

**FORM A: BID**  
(See B9)

1. Contract Title 2019 OUTFALL RENEWAL AND REHABILITATION

2. Bidder

\_\_\_\_\_  
Name of Bidder

\_\_\_\_\_  
Usual Business Name of Bidder as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
Email Address of Bidder

\_\_\_\_\_  
Facsimile Number

(Mailing address if different)

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
GST Registration Number (if applicable)

(Choose one)

The Bidder is:

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

\_\_\_\_\_  
Contact Person

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Facsimile Number

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the Total Bid Price, in Canadian funds, set out on Form B: Prices, appended hereto.
6. Bid Security In accordance with B14.1, the Bidder encloses bid security in the form of a bid bond (Form G1: Bid Bond and Agreement to Bond) and agrees that it shall be held by the City in accordance with the Contract.
7. Execution of Contract The Bidder agrees to execute and return the Contract no later than seven (7) Calendar Days after receipt of the Contract, in the manner specified in C4.
8. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a letter of intent from the Award Authority authorizing the commencement of the Work.
9. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
10. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:
- | No.   | Dated |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
11. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.
12. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.
- YES, 51% or more Indigenous ownership
- NO, it is not
- This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

13. Signatures

The Bidder or the Bidder's authorized official or officials have signed this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ .

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION   | SPEC. REF.     | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT    |  |
|----------|---|----------------|----------------|------------------|------------|-----------|--|
| <b>A</b> | <b><u>BISHOP GRANDIN OUTFALL (S-MA70015994)</u></b> |                |                |                  |            |           |  |
| A1       | Site Development and Restoration                    | E11            | lump sum       | 1                |            |           |  |
| A2       | Supply and Installation of Outfall Pipe             | E16            |                |                  |            |           |  |
|          | a) 800 mm diameter CMP c/w Polymer Coating (2.0 mm) |                | l.m.           | 17.7             |            |           |  |
| A3       | Connect 800 mm diameter CMP to manhole              | E16            | each           | 1                |            |           |  |
| A4       | Supply and Installation of Debris Grate             | E16            |                |                  |            |           |  |
|          | a) 800 mm diameter Debris Grate                     |                | each           | 1                |            |           |  |
| A5       | Geotextile  | E19            | m <sup>2</sup> | 60               |            |           |  |
| A6       | Grouted Riprap                                      | E25/CW 3615-R4 | m <sup>3</sup> | 35               |            |           |  |
| A7       | Tree Removal  | E13            |                |                  |            |           |  |
|          | a) 50 mm to 249 mm diameter                         |                | each           | 1                |            |           |  |
|          | b) 250 mm to 500 mm diameter                        |                | each           | 1                |            |           |  |
| A8       | Tree Revegation                                     | E20            |                |                  |            |           |  |
|          | a) Manitoba Maple                                   |                | each           | 1                |            |           |  |
|          | b) Basswood   |                | each           | 1                |            |           |  |
|          | c) Cottonwood                                       |                | each           | 1                |            |           |  |
| A9       | Installation of silt Fence                          | E12            | l.m.           | 15               |            |           |  |
| A10      | Riverbank Regrading                                 | E18            | m <sup>3</sup> | 25               |            |           |  |
| A11      | Erosion Control Blankets                            | E27            | m <sup>2</sup> | 100              |            |           |  |
| A12      | Topsoil and Seeding (Native Grass Seed Mix)         | E20            | m <sup>2</sup> | 500              |            |           |  |
| A13      | Sewer Inspection                                    | E22            |                |                  |            |           |  |
|          | a) Outfall (17.7 m - 800 mm diameter CMP)           |                | l.m.           | 17.7             |            |           |  |
| <b>A</b> | <b><u>BISHOP GRANDIN OUTFALL (S-MA70015994)</u></b> |                |                |                  |            | Subtotal: |  |
| <b>B</b> | <b><u>GATEWAY ROAD OUTFALL (S-MA40003056)</u></b>   |                |                |                  |            |           |  |
| B1       | Site Development and Restoration                    | E11            | lump sum       | 1                |            |           |  |
| B2       | Supply and Installation of Outfall Pipe             | E16            |                |                  |            |           |  |

