



APPENDIX 1 - Addendum 2  
WESTBANK FIRST NATION - LOUIE DRIVE AND OLD OKANAGAN HIGHWAY SIDEWALK PROJECT



SCHEDULE OF QUANTITIES AND UNIT PRICES

(See paragraph 5.3.1 of the Instructions to Tender - Part II)

(All prices and Quotations including the contract Price shall include all Taxes, except GST. GST shall be shown separately)

Summary Sheet

| Division | Title                                   | Amount |
|----------|---|--------|
| 01       | General Requirements                    |        |
| 03       | Concrete                                |        |
| 26       | Electrical                              |        |
| 31       | Earthworks                              |        |
| 32       | Roads and Site Improvements             |        |
| 33       | Utilities                               |        |
|          | Construction Contingency Allowance @ 5% |        |
|          | Total, excluding GST                    |        |
|          | GST 5%                                  |        |
|          | Total including GST                     |        |

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| Item #                                    | Payment Section Paragraph | Item Description   | Unit         | Quantity  | Unit Price-\$ | Amount -\$                   |
|---|---------------------------|--|--------------|-----------|---------------|------------------------------|
| <b>Division 01 - General Requirements</b> |                           |  |              |           |               |                              |
| 01.01                                     | 01 53 01                  | SSpec Mobilization / De-Mobilization   | LS           | 1         |               |                              |
| 01.02                                     | 01 33 01                  | SSpec Survey Layout and Project Record Documents   | LS           | 1         |               |                              |
| 01.03                                     | 01 55 00                  | SSpec Traffic/Pedestrian Control, Vehicle Access and Parking   |              |           |               |                              |
|   |                           | a) Traffic/Pedestrian Control Plan   | LS           | 1         |               |                              |
|   |                           | b) Construction Zones - Traffic, Pedestrians and Access Management   | LS           | 1         |               |                              |
| 01.04                                     | 01 53 015                 | SSpec Bonding and Insurance  | LS           | 1         |               |                              |
| 01.05                                     | 01 57 01                  | 1.6.1 Environmental Protection   | LS           | 1         |               |                              |
|   |                           |  |              |           |               | <b>Sub-Total Division 01</b> |
| <b>Division 03 - Concrete</b>             |                           |  |              |           |               |                              |
| 03.01                                     | 03 30 20                  | 1.4.3s Concrete Curb and Gutter  |              |           |               |                              |
|   |                           | a) Barrier Type, MMCD C4   | lin.m        | 1,345     |               |                              |
|   |                           | <b>b) Barrier Type, 0.6m MOTI Standard</b>   | <b>lin.m</b> | <b>15</b> |               |                              |
| 03.02                                     | 03 30 20                  | 1.4.5s Concrete Sidewalk, MMCD C2, 100mm thk c/w 100mm base  | sq.m         | 1,570     |               |                              |
| 03.03                                     | 03 30 20                  | SSpec Basalite Retaining Walls c/w Excavation, 150mm Granular Base, Geogrid, No-Fines Concrete, 100mm Perforated PVC Drain Pipe, 300mm wide Chimney Drain and Backfill |              |           |               |                              |
|   |                           | a) Bayview Estates c/w No-Fines Concrete   | sq.m         | 165       |               |                              |
|   |                           | b) Landscape Wall  | sq.m         | 50        |               |                              |
|   |                           | c) Wall A  | sq.m         | 95        |               |                              |
|   |                           | d) Wall C  | sq.m         | 100       |               |                              |
| 03.04                                     | 03 30 20                  | 1.4.6s Driveway Crossings, MMCD C7, 200mm thk c/w 100mm base   | sq.m         | 20        |               |                              |
|   |                           |  |              |           |               | <b>Sub-Total Division 03</b> |
| <b>Division 26 - Electrical</b>           |                           |  |              |           |               |                              |

