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

| 1. | Contract Title                 | 2018 WATER MAIN REN                                 | EWALS – CONTRACT NO. 5                     |                  |
|----|--------------------------------|---|--|------------------|
| 2. | Bidder                         |   |  |                  |
|    |                                | Name of Bidder                                      |  |                  |
|    |                                | Usual Business Name of Bidder                       | as it appears on Invoice (if different fro | om 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 app                     | licable)                                   |                  |
|    | (Choose one)                   | The Bidder is:                                      |  |                  |
|    |                                | a sole proprietor                                   |  |                  |
|    |                                | a partnership                                       |  |                  |
|    |                                | a corporation                                       |  |                  |
|    |                                | carrying on business unde                           | er the above name.                         |                  |
| 3. | Contact Person                 | The Bidder hereby author the Bidder for purposes of | izes the following contact per the Bid.    | son to represent |
|    |                                | Contact Person                                      | Title                                      |                  |
|    |                                | Telephone Number                                    | Facsimile Number                           |                  |
| 1. | Definitions                    | All capitalized terms use                           | ed in the Contract shall hav               | e 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:  |
|     | (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. | Time                            | This offer shall be open for acceptance, binding and irrevocable for a period of forty-five (45) Calendar Days following the Submission Deadline.   |
| 12. | Indigenous Self-<br>Declaration | The Bidder hereby declares the 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        |
|-----|------------|---|
|     |            | , 20  |
|     |            | Signature of Bidder or<br>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) |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM      | DESCRIPTION  | SPEC.<br>REF. | UNIT | APPROX.<br>QUANTITY | UNIT<br>PRICE | AMOUNT |
|-----------|--|---------------|------|---------------------|---------------|--------|
| A         | James Avenue - Lily Street to Bertha<br>Street                     |               |      |                     |               |        |
| A. 1      | Watermain Renewal  | CW 2110       |      |                     |               |        |
| a)        | 150mm  |               |      |                     |               |        |
| i)        | trenchless installation, Class B sand<br>bedding, Class 3 backfill |               | m    | 31.0                |               |        |
| b)        | 300mm  |               |      |                     |               |        |
| i)        | trenchless installation, Class B sand<br>bedding, Class 3 backfill |               | m    | 119.0               |               |        |
| A. 2      | Hydrant Assembly   | CW 2110       |      |                     |               |        |
| a)        | SD-006   |               | each | 1.0                 |               |        |
| b)        | SD-007   |               | each | 1.0                 |               |        |
| A. 3      | Watermain Valve  | CW 2110       |      |                     |               |        |
| a)        | 150mm  |               | each | 5.0                 |               |        |
| b)        | 300mm  |               | each | 2.0                 |               |        |
| A. 4      | Fittings   | CW 2110       |      |                     |               |        |
| a)        | Tees   |               |      |                     |               |        |
| i)        | 300mm x 300mm x 150 mm   |               | each | 5.0                 |               |        |
| ii)<br>b) | 300mm x 300mm x 300 mm<br>Bends (SD-004)                           |               | each | 1.0                 |               |        |
| i)        |  |               | each | 4.0                 |               |        |
| c)        | Bends (SD-005)   |               |      |                     |               |        |
| i)        | 300mm - 45°  |               | each | 4.0                 |               |        |
| A. 5      | Water Services   | CW 2110       |      |                     |               |        |
| a)        | 19mm   |               |      |                     |               |        |
| i)        | trenchless installation, Class B sand<br>bedding, Class 3 backfill |               | m    | 5.0                 |               |        |
| b)        | 38mm   |               |      |                     |               |        |