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM | DESCRIPTION  | SPEC. REF.  | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|------|--|-------------|----------------|------------------|------------|--------|
| B3   | a) 2120 mm diameter SPCSP (3.0 mm) c/w Polymer Coating<br>Construction of Concrete Collar  | E17         | l.m.           | 12.7             |            |        |
| B4   | a) 2120 mm diameter<br>Supply and Installation of Debris Grate                             | E16         | each           | 1                |            |        |
| B5   | a) 2120 mm diameter Debris Grate<br>Geotextile   | E19         | each           | 1                |            |        |
| B6   | Grouted Riprap   | E25         | m <sup>2</sup> | 80               |            |        |
| B7   | Tree Removal   | E13         | m <sup>3</sup> | 35               |            |        |
|      | a) 50 mm to 250 mm diameter  |             | each           | 3                |            |        |
|      | b) 249 mm to 500 mm diameter   |             | each           | 1                |            |        |
| B8   | Tree Revegation  | E20         |                |                  |            |        |
|      | a) Manitoba Maple  |             | each           | 1                |            |        |
|      | b) Basswood  |             | each           | 2                |            |        |
|      | c) Cottonwood  |             | each           | 3                |            |        |
| B9   | Installation of silt Fence   | E12         | l.m.           | 20               |            |        |
| B10  | Erosion Control Blankets   | E27         | m <sup>2</sup> | 110              |            |        |
| B11  | Topsoil and Seeding (Native Grass Seed Mix)  | E20         | m <sup>2</sup> | 60               |            |        |
| B12  | Sodding  | CW3510-R9   |                |                  |            |        |
|      | a) Width > or = 600mm  |             | m <sup>2</sup> | 50               |            |        |
| B13  | Sewer Inspection   | E22         |                |                  |            |        |
|      | a) 2120 mm diameter outfall (12.7 m SPCSP) and 1825 mm diameter outfall (54.21 m Concrete) |             | l.m.           | 66.9             |            |        |
| B14  | Crushed Sub-base Material  | CW 3110-R19 |                |                  |            |        |
|      | a) 50 mm   |             | tonne          | 25               |            |        |
| B15  | Supplying and Placing Base Course Material   | CW 3110-R19 | m <sup>3</sup> | 5                |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION  | SPEC. REF.  | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|--|-------------|----------------|------------------|------------|--------|
| B16      | Pavement Removal                                       | CW 3110-R19 |                |                  |            |        |
|          | a) Asphalt Pavement                                    |             | m <sup>2</sup> | 15               |            |        |
| B17      | Construction of Asphaltic Concrete Pavements           | CW 3410-R11 |                |                  |            |        |
|          | a) Tie-ins and Approaches                              |             |                |                  |            |        |
|          | i) Type IA   |             | tonne          | 10               |            |        |
| B18      | Riverbank Regrading                                    | E18         | m <sup>3</sup> | 25               |            |        |
| <b>B</b> | <b><u>GATEWAY ROAD OUTFALL (S-MA40003056)</u></b>      |             |                |                  | Subtotal:  |        |
| <b>C</b> | <b><u>HENDERSON HWY. OUTFALL (S-MA4000289)</u></b>     |             |                |                  |            |        |
| C1       | Site Development and Restoration                       | E11         | lump sum       | 1                |            |        |
| C2       | Pipe Removal   | E16         |                |                  |            |        |
|          | a) 3.5 m of existing 1050 mm diameter concrete pipe    |             | l.m.           | 3.5              |            |        |
|          | b) 23.6 m of existing 1200 mm diameter CSP             |             | l.m.           | 23.6             |            |        |
| C3       | Supply and Installation of Outfall Pipe                | E16         |                |                  |            |        |
|          | a) 1200 mm diameter CMP (2.0 mm) c/w polymer coating   |             | l.m.           | 26.8             |            |        |
| C4       | Supply and Installation of Pipe Fittings               | E16         |                |                  |            |        |
|          | a) 1200 mm diameter Polymer Coated Internal Slip Joint |             | each           | 2                |            |        |
| C5       | Supply and Installation of Debris Gate                 | E16         |                |                  |            |        |
|          | a) 1200 mm diameter Debris Gate                        |             | each           | 1                |            |        |
| C6       | Supply and Install Manhole                             | CW 2130     |                |                  |            |        |
|          | SD-011, 2100 mm base                                   |             | vert. m        | 4                |            |        |
| C7       | Connect 1200 mm diameter CMP to manhole                | E16         | each           | 1                |            |        |
| C8       | Geotextile   | E19         | m <sup>2</sup> | 75               |            |        |
| C9       | Rockfill Riprap  | E15         | tonne          | 145              |            |        |
| C10      | Riverbank Regrading                                    | E18         | m <sup>3</sup> | 50               |            |        |
| C11      | Tree Removal   | E13         |                |                  |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM              | DESCRIPTION   | SPEC. REF. | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |  |
