |            |          | \$0.00          | -                  |                              |
|                      | Heavy Duty Silt Fencing                                       | m              |            |          | \$0.00          | -                  |                              |
|                      | Mud Mat   | ea             |            |          | \$0.00          | -                  |                              |
|                      | Check Dams  | ea             |            |          | \$0.00          | -                  |                              |
|                      | Straw Bale Flow Check   | ea             |            |          | \$0.00          | -                  |                              |
|                      | R50 Rip Rap and Filter Cloth                                  | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | Swales  | m              |            |          | \$0.00          | -                  |                              |
|                      | Filter Strip  | m              |            |          | \$0.00          | -                  |                              |
|                      |   |                |            |          |                 |                    |                              |
|                      | <b>Subtotal: Erosion &amp; Sediment Control</b>               |                |            |          | <b>\$0.00</b>   |                    |                              |
| <b>2</b>             | <b>Site Preparation and Earthworks</b>                        |                |            |          |                 |                    |                              |
|                      | Clearing and Grubbing   | LS             |            |          | \$0.00          | -                  |                              |
|                      | Topsoil Strip and Stockpile                                   | m <sup>3</sup> |            |          | \$0.00          | -                  |                              |
|                      | Earth Excavation and Grading                                  | m <sup>3</sup> |            |          | \$0.00          | -                  |                              |
|                      | Ditching  | m              |            |          | \$0.00          | -                  |                              |
|                      | Cut to Fill   | m <sup>3</sup> |            |          | \$0.00          | -                  |                              |
|                      | Import Fill   | m <sup>3</sup> |            |          | \$0.00          | -                  |                              |
|                      | Disposal of Fill Material Off-Site                            | m <sup>3</sup> |            |          | \$0.00          | -                  |                              |
|                      |   |                |            |          |                 |                    |                              |
|                      | <b>Subtotal: Earthworks</b>                                   |                |            |          | <b>\$0.00</b>   |                    |                              |
| <b>3</b>             | <b>Road - Internal Site Work</b>                              |                |            |          |                 |                    |                              |
|                      | Street, Stop and Parking Signs                                | LS             |            |          | \$0.00          | -                  |                              |
|                      | Granular 'B' 300mm Depth                                      | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | Granular 'A' 150mm Depth                                      | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | HL8 Asphalt Binder Course 50mm Depth                          | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | HL4 Asphalt Surface course 40mm Depth                         | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | HL3 Asphalt Driveway  | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | Storm 150 mm Dia Subdrain Road (OPSD216.021)                  | m              |            |          | \$0.00          | -                  |                              |
|                      | Barrier Curb and Gutter (muni-1350) (608.010/605.030/600.040) | m              |            |          | \$0.00          | -                  |                              |
|                      | 2.0m wide Concrete Sidewalk                                   | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | 1.8m wide Concrete Sidewalk                                   | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | 1.5m wide Concrete Sidewalk                                   | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | Ditching  | m              |            |          | \$0.00          | -                  |                              |
|                      | Topsoil, Seed & Mulch   | m <sup>2</sup> |            |          | \$0.00          | -                  |                              |
|                      | Concrete Mail Box Pad   | ea             |            |          | \$0.00          | -                  |                              |
|                      | Line Painting   | LS             |            |          | \$0.00          | -                  |                              |
|                      | Dead End Barrier (chain                                       | ea             |            |          | \$0.00          | -                  |                              |
|                      | Parking Curb  | ea             |            |          | \$0.00          | -                  |                              |
|                      |   |                |            |          |                 |                    |                              |
|                      | <b>Subtotal: Road Internal Site Work</b>                      |                |            |          | <b>\$0.00</b>   |                    |                              |

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| <b>Project Name:</b> |  |                |                   |                 | <b>Date:</b>           |                           |                                     |
|----------------------|--|----------------|-------------------|-----------------|------------------------|---------------------------|-------------------------------------|
|                      |  | <b>Unit</b>    | <b>Price (\$)</b> | <b>Quantity</b> | <b>Total Cost (\$)</b> | <b>100% Security (\$)</b> | <b>Reduced Value, max. 10% (\$)</b> |
| <b>4</b>             | <b>Road - External Site Work (100% Security)</b>                         |                |                   |                 |                        |                           |                                     |