| i)        | trenchless installation, Class B sand bedding, Class 3 backfill    |               | m    | 5.0                 |               |        |
| A. 6      | Corporation Stops  | CW 2110       |      |                     |               |        |
| a)        | 19mm   |               | each | 1.0                 |               |        |
| b)        | 38mm   |               | each | 1.0                 |               |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| UNIT P   | RICES   |               |                |                     |               |        |
|----------|---|---------------|----------------|---------------------|---------------|--------|
| ITEM     | DESCRIPTION   | SPEC.<br>REF. | UNIT           | APPROX.<br>QUANTITY | UNIT<br>PRICE | AMOUNT |
|          | 0.1.00  | 0111 0440     |                |                     |               |        |
| A. 7     | Curb Stops  | CW 2110       |                | 1.0                 |               |        |
| a)       | 19mm  |               | each           | 1.0                 |               |        |
| A. 8     | Curb Stop Boxes   | CW 2110       |                |                     |               |        |
| a)       | 19mm  |               | each           | 1.0                 |               |        |
| ,        |   |               |                |                     |               |        |
| A. 9     | Connecting to Existing Watermains and                           | CW 2110       |                |                     |               |        |
|          | Large Diameter Water Services                                   |               |                |                     |               |        |
| a)       | In-line connection - no plug existing                           |               |                |                     |               |        |
| i)       | 150mm   |               | each           | 5.0                 |               |        |
| ii)      | 300mm   |               | each           | 2.0                 |               |        |
| A. 10    | Connecting Existing Copper Water Services to New Watermains     | CW 2110       |                |                     |               |        |
| a)       | 19mm  |               | each           | 1.0                 |               |        |
| b)       | 38mm  |               | each           | 1.0                 |               |        |
| A. 11    | 10.9 Kilogram Sacrificial Zinc Anodes                           | CW 2110       |                |                     |               |        |
| a)       | On Water Services   |               | each           | 3.0                 |               |        |
| ,        |   | CW 3235,      | Cuon           |                     |               |        |
| A. 12    | Miscellaneous Concrete Slab Renewal                             | E6            |                |                     |               |        |
| a)       | Sidewalk (SD-228A)  |               | m <sup>2</sup> | 80.0                |               |        |
| 1 10     | Caracanata Comb Danassani                                       | CW 3240,      |                |                     |               |        |
| A. 13    | Concrete Curb Renewal   | E7            |                | 85.0                |               |        |
| a)<br>b) | Barrier curb (SD-204)<br>Ramp curb                              |               | m<br>m         | 10.0                |               |        |
| - D)     | James Avenue - Lily Street to Bertha S                          | Street        | 111            |                     | Subtotal A:   |        |
|          | 2, 0  | <del></del>   |                |                     |               |        |
|          | Amy Street - James Avenue to                                    |               |                |                     |               |        |
| <u>B</u> | Rupert Avenue   |               | 1              | 1                   |               |        |
| B. 1     | Watermain Renewal   | CW 2110       |                |                     |               |        |
| a)       | 150mm   |               |                |                     |               |        |
| i)       | trenchless installation, Class B sand bedding, Class 3 backfill |               | m              | 4.0                 |               |        |
| b)       | 300mm   |               |                |                     |               |        |
| i)       | trenchless installation, Class B sand bedding, Class 3 backfill |               | m              | 102.0               |               |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM       | DESCRIPTION   | SPEC.          | UNIT  | APPROX.  | UNIT        | AMOUNT |
|------------|---|----------------|-------|----------|-------------|--------|
| I I ⊏IVI   | DESCRIPTION   | REF.           | UNIT  | QUANTITY | PRICE       | AMOUNT |
| B. 2       | Watermain Valve   | CW 2110        |       |          |             |        |
| a)         | 150mm   | 011 2110       | each  | 1.0      |             |        |
| b)         | 300mm   |                | each  | 1.0      |             |        |
| ٠,         |   |                | ouom  |          |             |        |
| B. 3       | Fittings  | CW 2110        |       |          |             |        |
| a)         | Tees  |                |       |          |             |        |
