

Table 1 - BCE by Standard Cost Category

| Applicable Line Items Only  | YOE Dollars Total    |
|---|----------------------|
| <b>10 GUIDEWAY &amp; TRACK ELEMENTS (1.7 miles)</b>                         | <b>315,926,081</b>   |
| 10.02 Guideway: At-grade semi-exclusive (allows cross-traffic)              | 2,395,143            |
| 10.06 Guideway: Underground cut & cover                                     | 74,407,195           |
| 10.07 Guideway: Underground tunnel  | 224,933,257          |
| 10.09 Track: Direct fixation  | 7,293,157            |
| 10.10 Track: Embedded   | 1,601,763            |
| 10.12 Track: Special (switches, turnouts)                                   | 5,295,566            |
| <b>20 STATIONS, STOPS, TERMINALS, INTERMODAL (4)</b>                        | <b>432,698,735</b>   |
| 20.01 At-grade station, stop, shelter, mall, terminal, platform             | 774,913              |
| 20.03 Underground station, stop, shelter, mall, terminal, platform          | 412,084,888          |
| 20.07 Elevators, escalators   | 19,838,934           |
| <b>40 SITEWORK &amp; SPECIAL CONDITIONS</b>                                 | <b>232,551,627</b>   |
| 40.01 Demolition, Clearing, Earthwork                                       | 8,887,028            |
| 40.02 Site Utilities, Utility Relocation                                    | 29,562,587           |
| 40.03 Haz. mat'l, contam'd soil removal/mitigation, ground water treatments | 2,957,442            |
| 40.04 Environmental mitigation, e.g. wetlands, historic/archeologic, parks  | 3,146,216            |
| 40.05 Site structures including retaining walls, sound walls                | 2,894,074            |
| 40.06 Pedestrian / bike access and accommodation, landscaping               | 14,393,910           |
| 40.07 Automobile, bus, van accessways including roads, parking lots         | 11,919,550           |
| 40.08 Temporary Facilities and other indirect costs during construction     | 158,790,820          |
| <b>50 SYSTEMS</b>   | <b>108,429,774</b>   |
| 50.01 Train control and signals   | 37,447,116           |
| 50.02 Traffic signals and crossing protection                               | 3,013,232            |
| 50.03 Traction power supply: substations                                    | 20,379,634           |
| 50.04 Traction power distribution: catenary and third rail                  | 16,239,951           |
| 50.05 Communications  | 28,545,305           |
| 50.06 Fare collection system and equipment                                  | 2,804,536            |
| <b>Construction Subtotal (10 - 50)</b>                                      | <b>1,089,606,216</b> |
| <b>60 ROW, LAND, EXISTING IMPROVEMENTS</b>                                  | <b>37,398,029</b>    |
| 60.01 Purchase or lease of real estate                                      | 33,798,029           |
| 60.02 Relocation of existing households and businesses                      | 3,600,000            |
| <b>70 VEHICLES (4)</b>  | <b>26,385,653</b>    |
| 70.01 Light Rail  | 26,385,653           |
| <b>80 PROFESSIONAL SERVICES (applies to Cats. 10-50)</b>                    | <b>361,568,360</b>   |
| 80.01 Preliminary Engineering   | 46,317,094           |
| 80.02 Final Design  | 86,053,240           |
| 80.03 Project Management for Design and Construction                        | 191,025,800          |
| 80.04 Construction Administration & Management                              | 15,495,521           |
| 80.05 Professional Liability and other Non-Construction Insurance           | 6,800,000            |
| 80.06 Legal; Permits; Review Fees by other agencies, cities, etc.           | 7,242,340            |
| 80.07 Surveys, Testing, Investigation, Inspection                           | 234,036              |
| 80.08 Start up  | 8,400,329            |
| <b>Subtotal (10 - 80)</b>   | <b>1,514,958,258</b> |
| <b>90 UNALLOCATED CONTINGENCY</b>   | <b>63,341,742</b>    |
| <b>Total Project Cost (10 - 100)</b>  | <b>1,578,300,000</b> |