|-------------------|---|------------|----------------|------------------|------------|--------|--|
| C12               | a) 50 mm to 249 mm diameter                           | E20        | each           | 2                |            |        |  |
|                   | b) 250 mm to 500 mm diameter                          |            | each           | 2                |            |        |  |
| Tree Revegation   |   |            |                |                  |            |        |  |
| a) Manitoba Maple | each  |            | 2              |                  |            |        |  |
| b) American Elm   | each  |            | 2              |                  |            |        |  |
| c) Basswood       | each  |            | 2              |                  |            |        |  |
| d) Cottonwood     | each  |            | 2              |                  |            |        |  |
| C13               | Installation of silt Fence                            |            | E12            | l.m.             | 50         |        |  |
| C14               | Erosion Control Blankets                              |            | E27            | m <sup>2</sup>   | 150        |        |  |
| C15               | Topsoil and Seeding (Native Grass Seed Mix)           |            | E20            | m <sup>2</sup>   | 150        |        |  |
| C16               | Sodding   | CW3510-R9  | m <sup>2</sup> | 20               |            |        |  |
|                   | a) Width > or = 600mm                                 |            |                |                  |            |        |  |
| C17               | Sewer Inspection                                      | E22        |                |                  |            |        |  |
|                   | a) 1200 mm diameter CMP Outfall                       |            | l.m.           | 26.8             |            |        |  |
| <b>C</b>          | <b><u>HENDERSON HWY. OUTFALL (S-MA40000289)</u></b>   |            |                |                  | Subtotal:  |        |  |
| <b>D</b>          | <b><u>HINDLEY AVE. OUTFALL (S-MA50018567)</u></b>     |            |                |                  |            |        |  |
| D1                | Site Development and Restoration                      | E11        | lump sum       | 1                |            |        |  |
| D2                | Supply and Installation of Outfall Pipe               | E16        |                |                  |            |        |  |
|                   | a) 600 mm diameter CMP (2.0 mm) c/w Polymer Coating   |            | l.m.           | 30               |            |        |  |
| D3                | Supply and Installation of Pipe Fittings              | E16        |                |                  |            |        |  |
|                   | a) 600 mm diameter Polymer Coated External Slip Joint |            | each           | 1                |            |        |  |
| D4                | Connect 600 mm diameter CMP to existing manhole       | E16        | each           | 1                |            |        |  |
| D5                | Supply and Installation of Debris Gate                | E16        |                |                  |            |        |  |
|                   | a) 600 mm diameter Debris Gate                        |            | each           | 1                |            |        |  |
| D6                | Geotextile  | E19        | m <sup>2</sup> | 50               |            |        |  |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION                                       | SPEC. REF.     | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|---|----------------|----------------|------------------|------------|--------|
| D7       | Grouted Riprap                                    | E25/CW 3615-R4 | m <sup>3</sup> | 25               |            |        |
| D8       | Tree Removal                                      | E13            |                |                  |            |        |
|          | a) 50 mm to 249 mm diameter                       |                | each           | 3                |            |        |
|          | b) 250 mm to 500 mm diameter                      |                | each           | 3                |            |        |
| D9       | Tree Revegation                                   | E20            |                |                  |            |        |
|          | a) Manitoba Maple                                 |                | each           | 2                |            |        |
|          | b) Cottonwood                                     |                | each           | 2                |            |        |
|          | c) American Elm                                   |                | each           | 2                |            |        |
|          | d) Basswood                                       |                | each           | 2                |            |        |
| D10      | Installation of silt Fence                        | E12            | l.m.           | 50               |            |        |
| D11      | Riverbank Regrading                               | E18            | m <sup>3</sup> | 50               |            |        |
| D12      | Erosion Control Blankets                          | E27            | m <sup>2</sup> | 90               |            |        |
| D13      | Topsoil and Seeding (Native Grass Seed Mix)       | E20            | m <sup>2</sup> | 90               |            |        |
| D14      | Sodding   |                |                |                  |            |        |
|          | a) Width > or = 600mm                             | CW3510-R9      | m <sup>2</sup> | 60               |            |        |
| D15      | Temporary Surface Restoration                     | E30            | m <sup>2</sup> | 10               |            |        |
| D16      | Pavement Removal                                  | CW3110-R19     |                |                  |            |        |
|          | a) Concrete Pavement                              |                | m <sup>2</sup> | 10               |            |        |