| i)         | 300mm x 300mm x 150 mm  |                | each  | 1.0      |             |        |
| b)         | Bends (SD-004)  |                |       |          |             |        |
| i)         | 300mm - 45°   |                | each  | 1.0      |             |        |
| c)         | Reducers  |                |       |          |             |        |
| i)         | 300mm - 200mm   |                | each  | 1.0      |             |        |
| B. 4       | Connecting to Existing Watermains and Large Diameter Water Services | CW 2110        |       |          |             |        |
| a)         | In-line connection - no plug existing                               |                |       |          |             |        |
| i)         | 150mm   |                | each  | 1.0      |             |        |
| ii)        | 200mm   |                | each  | 1.0      |             |        |
| B. 5       | Partial Slab Patches  | E5             |       |          |             |        |
|            | 150mm reinforced concrete   | 20             | 2     | 20.0     |             |        |
| a)         | pavement  | 014/ 000=      | m²    |          |             |        |
| B. 6       | Miscellaneous Concrete Slab Renewal                                 | CW 3235,<br>E6 |       |          |             |        |
| в. о<br>а) | Sidewalk (SD-228A)  | LO             | m²    | 32.0     |             |        |
| ω,         | oldowalik (GD 226) i)   | CW 3240,       |       |          |             |        |
| B. 7       | Concrete Curb Renewal   | E7             |       |          |             |        |
| a)         | Barrier curb (SD-204)   |                | m     | 15.0     |             |        |
| b)         | Ramp curb   |                | m     | 4.0      |             |        |
| B. 8       | Construction of Asphaltic Concrete                                  | CW 3410        | tonne | 3.6      |             |        |
|            | Overlays Type 1A  |                |       |          |             |        |
|            | Amy Street - James Avenue to Rupert                                 | Avenue         |       |          | Subtotal B: |        |
|            | Fort Street - 18 N of St Mary Avenue                                |                |       |          |             |        |
| <u>C</u>   | to Graham Avenue  |                | 1     | ,        |             |        |
| C. 1       | Watermain Renewal   | CW 2110        |       |          |             |        |
| a)         | 250mm   | O 1 1 2 1 1 0  |       |          |             |        |
| i)         |   |                | m     | 124.0    |             |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM             | DESCRIPTION  | SPEC.<br>REF.  | UNIT | APPROX.<br>QUANTITY | UNIT<br>PRICE | AMOUNT |
|------------------|--|----------------|------|---------------------|---------------|--------|
| C. 2<br>a)       | Hydrant Assembly<br>SD-007   | CW 2110        | each | 1.0                 |               |        |
| C. 3<br>a)       | Watermain Valve<br>250mm   | CW 2110        | each | 1.0                 |               |        |
| C. 4<br>a)<br>i) | Water Services 19mm trenchless installation, Class B sand bedding, Class 3 backfill                                      | CW 2110        | m    | 4.0                 |               |        |
| C. 5<br>a)       | Corporation Stops<br>19mm  | CW 2110        | each | 1.0                 |               |        |
| C. 6<br>a)       | Curb Stops<br>19mm   | CW 2110        | each | 1.0                 |               |        |
| C. 7<br>a)       | Curb Stop Boxes<br>19mm  | CW 2110        | each | 1.0                 |               |        |
| C. 8<br>a)<br>i) | Connecting to Existing Watermains and<br>Large Diameter Water Services<br>In-line connection - no plug existing<br>250mm | CW 2110        | each | 2.0                 |               |        |
| C. 9<br>a)       | Connecting Existing Copper Water<br>Services to New Watermains<br>19mm   | CW 2110        | each | 1.0                 |               |        |
| C. 10<br>a)      | 10.9 Kilogram Sacrificial Zinc Anodes On Water Services  | CW 2110        | each | 2.0                 |               |        |
| C. 11<br>i)      | Partial Slab Patches 200mm reinforced concrete pavement for early opening (24 hours)                                     | E5<br>CW 3235, | m²   | 50.0                |               |        |
| C. 12<br>a)      | Miscellaneous Concrete Slab Renewal<br>Sidewalk (SD-228A)  | E6             | m²   | 25.0                |               |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM  | DESCRIPTION   | SPEC.            | UNIT   | APPROX.  | UNIT        | AMOUNT |
|-------|---|------------------|--------|----------|-------------|--------|
|       |   | REF.<br>CW 3240, |        | QUANTITY | PRICE       |        |
| C. 13 | Concrete Curb Renewal   | E7               |        |          |             |        |
| a)    | Barrier curb (SD-204)   |                  | m      | 20.0     |             |        |
| b)    | Ramp curb   |                  | m      | 8.0      |             |        |
|       | ·   |                  |        |          |             |        |
| C. 14 | Construction of Asphaltic Concrete<br>Overlays Type 1A              | CW 3410          | tonne  | 9.0      |             |        |
