FORM A: BID (See B9)

| 1. | Contract Title | 2018 OUTFALL RENEWAL | AND REHABILITATION | |
|----|--------------------------------|--|--|----------------|
| 2. | Bidder | | | |
| | | Name of Bidder | | |
| | | Usual Business Name of Bidder a | s 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 appli | cable) | |
| | (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 authorize the Bidder for purposes of t | zes the following contact person he Bid. | n to represent |
| | | Contact Person | Title | |
| | | Telephone Number | Facsimile Number | |
| 4. | Definitions | All capitalized terms used ascribed to them in the Ger | f in the Contract shall have the the shall have the shall be the shall | the meanings |

| 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 B13.1, the Bidder encloses bid security in the form of: |
| | (Choose one) | a bid bond (Form G1: Bid Bond and Agreement to Bond) |
| | | an irrevocable standby letter of credit (Form G2: Irrevocable Standby Letter of Credit and Undertaking) |
| | | a certified cheque or draft |
| | | 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.TimeThis offer shall be open for acceptance, binding and irrevocable for a
period of sixty (60) Calendar Days following the Submission Deadline.

12. 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

| IIT PRI | | · · · | · · · · · · · · · · · · · · · · · · · | | . | |
|---------|--|--------------------|---------------------------------------|---------------------|--------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| Α | VOYAGEUR OUTFALL (ST-21) | | | | | |
| A1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| A2 | Supply and Installation of Outfall Pipe | E16 | | | | |
| A3 | a) 1660mm diameter SPCSP c/w Polymer Coating (3.0 mm) Supply and Installation of HDPE Spiral Wound Pipe | E17 / E18 | l.m. | 14.6 | | |
| | a) 1220 mm Internal Diameter Spiral Wound HDPE Pipe (RSC 250) | | l.m. | 18.3 | | |
| A4 | Construction of Concrete Collar | E19 | | | | |
| | a) 1660 mm diameter | | each | 1 | | |
| A5 | Supply and Installation of Debris Grate | E16 | | | | |
| | a) 1660 mm diameter Debris Grate | | each | 1 | | |
| A6 | Geotextile | E21 | m² | 60 | | |
| A7 | Grouted Riprap | E27/CW 3615- R4 | m³ | 35 | | |
| A8 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 3 | | |
| | b) 250 mm to 500 mm diameter | | each | 2 | | |
| A9 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 1 | | |
| | b) Green Ash | | each | 2 | | |
| | c) American Elm | | each | 2 | | |
| | d) Basswood | | each | 1 | | |
| | e) Cottonwood | | each | 1 | | |
| A10 | Installation of silt Fence | E12 | l.m. | 50 | | |
| | Riverbank Regrading | E20 | m² | 35 | | |
| A11 | Erosion Control Blankets | E29 | m² | 220 | | |
| A12 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 350 | | |

| ITEM | ICES DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|------|---|---------------|----------|---------------------|------------|--------|
| A13 | Sodding | | | | | |
| | a) Width > or = 600mm | CW3510-R9 | m² | 400 | | |
| A14 | Supplying and Placing Base Course Material | CW 3110-R19 | m³ | 10 | | |
| A15 | Sewer Cleaning | E23 | hr | 12 | | |
| A16 | Sewer Inspection | E24 | | | | |
| | a) Outfall (18.3 m - 1212 mm internal diameter HPDE spiral wound pipe; 14.6 m - 1660 mm diameter SPCSP) | | l.m. | 35 | | |
| | b) Pre-construction inspection of adjacent outfall (S-MA20002395, 600 CMP) | | l.m. | 40 | | |
| | c) Post-construction inspection of adjacent outfall (S-MA20002395, 600 CMP) | | l.m. | 40 | | |
| Α | VOYAGEUR OUTFALL (ST-21) | | | | Subtotal: | |
| В | AMARYNTH OUTFALL (ST-09) | | | | | |
| B1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| B2 | Supply and Installation of Outfall Pipe | E16 | | | | |
| | a) 750 mm diameter CMP (2.8 mm) c/w Polymer Coating | | l.m. | 37.2 | | |
| B3 | Supply and Install Manhole | CW 2130 | | | | |
| | SD-011, 1500 mm base | | vert. m | 2.9 | | |
| B4 | Connect 750 mm diameter CMP to manhole | E16 | each | 1 | | |
| B5 | Connect Existing 525 mm diameter concrete pipe to manhole | | each | 1 | | |
| B6 | Supply and Installation of Debris Grate | E16 | | | | |
| | a) 750 mm diameter Debris Grate | | each | 1 | | |
| B7 | Geotextile | E21 | m² | 30 | | |
| B8 | Rockfill Riprap | E15 | tonne | 35 | | |
| B9 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 3 | | |
| | b) 250 mm to 500 mm diameter | | each | 2 | | |