| D17      | Full depth partial slab patches                   | CW3230-R8      |                |                  |            |        |
|          | a) 200 mm reinforced concrete pavement            |                | m <sup>2</sup> | 10               |            |        |
| D18      | Concrete Curb Installation                        |                |                |                  |            |        |
|          | a) Barrier (150 mm reveal ht, Dowelled)           | SD-205         | m              | 10               |            |        |
| D19      | Sewer Inspection                                  | E22            |                |                  |            |        |
|          | a) 600 mm diameter CMP outfall                    |                | l.m.           | 30               |            |        |
| <b>D</b> | <b><u>HINDLEY AVE. OUTFALL (S-MA50018567)</u></b> |                |                |                  | Subtotal:  |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION   | SPEC. REF.  | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|---|-------------|----------------|------------------|------------|--------|
| <b>E</b> | <b><u>JAE EADIE PARK OUTFALL (S-MA20008967)</u></b> |             |                |                  |            |        |
| E1       | Site Development and Restoration                    | E11         | lump sum       | 1                |            |        |
| E2       | Pipe Removal  | E16         |                |                  |            |        |
|          | a) Existing 2280 mm diameter SPCSP                  |             | l.m.           | 2                |            |        |
| E3       | Supply and Installation of Outfall Pipe             | E16         |                |                  |            |        |
|          | a) 2280 mm diameter SPCSP c/w polymer coating       |             | l.m.           | 2                |            |        |
| E4       | Geotextile  | E19         | m <sup>2</sup> | 120              |            |        |
| E5       | Rockfill Riprap                                     | E15         | tonne          | 230              |            |        |
| E6       | Tree Removal  | E13         |                |                  |            |        |
|          | a) 50 mm to 249 mm diameter                         |             | each           | 1                |            |        |
|          | b) 250 mm to 499 mm diameter                        |             | each           | 1                |            |        |
|          | c) Greater than 500 mm diameter                     |             | each           | 1                |            |        |
| E7       | Tree Revegation                                     | E20         |                |                  |            |        |
|          | a) Manitoba Maple                                   |             | each           | 1                |            |        |
|          | b) Oak  |             | each           | 2                |            |        |
|          | c) American Elm                                     |             | each           | 3                |            |        |
| E8       | Installation of silt Fence                          | E12         | l.m.           | 50               |            |        |
| E9       | Erosion Control Blankets                            | E27         | m <sup>2</sup> | 120              |            |        |
| E10      | Topsoil and Seeding (Native Grass Seed Mix)         | E20         | m <sup>2</sup> | 120              |            |        |
| E11      | Sewer Inspection                                    | E22         |                |                  |            |        |
|          | a) 2340 mm diameter outfall                         |             | l.m.           | 35.6             |            |        |
| E12      | Temporary Surface Restoration                       | E30         | m <sup>2</sup> | 15               |            |        |
| E13      | Crushed Sub-base Material                           | CW 3110-R19 |                |                  |            |        |
|          | a) 50 mm  |             | tonne          | 20               |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION  | SPEC. REF.  | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|--|-------------|----------------|------------------|------------|--------|
| E14      | Supplying and Placing Base Course Material           | CW 3110-R19 | m <sup>3</sup> | 5                |            |        |
| E15      | Pavement Removal                                     | CW 3110-R19 |                |                  |            |        |
|          | a) Asphalt Pavement                                  |             | m <sup>2</sup> | 20               |            |        |
| E16      | Miscellaneous Concrete Slab Removal                  | CW 3235-R9  |                |                  |            |        |
|          | a) 100 mm Sidewalk                                   |             | m <sup>2</sup> | 15               |            |        |
| E17      | Miscellaneous Concrete Slab Installation             | CW 3235-R9  |                |                  |            |        |
|          | a) 100 mm Sidewalk                                   | SD-228A     | m <sup>2</sup> | 15               |            |        |
| E18      | Concrete Curb Installation                           | CW 3240-R10 |                |                  |            |        |
|          | a) Barrier (150 mm reveal ht, Dowelled)              | SD-205      | m              | 10               |            |        |
| E19      | Construction of Asphaltic Concrete Pavements         | CW 3410-R11 |                |                  |            |        |
|          | a) Tie-ins and Approaches                            |             |                |                  |            |        |
|          | i) Type IA   |             | tonne          | 10               |            |        |
| E20      | Installation of Concrete Headwall                    | E16         | lump sum       | 1                |            |        |