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|--|---------------------------|------------------|---|---------------|------------------------------|------------|
| 26.01  | 26 56 01                  | SSpec            | Streetlighting Upgrades - Complete as per DMD Dwgs 7094-20-01/02  | LS            | 1                            |            |
|  |                           |                  |   |               | <b>Sub-Total Division 26</b> |            |
| <b>Division 31 - Earthworks</b>                  |                           |                  |   |               |                              |            |
| 31.01  | 31 11 01                  | 1.4.1s           | Clearing and Grubbing, including grass removal  | LS            | 1                            |            |
| 31.02  | 31 22 01                  | 1.4.1s           | Topsoil Stripping - Removal & Disposal (Assumed 150mm depth)  | cu.m          | 180                          |            |
| 31.03  | 31 23 01                  | 1.10.3s          | Unsuitable Trench Material - Remove, dispose, replace with 150mm minus, as directed                                       | cu.m          | 100                          |            |
| 31.04  | 31 24 13                  | 1.86s            | Common Excavation to Subgrade - Remove and Dispose Offsite  | cu.m          | 1,600                        |            |
| 31.05  | 31 24 13                  | 1.8.6s           | Common Excavation to Subgrade - Remove, Place and Compact Onsite  | cu.m          | 500                          |            |
| 31.06  | 31 24 13                  | 1.8.7            | Import Granular Fill - Supply, place & compact  | cu.m          | 1,000                        |            |
| 31.07  | 31 24 13                  | 1.8.9s           | Subgrade Preparation - 0.3m from back of curb   | sq.m          | 6,550                        |            |
| 31.08  | 31 24 13                  | 1.8.10           | Unsuitable Road Subgrade - Remove, dispose, replace with 75mm minus, as directed  | cu.m          | 100                          |            |
|  |                           |                  |   |               | <b>Sub-Total Division 31</b> |            |
| <b>Division 32 - Roads and Site Improvements</b> |                           |                  |   |               |                              |            |
| 32.01  | 32 01 12                  | Sspec            | Sitework, Demolition, Relocation and Removal:   |               |                              |            |
|  |                           |                  | a) Asphalt Removal and Disposal ( <b>Small Sections at Roadways and Driveways</b> ) - All Depths c/w Saw Cuts as required | sq.m          | <b>750</b>                   |            |
|  |                           |                  | <b>b) Asphalt Removal and Disposal (Full Lane at Louie Dr) - All Depths c/w Saw Cuts and/or Pulverization as required</b> | <b>sq.m</b>   | <b>2,500</b>                 |            |
|  |                           |                  | c) Remove, dispose existing concrete headwall   | ea            | 2                            |            |
|  |                           |                  | d) Remove, dispose existing 300mm - 600mm culverts  | LS            | 1                            |            |
|  |                           |                  | e) Remove existing retaining wall blocks - deliver to WFN Yards   | LS            | 1                            |            |
|  |                           |                  | f) Remove, dispose existing MH  | ea            | 1                            |            |
| 32.02  | 32 01 16                  | 1.5.1            | Asphalt Milling, c/w Delivery to WFN Yards  |               |                              |            |
|  | 32 01 16.7                | 1.5.1            | a) Lap Joints - 35mm depth  | <b>lin.m.</b> | <b>1,900</b>                 |            |