| ITEM | DESCRIPTION | SPEC. | UNIT | APPROX. | UNIT PRICE | AMOUNT |
|------|---|-------------|-------|----------|------------|--------|
| | | REF. | | QUANTITY | | |
| B10 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 1 | | |
| | b) Green Ash | | each | 1 | | |
| | c) American Elm | | each | 2 | | |
| | d) Basswood | | each | 2 | | |
| | e) Cottonwood | | each | 1 | | |
| B11 | Installation of silt Fence | E12 | l.m. | 40 | | |
| B12 | Erosion Control Blankets | E29 | m² | 240 | | |
| B13 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 650 | | |
| B14 | Sodding | CW3510-R9 | | | | |
| | a) Width > or = 600mm | | m² | 200 | | |
| B15 | Sewer Inspection | E24 | | | | |
| | a) 750 mm diameter outfall (37.2 m CMP) | | l.m. | 37.2 | | |
| B16 | Crushed Sub-base Material | CW 3110-R19 | | | | |
| | i) 50 mm | | tonne | 25 | | |
| B17 | Supplying and Placing Base Course Material | CW 3110-R19 | M3 | 5 | | |
| B18 | Pavement Removal | CW 3110-R19 | | | | |
| | i) Asphalt Pavement | | m² | 55 | | |
| B19 | Construction of Asphaltic Concrete Pavements | CW 3410-R11 | | | | |
| | i) Tie-ins and Approaches | | | | | |
| | а) Туре IA | | tonne | 10 | | |
| в | AMARYNTH OUTFALL (ST-09) | | | 1 | Subtotal: | |

| ITEM | DESCRIPTION | SPEC. | UNIT | APPROX. | UNIT PRICE | AMOUNT |
|------|--|--------------|----------|----------|------------|--------|
| | | REF. | | QUANTITY | | |
| С | ASSINIBOINE OUTFALL (AS-34) | | | | | |
| C1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| C2 | Supply and Installation of Temporary Shoring | E37 | lump sum | 1 | | |
| C3 | Filling Underground Voids with Cement- Stabilized Fill | CW2030 | m³ | 5 | | |
| C4 | Remove Existing Concrete Headwall | E16 | each | 3 | | |
| C5 | Supply and Installation of Outfall Pipe | E16 | | | | |
| C6 | a) 2280 mm diameter SPCSP (3.0 mm) c/w polymer coating Supply and Installation of Debris Grate | E16 | l.m. | 19.5 | | |
| | a) 2280 mm diameter Debris Grate | | each | 1 | | |
| C7 | Remove and Replace CMP Riser Manhole c/w polymer coating | CW3610/E16 | each | 1 | | |
| C8 | Paved Invert | E38 | l.m. | 20 | | |
| C9 | Supply and Installation of Pipe Fittings | E16 | | | | |
| | a) 29 degree vertical bend - 2280 mm diameter CMP c/w polymer coating | | each | 2 | | |
| | b) 1615 ID Orifice Plates c/w polymer coating | | each | 2 | | |
| | c) 11.25 degree horizontal bend - 2280 mm diameter CMP c/w polymer coating | | each | 1 | | |
| C10 | Construction of Concrete Collar | E19 | | | | |
| | a) 2280 mm diameter | | each | 1 | | |
| C11 | Installation of Concrete Headwalls | E16 | | | | |
| | a) Concrete Headwall | | each | 1 | | |
| | b) Concrete Thrustblock | | each | 1 | | |
| C12 | Geotextile | E21 | m² | 45 | | |
| C13 | Grouted Riprap | E27/CW 3615- | m³ | 35 | | |
| C14 | Riverbank Regrading | R4 E20 | m³ | 50 | | |
| C15 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 5 | | |