| <b>E</b> | <b><u>JAE EADIE PARK OUTFALL (S-MA20008967)</u></b>  |             |                |                  | Subtotal:  |        |
| <b>F</b> | <b><u>NORTH DRIVE OUTFALL (S-MA60013422)</u></b>     |             |                |                  |            |        |
| F1       | Site Development and Restoration                     | E11         | lump sum       | 1                |            |        |
| F2       | Supply and Installation of Outfall Pipe              | E16         |                |                  |            |        |
|          | a) 1400 mm diameter CMP (2.8 mm) c/w Polymer Coating |             | l.m.           | 54.1             |            |        |
| F3       | Construction of Concrete Collar                      | E17         |                |                  |            |        |
|          | a) 1400 mm diameter                                  |             | lump sum       | 1                |            |        |
| F4       | Geotextile   | E19         | m <sup>2</sup> | 60               |            |        |
| F5       | Rockfill Riprap                                      | E15         | tonne          | 125              |            |        |
| F6       | Tree Removal   | E13         |                |                  |            |        |
|          | a) 50 mm to 249 mm diameter                          |             | each           | 5                |            |        |
|          | b) 250 mm to 499 mm diameter                         |             | each           | 2                |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION   | SPEC. REF.  | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|---|-------------|----------------|------------------|------------|--------|
| F7       | c) Greater than 500 mm diameter<br>Tree Revegation        | E20         | each           | 1                |            |        |
|          | a) Manitoba Maple   |             | each           | 4                |            |        |
|          | b) Oak  |             | each           | 4                |            |        |
|          | c) American Elm   |             | each           | 3                |            |        |
| F8       | Installation of Silt Fence                                | E12         | l.m.           | 50               |            |        |
| F9       | Erosion Control Blankets                                  | E27         | m <sup>2</sup> | 200              |            |        |
| F10      | Topsoil and Seeding (Native Grass Seed Mix)               | E20         | m <sup>2</sup> | 200              |            |        |
| F11      | Sodding   | CW3510-R9   |                |                  |            |        |
|          | a) Width > or = 600mm                                     |             | m <sup>2</sup> | 60               |            |        |
| F12      | Sewer Inspection  | E22         |                |                  |            |        |
|          | a) Outfall (65.0 m - 1200 Concrete and 54.1 m - 1400 CMP) |             | l.m.           | 120              |            |        |
| F13      | Replace Existing Manhole Cover                            | CW-2130 R12 |                |                  |            |        |
|          | a) AP-005 Standard Solid Cover for Standard Frame         |             | each           | 1                |            |        |
| <b>F</b> | <b><u>NORTH DRIVE OUTFALL (S-MA60013422)</u></b>          |             |                |                  | Subtotal:  |        |
| <b>G</b> | <b><u>PEMBINA HWY. OUTFALL (S-MA70028476)</u></b>         |             |                |                  |            |        |
| G1       | Site Development and Restoration                          | E11         | lump sum       | 1                |            |        |
| G2       | Supply and Installation of Outfall Pipe                   | E16         |                |                  |            |        |
|          | a) 525 mm diameter CMP (2.0 mm) c/w Polymer Coating       |             | l.m.           | 66.3             |            |        |
| G3       | Supply and Installation of Pipe Fittings                  | E16         |                |                  |            |        |
|          | a) 525 mm diameter External Slip Joint                    |             | each           | 1                |            |        |
|          | b) 22.5 degree bend - 525 mm diameter CMP                 |             | each           | 1                |            |        |
| G4       | Connect 525 mm diameter CMP pipe to existing Manhole      | E16         | each           | 1                |            |        |
| G5       | Replace Existing 150 mm diameter CMP Culvert              | CW2130      | l.m.           | 10               |            |        |
| G6       | Supply and Installation of Debris Gate                    | E16         |                |                  |            |        |
|          | a) 525 mm diameter Debris Gate                            |             | each           | 1                |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION   | SPEC. REF. | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|---|------------|----------------|------------------|------------|--------|
| G7       | Geotextile  | E19        | m <sup>2</sup> | 40               |            |        |
| G8       | Riverstone Rockfill Riprap                            | E15        | tonne          | 95               |            |        |
| G9       | Tree Removal  | E13        |                |                  |            |        |
|          | a) 50 mm to 249 mm diameter                           |            | each           | 2                |            |        |
|          | b) 250 mm to 500 mm diameter                          |            | each           | 1                |            |        |
| G10      | Tree Revegation                                       | E20        |                |                  |            |        |
|          | a) Manitoba Maple                                     |            | each           | 1                |            |        |