|                      | Street, Stop and Parking Signs   | LS             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Granular 'B' 300mm Depth   | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Granular 'A' 150mm Depth   | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | HL8 Asphalt Binder Course 50mm Depth                                     | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | HL4 Asphalt Surface course 40mm Depth                                    | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | HL3 Asphalt Driveway   | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Storm 150 mm Dia Subdrain Road (OPSD216.021)                             | m              |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Barrier Curb and Gutter (muni-1350) (608.010/605.030/600.040)            | m              |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | 2.0m wide Concrete Sidewalk  | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | 1.8m wide Concrete Sidewalk  | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | 1.5m wide Concrete Sidewalk  | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Ditching   | m              |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Topsoil, Seed & Mulch  | m <sup>2</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Concrete Pad (i.e. mailbox, bus stop)                                    | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Line Painting  | LS             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Dead End Barrier (barricade and checkerboard sign)                       | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Parking Curb   | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | <b>Subtotal: Road External Site Work</b>                                 |                |                   |                 | <b>\$0.00</b>          | <b>\$0.00</b>             |                                     |
| <b>5</b>             | <b>Storm</b>   |                |                   |                 |                        |                           |                                     |
|                      | 250mm ø P.V.C.   | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 300mm ø P.V.C.   | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 375mm ø P.V.C.   | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 450mm ø P.V.C.   | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 525mm ø Conc.  | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 600mm ø Conc.  | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 675mm ø Conc.  | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 750mm ø Conc.  | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 825mm ø Conc.  | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 1050mm ø Conc.   | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 450mm CSP Culvert  | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | Oil Grit Separator   | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 1200mm ø (OPSD:701.010)  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 1500mm ø (OPSD:701.011)  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 1800mm ø (OPSD:701.012)  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 2400mm ø (OPSD:701.013)  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 600mm ø Catch Basin c/w Frame & Grate (OPSD:705.010/400.020)             | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 600mm ø Ditch Inlet Catch Basin c/w Frame & Grate (OPSD:705.030/403.010) | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 150mm ø Long Storm Service   | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 150mm ø Short Storm Service  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Clean, Flush and Video Inspection of Storm Sewers                        | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | Pond   |                |                   |                 | \$0.00                 | -                         |                                     |
|                      | Swales   |                |                   |                 | \$0.00                 | -                         |                                     |
|                      | Soak Away Pit  |                |                   |                 | \$0.00                 | -                         |                                     |
|                      | Other (please list)  |                |                   |                 | \$0.00                 | -                         |                                     |
|                      | <b>Subtotal: Storm</b>   |                |                   |                 | <b>\$0.00</b>          |                           |                                     |
| <b>5a</b>            | <b>External Storm Works to be completed by the City</b>                  | LS             |                   |                 | <b>\$0.00</b>          | -                         |                                     |

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| <b>Project Name:</b> |  |                |                   |                 | <b>Date:</b>           |                           |                                     |
|----------------------|--|----------------|-------------------|-----------------|------------------------|---------------------------|-------------------------------------|
|                      |  | <b>Unit</b>    | <b>Price (\$)</b> | <b>Quantity</b> | <b>Total Cost (\$)</b> | <b>100% Security (\$)</b> | <b>Reduced Value, max. 10% (\$)</b> |
| <b>6</b>             | <b>Sanitary</b>  |                |                   |                 |                        |                           |                                     |
|                      | 200mm ø P.V.C. 404.020                                     | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 1200mm ø (701.010)   | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Manhole Drop Structure 1003.01                             | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 100mm ø Short Sanitary Service                             | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 100mm ø Long Sanitary Service                              | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Clean, Flush and Video Inspection of Sewer                 | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | <b>Subtotal: Sanitary</b>                                  |                |                   |                 | <b>\$0.00</b>          |                           |                                     |
| <b>6a</b>            | <b>External Sanitary Works to be Completed by the City</b> | LS             |                   |                 | <b>\$0.00</b>          | -                         |                                     |
| <b>7</b>             | <b>Watermain and Appurtenances</b>                         |                |                   |                 |                        |                           |                                     |
|                      | 150 mm P.V.C. watermain                                    | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 50 mm Copper   | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 150 mm Gate Valve  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Yard Hydrant   | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Hydrant Set, Valve and Tee                                 | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 19 mm Short Water Service                                  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 19 mm ø Long Water Service                                 | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 19mm Curbstop with rod & box                               | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | 300 mm P.V.C. watermain                                    | m              |                   |                 | \$0.00                 | -                         |                                     |