| ITEM | DESCRIPTION | SPEC. | UNIT | APPROX. | UNIT PRICE | AMOUNT |
|------|--|-----------|-----------|----------|------------|----------|
| | | REF. | | QUANTITY | | |
| | b) 250 mm to 500 mm diameter | | each | 5 | | |
| C16 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 7 | | |
| | b) Green Ash | | each | 2 | | |
| | c) American Elm | | each | 3 | | |
| | d) Bur Oak | | each | 1 | | |
| | d) Basswood | | each | 1 | | |
| | e) Cottonwood | | each | 1 | | |
| C17 | Installation of silt Fence | E12 | l.m. | 50 | | |
| C18 | Erosion Control Blankets | E29 | m² | 200 | | |
| C19 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 500 | | |
| C20 | Sodding | | | | | |
| | a) Width > or = 600mm | CW3510-R9 | m² | 700 | | |
| C21 | Sewer Cleaning | E23 | hr | 12 | | |
| C22 | Sewer Inspection | E24 | | | | |
| | a) 2250 mm diameter outfall | | l.m. | 35 | | |
| C23 | Allowance for Replacement of Irrigation System | E40 | allowance | 1 | \$3,000.00 | \$3,000. |
| C24 | Exploratory Test Hole | E2/E37 | lump sum | 1 | | |
| C25 | Allowance for Vibration Monitoring | E33 | allowance | 1 | \$8,000.00 | \$8,000. |
| С | ASSINIBOINE OUTFALL (AS-34) | | | | Subtotal: | |
| D | WELLINGTON OUTFALL (AS-67A) | | | | | |
| D1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| D3 | Supply and Installation of Outfall Pipe | E16 | | | | |
| D4 | a) 450 mm diameter CMP (2.0 mm) c/w Polymer Coating Supply and Installation of Pipe Fittings | E16 | l.m. | 15.6 | | |

| IIT PRI | CES | . , | 1 | | | |
|-----------|---|---------------|----------|---------------------|------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| | a) 450 mm diameter Polymer Coated External Slip Joint | | each | 1 | | |
| D5 | Connect 450 diameter CMP to manhole | E16 | each | 1 | | |
| D6 | Replacement of Concrete Sandbag Revetment | E36 | lump sum | 1 | | |
| D7 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 5 | | |
| D8 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 3 | | |
| | b) Green Ash | | each | 2 | | |
| | c) American Elm | | each | 2 | | |
| D9 | Installation of silt Fence | E12 | l.m. | 40 | | |
| D10 | Erosion Control Blankets | E29 | m² | 120 | | |
| D11 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 400 | | |
| D12 | Sewer Inspection | E24 | | | | |
| | a) 450 mm diameter outfall | | l.m. | 16 | | |
| D13 | Temporary Surface Restoration | E39 | m² | 10 | | |
| D14 | Pavement Removal | CW3110-R19 | | | | |
| i) | Asphalt Pavement | | m² | 10 | | |
| D15 i) | Construction of Asphaltic Concrete Pavements Tie-ins and Approaches | CW3410-R11 | | | | |
| | a) Type IA | | tonne | 15 | | |
| D | WELLINGTON OUTFALL (AS-67A) | -1 | 1 | 1 | Subtotal: | |
| Е | RAGLAN OUTFALL (AS-73) | | | | | |
| E1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| E2 | Removals | E16 | | | | |
| | a) 375 mm diameter CMP | | l.m. | 6 | | |

| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|------|---|---------------|----------------|---------------------|------------|--------|
| E3 | Abandoning Existing Sewers with Cement- Stabilized Flowable Fill | CW2030 | m ³ | 5 | | |
| E4 | Remove Existing Concrete Headwall | E16 | lump sum | 1 | | |
| E5 | Supply and Installation of Outfall Pipe | E16 | | | | |
| | a) 375 mm diameter CMP (1.6 mm) c/w Polymer Coating | | l.m. | 26.9 | | |
| | b) 375 mm diameter PVC pipe, trenchless | | l.m. | 6 | | |
| 50 | c) 375 mm diameter PVC pipe | E 40 | l.m. | 2.1 | | |
| E6 | Supply and Installation of Pipe Fittings | E16 | | | | |
| | a) 22.5 degree bend - 375 mm diameter PVC | | each | 1 | | |
| | a) 45 degree bend - 375 mm diameter PVC | | each | 1 | | |
| E8 | Connect 375 mm diameter PVC pipe to Manhole | | each | 1 | | |
| E9 | Construction of Concrete Collar | E19 | | | | |
| | a) 375 mm diameter | | each | 1 | | |
| E10 | Riverbank Regrading | E20 | m³ | 75 | | |
| E11 | Geotextile | E21 | m² | 15 | | |
| E12 | Rockfill Riprap | E15 | tonne | 15 | | |
| E13 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 8 | | |
| | b) 250 mm to 500 mm diameter | | each | 8 | | |
| E14 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 3 | | |
| | b) Green Ash | | each | 2 | | |
| | c) American Elm | | each | 11 | | |
| E15 | Installation of silt Fence | E12 | l.m. | 40 | | |
| E16 | Erosion Control Blankets | E29 | m² | 150 | | |
| E17 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 600 | | |
| E18 | Sewer Inspection | E24 | | | | |

| IIT PRIO TEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|-----------------|---|---------------|-------|---------------------|------------|--------|
| | a) 375 mm diameter outfall | | l.m. | 35 | | |
| E19 | Temporary Surface Restoration | E39 | m² | 15 | | |
| E20 | Crushed Sub-base Material | CW 3110-R19 | | | | |
| i) | 50 mm | | tonne | 20 | | |
| E21 | Supplying and Placing Base Course Material | CW 3110-R19 | m³ | 5 | | |
| E22 | Pavement Removal | CW 3110-R19 | | | | |
| i) | Concrete Pavement | | m² | 20 | | |
| ii) | Asphalt Pavement | | m² | 20 | | |
| E23 | Partial Slab Patches | CW 3230-R8 | | | | |
| i) | 200 mm Concrete Pavement (Type D) | | m² | 20 | | |
| E24 | Drilled Dowels | CW 3230-R8 | | | | |
| i) | 19.1 mm Diameter | | each | 17 | | |
| E25 | Drilled Tie Bars | CW 3230-R8 | | | | |
| i) | 20 M Deformed Tie Bar | | each | 13 | | |
| E26 | Miscellaneous Concrete Slab Removal | CW 3235-R9 | | | | |
| iv) | 100 mm Sidewalk | | m² | 15 | | |
| E27 | Miscellaneous Concrete Slab Installation | CW 3235-R9 | | | | |
| iv) | 100 mm Sidewalk | SD-228A | m² | 15 | | |
| E28 | Concrete Curb Installation | CW 3240-R10 | | | | |
| i) | Barrier (150 mm reveal ht, Dowelled) | SD-205 | m | 10 | | |
| E29 | Construction of Asphaltic Concrete Pavements | CW 3410-R11 | | | | |
| i) | Tie-ins and Approaches | | | | | |
| | a) Type IA | | tonne | 5 | | |
| Е | RAGLAN OUTFALL (AS-73) | ıI | | 1 | Subtotal: | |
| F | PLINGUET OUTFALL (SE-11) | | | | | |

| TEM | ICES DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
|-----|--|---------------|----------|---------------------|------------|--------|
| F1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| F2 | Supply and Installation of Outfall Pipe | E16 | | | | |
| | a) 375 mm diameter CMP (1.6 mm) c/w Polymer Coating | | l.m. | 12.6 | | |
| F3 | Supply and Installation of Pipe Fittings | E16 | | | | |
| | a) 375 mm diameter Polymer Coated External Slip Joint | | each | 1 | | |
| F4 | Construction of Concrete Collar | E19 | each | 1 | | |
| | a) 375 mm diameter | | | | | |
| F5 | Geotextile | E21 | m² | 10 | | |
| F6 | Rockfill Riprap | E15 | tonne | 20 | | |
| F7 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 15 | | |
| | b) 250 mm to 500 mm diameter | | each | 2 | | |
| | c) Larger than 500 mm diameter | | each | 1 | | |
| F8 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 2 | | |
| | b) Green Ash | | each | 13 | | |
| | c) American Elm | | each | 3 | | |
| F9 | Installation of "No Dumping" Signage | E41 | lump sum | 1 | | |
| F10 | Installation of silt Fence | E12 | l.m. | 40 | | |
| F11 | Erosion Control Blankets | E29 | m² | 200 | | |
| F12 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 300 | | |
| F13 | Temporary Surface Restoration | E39 | m² | 20 | | |
| F14 | Pavement Removal | CW3110-R19 | | | | |
| i | i) Concrete Pavement | | m² | 20 | | |
| ii | i) Asphalt Pavement | | m² | 20 | | |