|          | b) Basswood   |            | each           | 2                |            |        |
|          | c) American Elm                                       |            | each           | 2                |            |        |
| G11      | Installation of silt Fence                            | E12        | l.m.           | 50               |            |        |
| G12      | Riverbank Regrading                                   | E18        | m <sup>3</sup> | 25               |            |        |
| G13      | Erosion Control Blankets                              | E27        | m <sup>2</sup> | 165              |            |        |
| G14      | Topsoil and Seeding (Native Grass Seed Mix)           | E20        | m <sup>2</sup> | 165              |            |        |
| G15      | Sodding   | CW3510-R9  |                |                  |            |        |
|          | a) Width > or = 600mm                                 |            | m <sup>2</sup> | 60               |            |        |
| G16      | Sewer Inspection                                      | E22        |                |                  |            |        |
|          | a) Outfall (66.3 m - 525 mm CMP)                      |            | l.m.           | 66.3             |            |        |
| <b>G</b> | <b><u>PEMBINA HWY. OUTFALL (S-MA70028476)</u></b>     |            |                |                  | Subtotal:  |        |
| <b>H</b> | <b><u>RED RIVER BLVD. OUTFALL (S-MA00000073)</u></b>  |            |                |                  |            |        |
| H1       | Site Development and Restoration                      | E11        | lump sum       | 1                |            |        |
| H2       | Supply and Installation of Outfall Pipe               | E16        |                |                  |            |        |
|          | a) 750 mm diameter CMP c/w Polymer Coating            |            | l.m.           | 34.6             |            |        |
| H3       | Supply and Installation of Pipe Fittings              | E16        |                |                  |            |        |
|          | a) 750 mm diameter Polymer Coated External Slip Joint |            | each           | 1                |            |        |
| H4       | Construction of Concrete Collar                       | E16        | each           | 1                |            |        |
| H5       | Geotextile  | E19        | m <sup>2</sup> | 40               |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION  | SPEC. REF.     | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|--|----------------|----------------|------------------|------------|--------|
| H6       | Grouted Riprap                                       | E25/CW 3615-R4 | m <sup>3</sup> | 25               |            |        |
| H7       | Tree Removal   | E13            |                |                  |            |        |
|          | a) 50 mm to 249 mm diameter                          |                | each           | 8                |            |        |
|          | b) 250 mm to 499 mm diameter                         |                | each           | 2                |            |        |
|          | c) Greater than 500 mm diameter                      |                | each           | 1                |            |        |
| H8       | Tree Revegation                                      | E20            |                |                  |            |        |
|          | a) Manitoba Maple                                    |                | each           | 4                |            |        |
|          | b) Cottonwood  |                | each           | 4                |            |        |
|          | c) Basswood  |                | each           | 4                |            |        |
|          | d) American Elm                                      |                | each           | 4                |            |        |
| H9       | Installation of silt Fence                           | E12            | l.m.           | 50               |            |        |
| H10      | Riverbank Regrading                                  | E18            | m <sup>3</sup> | 30               |            |        |
| H11      | Erosion Control Blankets                             | E27            | m <sup>2</sup> | 250              |            |        |
| H12      | Topsoil and Seeding (Native Grass Seed Mix)          | E20            | m <sup>2</sup> | 250              |            |        |
| H13      | Sewer Inspection                                     | E22            |                |                  |            |        |
|          | a) Existing 600 mm diameter concrete outfall         |                | l.m.           | 48               |            |        |
|          | b) Outfall 34.6 m - 750 mm diameter CMP              |                | l.m.           | 34.6             |            |        |
| <b>H</b> | <b><u>RED RIVER BLVD. OUTFALL (S-MA00000073)</u></b> |                |                |                  | Subtotal:  |        |
| <b>I</b> | <b><u>ST. CHARLES ST. OUTFALL (S-MA20003569)</u></b> |                |                |                  |            |        |
| I1       | Site Development and Restoration                     | E11            | lump sum       | 1                |            |        |
| I2       | Supply and Installation of Outfall Pipe              | E16            |                |                  |            |        |
|          | a) 900 mm diameter CMP c/w Polymer Coating           |                | l.m.           | 19.4             |            |        |
| I3       | Remove and Re-install 900 mm Flap Gate               | E16            | each           | 1                |            |        |
| I4       | Construction of Concrete Collar                      | E16            |                |                  |            |        |
|          | a) 900 mm diameter CMP                               |                | lump sum       | 1                |            |        |
| I5       | Geotextile   | E19            | m <sup>2</sup> | 25               |            |        |