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|--------------|--------------------------------|------------------|--|--------------|---------------|------------------------------|
|              | 32 01 16.8                     | 1.5.1            | b) 50mm Asphalt Depth - Louie Drive, South Lane (Optional)   | sq.m         | 1,475         |                              |
| 32.03        | 32 11 16.1                     | 1.4.3            | Granular Sub-Base, 400mm thickness - 75mm minus Pit Run Gravel   | sq.m         | 6,550         |                              |
| 32.04        | 32 11 23                       | 1.4.2            | Granular Base, 150mm thickness - 25mm minus Crush Gravel   | sq.m         | 6,550         |                              |
| 32.05        | 32 11 23                       | 1.4.2            | Granular Shouldering, 150mm thickness - 25mm minus Crush Gravel  | sq.m         | 220           |                              |
| 32.06        | 32 12 16                       | 1.5.1s           | Asphalt Pavement, 75mm thickness   | sq.m         | 5,800         |                              |
| 32.07        | 32 12 16                       | 1.5.1s           | Asphalt Pavement, 50mm thickness at Louie Drive Centre Area (Optional)                                   | sq.m         | 1,475         |                              |
| 32.08        | 32 12 16                       | 1.5.3s           | Misc Asphalt, 50mm thick c/w 100mm compacted crush granular bedding MMCD Upper Course #2, Driveways      | sq.m         | 100           |                              |
| 32.09        | 32 17 23                       | 1.5              | Pavement Markings and Signage as per Dwgs PMS01, PMS02, PMS03 & PMS04                                    | LS           | 1             |                              |
| 32.10        | 32 91 21                       | 1.4.1            | Topsoil - Supply & Place   | sq.m         | 3,100         |                              |
| 32.11        | 32 92 19                       | 1.8.1            | Hydro-Mulch - 4,500 kg/ha application rate. Ministry of Transportation Seed Mix. Flexterra HP-FGM mulch. | sq.m         | 3,100         |                              |
| <b>32.12</b> |                                |                  | <b>Asphalt Curb - 150mm height, tie to new curb and gutter</b>   | <b>lin.m</b> | <b>10</b>     |                              |
|              |                                |                  |  |              |               | <b>Sub-Total Division 32</b> |
|              | <b>Division 33 - Utilities</b> |                  |  |              |               |                              |
|              |                                |                  | <b>WATER WORKS:</b>  |              |               |                              |
| 33.01        | 33 11 01                       | 1.8.1            | Watermain - All Depths   |              |               |                              |
|              |                                |                  | a) 200mm dia., Ductile Iron, Pressure Class 350, Tyton Joint   | lm           | 15            |                              |
|              |                                |                  | b) 300mm dia., DR18, C900  | lm           | 180           |                              |
| 33.02        | 33 11 01                       | 1.8.3            | 200mm dia. Bends   |              |               |                              |
|              |                                |                  | a) 22.5° Vertical Bend c/w Thrust Block  | ea           | 1             |                              |
|              |                                |                  | b) 45° Vertical Bend c/w Thrust Block  | ea           | 2             |                              |
| 33.04        | 33 11 01                       | 1.8.3            | 300mm dia. Bends   |              |               |                              |
|              |                                |                  | a) 22.5° c/w Thrust Block  | ea           | 2             |                              |

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|              |                           | <b>b) 45° c/w Thrust Block</b>  | ea        | <b>2</b> |               |            |
| 33.05        | 33 11 01                  | 1.8.3 300x300x200mm dia. Tee c/w Thrust Block                                       | ea        | 1        |               |            |
| 33.06        | 33 11 01                  | 1.8.3 <b>Reducers</b>   |           |          |               |            |
|              |                           | <b>a) 300mm x 250mm</b>   | ea        | <b>1</b> |               |            |
|              |                           | <b>b) 500mm x 300mm</b>   | ea        | <b>1</b> |               |            |
| 33.07        | 33 11 01                  | 1.8.3s Joint Restrainers - Pipe to Pipe   | ea        | 25       |               |            |
| 33.08        | 33 11 01                  | 1.8.3s Joint Restrainers - Pipe to Flange   | ea        | 27       |               |            |
| 33.09        | 33 11 01                  | 1.8.3 Gate Valves   |           |          |               |            |
|              |                           | a) 200mm dia.   | ea        | 1        |               |            |
|              |                           | <b>b) 300mm dia.</b>  | ea        | <b>2</b> |               |            |
| 33.10        | 33 11 01                  | 1.8.12s Tie-In to Existing Watermain c/w Coupler                                    | ea        | 3        |               |            |
| 33.11        | 33 11 01                  | SSpec Cut & Cap Existing Watermain to be Abandoned                                  |           |          |               |            |
|              |                           | a) 250mm Watermain  | ea        | 2        |               |            |
|              |                           | b) 300mm Watermain  | ea        | 2        |               |            |
| 33.12        | 33 11 01                  | Sspec Raise Existing Water Valve Nelson Box's to new grade                          | ea        | 8        |               |            |
| 33.13        | 33 11 01                  | SSpec Testing of Watermains to <b>WFN and MMCD Standards</b> . Includes all Testing | LS        | 1        |               |            |
| <b>33.14</b> | <b>33 11 01</b>           | <b>1.8.4 Remove and replace existing curb stop servicing OK Ready Mix.</b>          | <b>LS</b> | <b>1</b> |               |            |
|              |                           | <b>STORM SEWER WORKS:</b>   |           |          |               |            |
| 33.14        | 33 40 01                  | 1.6.2 Storm Pipe - All Depths   |           |          |               |            |
|              |                           | a) 375mm SDR35 PVC Main   | lm        | 375      |               |            |
|              |                           | b) 525mm SDR35 PVC Main   | lm        | 13       |               |            |
|              |                           | c) 750mm SDR35 PVC Main   | lm        | 100      |               |            |