| | CES | (SEE B10) | | | | |
|----------------------------|---|---------------|-------------------------|---------------------|------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| F15 | Partial Slab Patches | | | | | |
| i) | 200mm Concrete Pavement (Type D) | | m² | 20 | | |
| F16 | Drilled Dowels | CW3230-R8 | | | | |
| i) | 19.1 mm Diameter | | each | 17 | | |
| F17 | Drilled Tie Bars | CW3230-R8 | | | | |
| i) | 20 M Deformed Tie Bar | | each | 13 | | |
| F18 | Concrete Curb Installation | | | | | |
| i) | Barrier (150 mm reveal ht, Dowelled) | SD-205 | m | 10 | | |
| F19 | Construction of Asphaltic Concrete Pavements | CW3410-R11 | | | | |
| i) | Tie-ins and Approaches | | | | | |
| | а) Туре IA | | tonne | 5 | | |
| F20 | Sewer Inspection | E24 | | | | |
| | a) 375 mm Diameter Outfall | | l.m. | 15 | | |
| F21 | Site Garbage Removal | E35 | tonne | 5 | | |
| | | | | | | |
| F | PLINGUET OUTFALL (SE-11) | | | | Subtotal: | |
| F G | PLINGUET OUTFALL (SE-11) | | | | Subtotal: | |
| | | E11 | lump sum | 1 | Subtotal: | |
| G | LOTUS OUTFALL (RR-30) | E11 E16 | lump sum | 1 | Subtotal: | |
| G G1 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe a) 750 mm diameter CMP (2.8 mm) c/w | | lump sum | 1 39.4 | Subtotal: | |
| G G1 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe | | | | Subtotal: | |
| G G1 G2 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe a) 750 mm diameter CMP (2.8 mm) c/w Polymer Coating | E16 | | | Subtotal: | |
| G G1 G2 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe a) 750 mm diameter CMP (2.8 mm) c/w Polymer Coating Supply and Installation of Pipe Fittings a) 750 mm diameter Polymer Coated | E16 | l.m. | 39.4 | Subtotal: | |
| G G1 G2 G3 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe a) 750 mm diameter CMP (2.8 mm) c/w Polymer Coating Supply and Installation of Pipe Fittings a) 750 mm diameter Polymer Coated External Slip Joint | E16 E16 | l.m. | 39.4 | Subtotal: | |
| G G1 G2 G3 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe a) 750 mm diameter CMP (2.8 mm) c/w Polymer Coating Supply and Installation of Pipe Fittings a) 750 mm diameter Polymer Coated External Slip Joint Supply and Install Manhole | E16 E16 | l.m. each | 39.4 1 | Subtotal: | |
| G G2 G3 G4 | LOTUS OUTFALL (RR-30) Site Development and Restoration Supply and Installation of Outfall Pipe a) 750 mm diameter CMP (2.8 mm) c/w Polymer Coating Supply and Installation of Pipe Fittings a) 750 mm diameter Polymer Coated External Slip Joint Supply and Install Manhole a) SD-011, 1500 mm base | E16 E16 | I.m. each vert. m | 39.4 1 2.5 | Subtotal: | |