\_\_\_\_\_  
 Name of Bidder

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION   | SPEC. REF.     | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|---|----------------|----------------|------------------|------------|--------|
| I6       | Grouted Riprap  | E25/CW 3615-R4 | m <sup>3</sup> | 60               |            |        |
| I7       | Tree Removal  | E13            |                |                  |            |        |
|          | a) 50 mm to 249 mm diameter                             |                | each           | 1                |            |        |
|          | b) 250 mm to 500 mm diameter                            |                | each           | 1                |            |        |
| I8       | Tree Revegation   | E20            |                |                  |            |        |
|          | a) Manitoba Maple                                       |                | each           | 1                |            |        |
|          | b) American Elm   |                | each           | 1                |            |        |
|          | c) Basswood   |                | each           | 1                |            |        |
|          | d) Cottonwood   |                | each           | 1                |            |        |
| I10      | Removal and Installation of Hand Rail                   | E32            | l.m.           | 6                |            |        |
| I11      | Installation of Silt Fence                              | E12            | l.m.           | 40               |            |        |
| I12      | Riverbank Regrading                                     | E18            | m <sup>3</sup> | 35               |            |        |
| I13      | Erosion Control Blankets                                | E27            | m <sup>2</sup> | 20               |            |        |
| I14      | Topsoil and Seeding (Native Grass Seed Mix)             | E20            | m <sup>2</sup> | 20               |            |        |
| I15      | Sewer Inspection  | E22            |                |                  |            |        |
|          | a) Outfall (67.4 m - 900 Concrete and 19.4 m - 900 CMP) |                | l.m.           | 87               |            |        |
| <b>I</b> | <b><u>ST. CHARLES ST. OUTFALL (S-MA20003569)</u></b>    |                |                |                  | Subtotal:  |        |
| <b>J</b> | <b><u>VALLEY VIEW DR. OUTFALL (TBD)</u></b>             |                |                |                  |            |        |
| J1       | Site Development and Restoration                        | E11            | lump sum       | 1                |            |        |
| J2       | Supply and Installation of Outfall Pipe                 | E16            |                |                  |            |        |
|          | a) 610 mm OD HDPE DR9, trenchless installation          |                | l.m.           | 46               |            |        |
|          | b) 750 mm diameter CMP (2.0 mm) c/w Polymer Coating     |                | l.m.           | 18.6             |            |        |
| J3       | Supply and Installation of Gravity Sewer Pipe           | CW2130         |                |                  |            |        |
|          | a) 375 mm diameter PVC DR35, trenchless installation    |                | l.m.           | 64.7             |            |        |
|          | b) 375 mm diameter PVC DR35                             |                | l.m.           | 9                |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM | DESCRIPTION  | SPEC. REF. | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|------|--|------------|----------------|------------------|------------|--------|
| J4   | Supply and Installation of Pipe Fittings   | E16        |                |                  |            |        |
|      | a) 750 mm diameter Polymer Coated External Slip Joint  |            | each           | 1                |            |        |
|      | b) 22.5 degree bend - 375 mm diameter PVC  |            | each           | 2                |            |        |
| J5   | Construction of HDPE to CMP Expansion Joint  | E16        |                |                  |            |        |
|      | a) 750 mm diameter   |            | each           | 1                |            |        |
| J6   | Supply and Install Manhole   | CW 2130    |                |                  |            |        |
|      | a) SD-011, 1500 mm base  |            | vert. m        | 2.9              |            |        |
|      | b) SD-010, 1200 mm base  |            | vert.m.        | 2.4              |            |        |
| J7   | Connect 525 mm diameter HDPE pipe to manhole   | E16        | each           | 1                |            |        |
| J8   | Connect 375 mm diameter PVC DR35 pipe to manhole   | E16        | each           | 2                |            |        |
| J9   | Geotextile   | E19        | m <sup>2</sup> | 50               |            |        |
| J10  | Rockfill Riprap  | E15        | tonne          | 50               |            |        |
| J11  | Removal of existing 525 mm Concrete Sewer Pipe   | E16        | l.m.           | 12               |            |        |
| J12  | Plugging and Abandoning existing Outfall with lightweight cellular concrete, density 475 kg/m <sup>3</sup> | E33        | m <sup>3</sup> | 15               |            |        |
| J13  | Plugging and Abandoning existing sewer pipe with Cement Stabilized Flowable Fill                           | CW2130-R12 | m <sup>3</sup> | 16               |            |        |
| J14  | Additional Fill Material, Clean Clay compacted in 150 mm lifts   | CW3110-R19 | m <sup>3</sup> | 15               |            |        |
| J15  | Installation of Silt Fence   | E12        | l.m.           | 40               |            |        |
| J16  | Riverbank Regrading  | E18        | m <sup>3</sup> | 30               |            |        |
| J17  | Erosion Control Blankets   | E27        | m <sup>2</sup> | 100              |            |        |
| J18  | Tree Removal   | E13        |                |                  |            |        |
|      | a) 50 mm to 249 mm diameter  |            | each           | 2                |            |        |
|      | Tree Revegation  | E20        |                |                  |            |        |
|      | a) Manitoba Maple  |            | each           | 1                |            |        |
|      | b) Basswood  |            | each           | 1                |            |        |
|      | c) Cottonwood  |            | each           | 2                |            |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM     | DESCRIPTION   | SPEC. REF. | UNIT           | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|----------|---|------------|----------------|------------------|------------|--------|
| J19      | Temporary Surface Restoration   | E30        | m <sup>2</sup> | 30               |            |        |
| J20      | Pavement Removal  | CW3110-R19 |                |                  |            |        |
|          | a) Concrete Pavement  |            | m <sup>2</sup> | 30               |            |        |
|          | b) Asphalt Pavement   |            | m <sup>2</sup> | 30               |            |        |
| J21      | Full depth partial slab patches   | CW3230-R8  |                |                  |            |        |
|          | a) 200 mm reinforced concrete pavement                                    |            | m <sup>2</sup> | 30               |            |        |
| J22      | Concrete Curb Installation  |            |                |                  |            |        |
|          | a) Barrier (150 mm reveal ht, Dowelled)                                   | SD-205     | m              | 10               |            |        |
|          | b) Curb Ramp (8-12 mm ht, integral)                                       | SD-229C    | m              | 5                |            |        |
| J23      | Miscellaneous Concrete Slab Installation                                  | CW3235     |                |                  |            |        |
|          | a) 100mm Sidewalk   |            | m <sup>2</sup> | 20               |            |        |
| J24      | Construction of Asphaltic Concrete Pavements                              | CW3410-R11 |                |                  |            |        |
|          | a) Tie-ins and Approaches   |            |                |                  |            |        |
|          | i) Type IA  |            | tonne          | 20               |            |        |
| J25      | Topsoil and Seeding (Native Grass Seed Mix)                               | E20        | m <sup>2</sup> | 100              |            |        |
|          | Sodding   | CW3510-R9  |                |                  |            |        |
|          | a) Width > or = 600mm   |            | m <sup>2</sup> | 100              |            |        |
| J26      | Sewer Inspection  | E22        |                |                  |            |        |
|          | a) Gravity Sewer Pipe (73.7 m - 375 mm diameter PVC DR35)                 |            | l.m.           | 73.7             |            |        |
|          | b) Outfall (46 m - 525 mm diameter HDPE and 18.6 m - 750 mm diameter CMP) |            | l.m.           | 64.6             |            |        |
| <b>J</b> | <b><u>VALLEY VIEW DR. OUTFALL (TBD)</u></b>                               |            |                |                  | Subtotal:  |        |