|                      | 300 mm Gate Valve  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Water, Disinfection and Pressure Testing                   | LS             |                   |                 | \$0.00                 | -                         |                                     |
|                      | <b>Subtotal: Watermain and Appurtenances</b>               |                |                   |                 | <b>\$0.00</b>          |                           |                                     |
| <b>7a</b>            | <b>External Water Works to be completed by the City</b>    | LS             |                   |                 | <b>\$0.00</b>          | -                         |                                     |
| <b>8</b>             | <b>Lighting</b>  |                |                   |                 |                        |                           |                                     |
|                      | Exterior Wall Lighting                                     | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | Light Standards  | ea             |                   |                 | \$0.00                 | -                         |                                     |
|                      | <b>Subtotal: Lighting</b>                                  |                |                   |                 | <b>\$0.00</b>          |                           |                                     |
| <b>9</b>             | <b>Landscaping (100% Security)</b>                         |                |                   |                 |                        |                           |                                     |
|                      | Clearing & Grubbing  | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Strip & Stockpile Topsoil                                  | m <sup>3</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Earth Excavation   | m <sup>3</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Topsoil, Seed & Mulch                                      | m <sup>3</sup> |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Supply & Instalation of Plants                             | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Construction of Berm                                       | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Garbage Enclosure  | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Gates  | ea             |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Acoustical Fencing   | m              |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Chain Link Fencing   | m              |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | Other (please list)  |                |                   |                 | \$0.00                 | \$0.00                    |                                     |
|                      | <b>Subtotal: Landscaping</b>                               |                |                   |                 | <b>\$0.00</b>          | <b>\$0.00</b>             |                                     |

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|   |  |             |                   |                 |                        |                           |                                     |
|---|--|-------------|-------------------|-----------------|------------------------|---------------------------|-------------------------------------|
| <b>Project Name:</b>  |  |             |                   |                 | <b>Date:</b>           |                           |                                     |
|   |  |             |                   |                 |                        |                           |                                     |
|   |  | <b>Unit</b> | <b>Price (\$)</b> | <b>Quantity</b> | <b>Total Cost (\$)</b> | <b>100% Security (\$)</b> | <b>Reduced Value, max. 10% (\$)</b> |
| <b>*Subtotal Construction Costs</b>   |  |             |                   |                 | <b>\$0.00</b>          |                           |                                     |
| H.S.T - 13%   |  |             |                   |                 | \$0.00                 |                           |                                     |
| <b>Total Construction Costs</b>   |  |             |                   |                 | <b>\$0.00</b>          |                           |                                     |
| <b>*DAAP Fee: 3.70% of Subtotal - Pre H.S.T.</b>  |  |             |                   |                 | <b>\$0.00</b>          |                           |                                     |
| <b>Total of Security (inclusive of HST)</b>   |  |             |                   |                 | <b>\$0.00</b>          |                           |                                     |
| I certify these engineering costs to be the current estimated costs for the works proposed within   |  |             |                   |                 |                        |                           |                                     |
| <b>Name</b>   |  |             |                   |                 |                        |                           |                                     |
| _____   |  |             |                   |                 |                        |                           |                                     |
| <b>Title</b>  |  |             |                   |                 |                        |                           |                                     |
| _____   |  |             |                   |                 |                        |                           |                                     |
| Note: Release of any security will require signoff from all other involved parties certifying all works are completed as per the site plan agreement (i.e.City of Kawartha Lakes Building Division, Parks Canada, Conservation Authority). Upon completion of the site works, the Engineering department will require as-built information, certification, a statutory declaration, and Details regarding the cleaning of the Oil/Grit Separator (OGS) as well as installation certification of the OGS prior to any inspection for security reduction. |  |             |                   |                 |                        |                           |                                     |
|   |  |             |                   |                 |                        |                           |                                     |
|   |  |             |                   |                 |                        |                           |                                     |
|   |  |             |                   |                 |                        |                           |                                     |