| NIT PR | ICES | (SEE B10 |)) | | | |
|--------|---|---------------|----------|---------------------|------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| | a) 750 mm diameter Debris Grate | | each | 1 | | |
| G8 | Geotextile | E21 | m² | 40 | | |
| G9 | Rockfill Riprap | E15 | tonne | 90 | | |
| G10 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 5 | | |
| G11 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 1 | | |
| | b) Green Ash | | each | 2 | | |
| | c) American Elm | | each | 2 | | |
| G12 | Installation of silt Fence | E12 | l.m. | 40 | | |
| G13 | Erosion Control Blankets | E29 | m² | 240 | | |
| G14 | Topsoil and Seeding (Native Grass Seed | E22 | m² | 800 | | |
| G15 | Mix) Sewer Inspection | E24 | | | | |
| | a) 750 mm Diameter Outfall | | l.m. | 40 | | |
| G | LOTUS OUTFALL (RR-30) | | | | Subtotal: | |
| н | LEMAY OUTFALL (RR-2) | | | | | |
| H1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| H2 | Supply and Installation of Outfall Pipe | E16 | | | | |
| | a) 1050 mm diameter CMP c/w Polymer Coating | | l.m. | 19.5 | | |
| H3 | Supply and Installation of Pipe Fittings | E16 | | | | |
| | a) 1050 mm diameter Polymer Coated Internal Slip Joint | | each | 1 | | |
| H4 | Construction of Concrete Collar | E19 | | | | |
| | a) 900 mm diameter | | each | 1 | | |
| H5 | Supply and Installation of Debris Grate | E16 | | | | |
| | a) 1050 mm diameter Debris Grate | | each | 1 | | |
| | Geotextile | E21 | m² | 20 | | |

| UNIT PRI | ICES | (SEE B10) | | | | |
|----------|--|---------------|----------|---------------------|------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| H7 | Rockfill Riprap | E15 | tonne | 30 | | |
| H8 | Tree Removal | E13 | | | | |
| | a) 50 mm to 250 mm diameter | | each | 3 | | |
| | b) 250 mm to 500 mm diameter | | each | 3 | | |
| H9 | Tree Revegation | E22 | | | | |
| | a) Manitoba Maple | | each | 2 | | |
| | b) Green Ash | | each | 2 | | |
| | c) American Elm | | each | 2 | | |
| H10 | Installation of silt Fence | E12 | l.m. | 40 | | |
| H11 | Erosion Control Blankets | E29 | m² | 120 | | |
| H12 | Topsoil and Seeding (Native Grass Seed Mix) | E22 | m² | 400 | | |
| H13 | Sewer Inspection | E24 | | | | |
| | a) 1050 mm Diameter Outfall | | l.m. | 19.5 | | |
| | b) 900 mm Diameter Outfall | | l.m. | 50 | | |
| H14 | Sodding | CW3510-R9 | | | | |
| | a) Width > or = 600mm | | m² | 350 | | |
| н | LEMAY OUTFALL (RR-2) | l | <u> </u> | 1 | Subtotal: | |

| | CES | (SEE DIU |) | | | |
|------|--|---------------|----------|---------------------|------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| I. | FORT ROUGE PARK OUTFALL (AS-92) | | | | | |
| 11 | Site Development and Restoration | E11 | lump sum | 1 | | |
| 12 | Sewer Cleaning | E23 | hr | 16 | | |
| 13 | Sewer Inspection | E24 | | | | |
| | a) 2400 mm Diameter SPCSP Outfall | | l.m. | 154 | | |
| 14 | De-watering / De-icing of Outfall Pipe | E32 | lump sum | 1 | | |
| I | FORT ROUGE PARK OUTFALL (AS-92) | | | | Subtotal: | |
| J | ARCHIBALD OUTFALL (SE-1) | | | | | |
| J1 | Site Development and Restoration | E11 | lump sum | 1 | | |
| J2 | Sewer Cleaning | E23 | hr | 10 | | |
| J3 | Sewer Inspection | E24 | | | | |
| | a) 2600 mm Diameter CMP Outfall | | I.m. | 66 | | |
| | b) 2400 mm Diameter CMP Outfall | | l.m. | 64 | | |
| J4 | De-watering / De-icing of Outfall Pipe | E32 | lump sum | 1 | | |
| J | ARCHIBALD OUTFALL (SE-1) | | | Subtotal: | | |