**FORM B: PRICES**  
 (SEE B10)

UNIT PRICES

| ITEM   | DESCRIPTION                                   | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|--|---|------------|------|------------------|------------|--------|
| <b>SUMMARY</b>                                 |   |            |      |                  |            |        |
| A  | <u>BISHOP GRANDIN OUTFALL (S-MA70015994)</u>  |            |      |                  | Subtotal:  |        |
| B  | <u>GATEWAY ROAD OUTFALL (S-MA40003056)</u>    |            |      |                  | Subtotal:  |        |
| C  | <u>HENDERSON HWY. OUTFALL (S-MA40000289)</u>  |            |      |                  | Subtotal:  |        |
| D  | <u>HINDLEY AVE. OUTFALL (S-MA50018567)</u>    |            |      |                  | Subtotal:  |        |
| E  | <u>JAE EADIE PARK OUTFALL (S-MA20008967)</u>  |            |      |                  | Subtotal:  |        |
| F  | <u>NORTH DRIVE OUTFALL (S-MA60013422)</u>     |            |      |                  | Subtotal:  |        |
| G  | <u>PEMBINA HWY. OUTFALL (S-MA70028476)</u>    |            |      |                  | Subtotal:  |        |
| H  | <u>RED RIVER BLVD. OUTFALL (S-MA00000073)</u> |            |      |                  | Subtotal:  |        |
| I  | <u>ST. CHARLES ST. OUTFALL (S-MA20003569)</u> |            |      |                  | Subtotal:  |        |
| J  | <u>VALLEY VIEW DR. OUTFALL (TBD)</u>          |            |      |                  | Subtotal:  |        |
| TOTAL BID PRICE (GST extra) (in figures) _____ |   |            |      |                  |            |        |

\_\_\_\_\_  
 Name of Bidder

**FORM G1: BID BOND AND AGREEMENT TO BOND**

(Page 1 of 2)  
(See B14)

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS THAT

\_\_\_\_\_ (hereinafter called the "Principal") and

\_\_\_\_\_ (hereinafter called the "Surety"), are held and firmly bound unto **THE CITY OF WINNIPEG** (hereinafter called the "Obligee") in the sum of ten percent (10%) of the Total Bid Price set out in the Bid hereinafter described, for the payment of which sum the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a Bid to the Obligee for

BID OPPORTUNITY NO. 1042-2018

2019 OUTFALL RENEWAL AND REHABILITATION

as more fully set out in the Bid Opportunity.

NOW THEREFORE the condition of this obligation is such that if the Bid of the Principal is not accepted, or if said Bid is accepted and the Principal, in accordance with the terms of the Bid, enters into a Contract with the said Obligee and furnishes the required performance and labour and material payment bonds, this obligation shall be void, but otherwise shall remain in full force and effect.

IN WITNESS WHEREOF the Principal and Surety have signed and sealed this bond the

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

SIGNED AND SEALED  
in the presence of:

\_\_\_\_\_  
(Witness as to Principal if no seal)

\_\_\_\_\_  
(Name of Principal)

Per: \_\_\_\_\_ (Seal)

Per: \_\_\_\_\_

\_\_\_\_\_  
(Name of Surety)

By: \_\_\_\_\_ (Seal)  
(Attorney-in-Fact)

**FORM G1: BID BOND AND AGREEMENT TO BOND**

(Page 2 of 2)  
(See B14)

**AGREEMENT TO BOND**

(to be attached to and to form part of Bid Bond)

The Surety on the attached Bid Bond hereby undertakes and agrees with **THE CITY OF WINNIPEG** to become bound as Surety for the Principal,

\_\_\_\_\_ of  
(Name of Bidder)

\_\_\_\_\_  
(Place)

the Bidder to you on \_\_\_\_\_, 20\_\_\_\_ for

BID OPPORTUNITY NO. 1042-2018

2019 OUTFALL RENEWAL AND REHABILITATION

The Surety agrees to issue for the Principal:

1. a Performance Bond in an amount equal to fifty percent (50%) of the Contract Price for the due and proper performance of the Work shown and described in the Bid Opportunity; and
2. a Labour and Material Payment Bond in an amount equal to fifty percent (50%) of the Contract Price for the payment for all labour, service and material used or reasonably required for use in the performance of the Work shown and described in the Bid Opportunity;

If our Principal's Bid is accepted by you, such Performance Bond and Labour and Material Payment Bond (the Bonds) to be maintained and continue in full force and effect until the expiration of the warranty period. The Bonds shall be in the form specified in the Bid Opportunity.

It is a condition that this Agreement to Bond shall become null and void if the Bonds mentioned above are not required from our Principal within sixty (60) Calendar Days following the Submission Deadline.

AND IT IS HEREBY DECLARED AND AGREED that the Surety shall be liable as Principal, and that nothing of any kind or matter whatsoever that will not discharge the Principal shall operate as a discharge or release of liability of the Surety, any law or usage relating to the liability of Sureties to the contrary notwithstanding.

SIGNED AND SEALED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_ .

\_\_\_\_\_  
(Name of Surety)

By: \_\_\_\_\_ (Seal)  
(Attorney-in-Fact)