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|--------|---------------------------|------------------|---|----------|------------------------------|------------|
|        |                           | Sspec            | d) 200mm DR35 PVC Perforated Storm Pipe   | lm       | 10                           |            |
| 33.15  | 33 40 01                  | 1.6.2s           | Unsuitable Trench Material - Remove, dispose, replace with 25mm - 50mm Drain Rock, as directed  | cu.m     | 50                           |            |
| 33.16  | 33 40 01                  | 1.6.2            | 400mm to 200mm Reducer  | ea       | 1                            |            |
| 33.17  | 33 40 01                  | 1.6.2            | 200mm dia. Bend   | ea       | 1                            |            |
| 33.18  | 33 40 01                  | 1.6.2            | Storm Drainage, 200mm to 375mm dia. CAP   | ea       | 3                            |            |
| 33.19  | 33 40 01                  | 1.6.3            | CB Lead Connections - 250mm Inserta Tees  |          |                              |            |
|        |                           |                  | a) 375x250 Inserta Tee  | ea       | 3                            |            |
| 33.20  | 33 40 01                  | 1.6.5            | Storm CB Leads - 250mm SDR35 PVC  | lm       | 90                           |            |
| 33.21  | 33 40 01                  | Sspec            | Tie-Ins to Existing Storm Main  | LS       | 4                            |            |
| 33.22  | 33 44 01                  | 1.5.1.1          | Manholes: Base, Lid, Frame & Cover  |          |                              |            |
|        |                           |                  | a) 1050mm dia.  | ea       | 6                            |            |
|        |                           |                  | a) 1350mm dia.  | ea       | 3                            |            |
| 33.23  | 33 44 01                  | 1.5.1.2          | Manhole Barrels - measured underside of lid to top of base barrel   |          |                              |            |
|        |                           |                  | a) 1050mm dia.  | v.m      | 11                           |            |
|        |                           |                  | a) 1350mm dia.  | v.m      | 8                            |            |
| 33.24  | 33 44 01                  | 1.5.2            | Catchbasins, Side Inlet   |          |                              |            |
|        |                           |                  | a) Single Catchbasin - WFN DWG SD-S3  | ea       | 14                           |            |
|        |                           |                  | b) Double Catchbasin c/w 200 PVC DR35 connection between catchbasins  | ea       | 2                            |            |
| 33.25  | 33 44 01                  | Sspec            | Adjust Existing MH Frame & Cover to New Grades  |          |                              |            |
|        |                           |                  | a) Adjust existing MH-C cover (Old Okanagan Hwy) to suit new grades, includes new grade rings and replacement of slotted cover with solid cover | ea       | 1                            |            |
|        |                           |                  |   |          | <b>Sub-Total Division 33</b> |            |