| UNIT PRI | | | | | | |
|--|---------------------------------|---------------|------|---------------------|------------|--------|
| ITEM | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT |
| | SUMMARY | | | | | |
| Α | VOYAGEUR OUTFALL (ST-21) | | | | Subtotal: | |
| В | AMARYNTH OUTFALL (ST-09) | | | | Subtotal: | |
| С | ASSINIBOINE OUTFALL (AS-34) | | | | Subtotal: | |
| D | WELLINGTON OUTFALL (AS-67A) | | | | Subtotal: | |
| E | RAGLAN OUTFALL (AS-73) | | | | Subtotal: | |
| F | PLINGUET OUTFALL (SE-11) | | | | Subtotal: | |
| G | LOTUS OUTFALL (RR-30) | | | | Subtotal: | |
| н | LEMAY OUTFALL (RR-2) | | | | Subtotal: | |
| I | FORT ROUGE PARK OUTFALL (AS-92) | | | | Subtotal: | |
| J | ARCHIBALD OUTFALL (SE-1) | | | | Subtotal: | |
| TOTAL BID PRICE (GST extra) (in figures) | | | | | | |

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 1 of 2) (See B13)

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. 1030-2017

2018 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 security for guaranteeing the faithful performance of the Contract, 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: (Attorney-in-Fact) | (Seal) |

_____ of

FORM G1: BID BOND AND AGREEMENT TO BOND

(Page 2 of 2) (See B13)

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,

(Name of Bidder)

(Place)

the Bidder to you on ______, 20_____, 20_____

BID OPPORTUNITY NO. 1030-2017

2018 OUTFALL RENEWAL AND REHABILITATION

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, if our Principal's Bid is accepted by you, such Performance Bond to be maintained and continue in full force and effect until the expiration of the warranty period. The Performance Bond 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 Performance Bond mentioned above is 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: _________(Attorney-in-Fact) _____ (Seal)

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 1 of 2)

(See B13)

(Date)

The City of Winnipeg Corporate Finance Department Materials Management Division 185 King Street, Main Floor Winnipeg MB R3B 1J1

RE: BID SECURITY - BID OPPORTUNITY NO. 1030-2017

2018 OUTFALL RENEWAL AND REHABILITATION

Pursuant to the request of and for the account of our customer,

(Name of Bidder)

(Address of Bidder)

WE HEREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding in the aggregate

Canadian dollars.

This Standby Letter of Credit may be drawn on by you at any time and from time to time upon written demand for payment made upon us by you. It is understood that we are obligated under this Standby Letter of Credit for the payment of monies only and we hereby agree that we shall honour your demand for payment without inquiring whether you have a right as between yourself and our customer to make such demand and without recognizing any claim of our customer or objection by the customer to payment by us.

The amount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon it by you or by formal notice in writing given to us by you if you desire such reduction or are willing that it be made.

Partial drawings are permitted.

We engage with you that all demands for payment made within the terms and currency of this Standby Letter of Credit will be duly honoured if presented to us at:

(Address)

and we confirm and hereby undertake to ensure that all demands for payment will be duly honoured by us.

FORM G2: IRREVOCABLE STANDBY LETTER OF CREDIT AND UNDERTAKING (BID SECURITY) (Page 2 of 2) (See B13)

All demands for payment shall specifically state that they are drawn under this Standby Letter of Credit.

This Standby Letter of Credit will expire on February 17, 2018

if our customer's Bid is not accepted, and if accepted, when our customer has entered into a Contract with you and has furnished the required performance security for guaranteeing the faithful performance of the Contract.

This Standby Letter of Credit may not be revoked or amended without your prior written approval.

WE HEREBY UNDERTAKE and agree to provide in your favour an irrevocable Standby Letter of Credit 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, if our customer's Bid is accepted by you. Such Standby Letter of Credit shall be maintained and continue in full force and effect until the expiration of the warranty period. The Standby Letter of Credit shall be in the form specified in the Bid Opportunity.

This credit is subject to the Uniform Customs and Practice for Documentary Credit (2007 Revision), International Chamber of Commerce Publication Number 600.

| (Name | e of bank or financial institution) |
|-------|-------------------------------------|
| Per: | (Authorized Signing Officer) |
| Per: | (Authorized Signing Officer) |

(Authorized Signing Officer)