|       | Fort Street - 18 N of St Mary Avenue to                             | Graham Ave       | enue   |          | Subtotal C: |        |
| D     | Normandy Drive - Lumsdon Avenue<br>to Gibralter Bay (S-Leg)         |                  |        |          |             |        |
|       | to electric bay (e bag)   |                  |        |          |             |        |
| D. 1  | Watermain Renewal   | CW 2110          |        |          |             |        |
| a)    | 150mm   |                  |        |          |             |        |
| i)    | trenchless installation, Class B sand<br>bedding, Class 3 backfill  |                  | m      | 148.0    |             |        |
| D. 2  | Watermain Valve   | CW 2110          |        |          |             |        |
| a)    | 150mm   | 011 2110         | each   | 2.0      |             |        |
| ۵,    | 10011111  |                  | - Cuon |          |             |        |
| D. 3  | Fittings  | CW 2110          |        |          |             |        |
| a)    | Tees  |                  |        |          |             |        |
| i)    | 150mm X 150mm X 150mm   |                  | each   | 1.0      |             |        |
| b)    | Bends (SD-004)  |                  |        |          |             |        |
| i)    | 150mm - 45°   |                  | each   | 2.0      |             |        |
| D. 4  | Water Services  | CW 2110          |        |          |             |        |
| a)    | 19mm  |                  |        |          |             |        |
| i)    | trenchless installation, Class B sand bedding, Class 3 backfill     |                  | m      | 10.0     |             |        |
| D. 5  | Corporation Stops   | CW 2110          |        |          |             |        |
| a)    | 19mm  | CVV 2110         | each   | 9.0      |             |        |
| (a)   | 19111111  |                  | eacii  | 0.0      |             |        |
| D. 6  | Connecting to Existing Watermains and Large Diameter Water Services | CW 2110          |        |          |             |        |
| a)    | In-line connection - no plug existing                               |                  |        |          |             |        |
| i)    | , , ,   |                  | each   | 2.0      |             |        |
| '     |   |                  |        |          |             |        |
| D. 7  | Connecting Existing Copper Water Services to New Watermains         | CW 2110          |        |          |             |        |
| a)    | 19mm  |                  | each   | 9.0      |             |        |
| ,     |   |                  |        |          |             |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| <u>UNIT P</u> | RICES   |              |         |          |             |        |
|---------------|---|--------------|---------|----------|-------------|--------|
| ITEM          | DESCRIPTION   | SPEC.        | UNIT    | APPROX.  | UNIT        | AMOUNT |
| I I LIVI      | DESCRIPTION   | REF.         | CINII   | QUANTITY | PRICE       | AMOUNT |
|               |   |              |         |          |             |        |
| D. 8          | 10.9 Kilogram Sacrificial Zinc Anodes                           | CW 2110      |         |          |             |        |
| a)            | On Water Services   |              | each    | 9.0      |             |        |
| , ·           |   |              |         |          |             |        |
| D. 9          | Partial Slab Patches  | E5           |         |          |             |        |
|               | 150mm reinforced concrete                                       |              |         | 20.0     |             |        |
| a)            | pavement  |              | m²      |          |             |        |
|               | ·   | CW 3240,     |         |          |             |        |
| D. 10         | Concrete Curb Renewal   | E7           |         |          |             |        |
| a)            | Barrier curb (SD-204)   |              | m       | 15.0     |             |        |
|               | Normandy Drive - Lumsdon Avenue to                              | Gibralter Ba | y (S-Le | g)       | Subtotal D: |        |
|               |   |              |         |          |             |        |
|               | Gibralter Bay - Normandy Drive to                               |              |         |          |             |        |
| <u>E</u>      | Gibralter Bay (S-Leg)   |              | •       | _        |             |        |
|               | Water and Barrel  | 014/04/40    |         |          |             |        |
| E. 1          | Watermain Renewal   | CW 2110      |         |          |             |        |
| a)            | 150mm   |              |         |          |             |        |
| i)            | · ·   |              | m       | 154.0    |             |        |
|               | bedding, Class 3 backfill                                       |              |         |          |             |        |
|               |   |              |         |          |             |        |
| E. 2          | Hydrant Assembly  | CW 2110      |         |          |             |        |
| a)            | SD-007  |              | each    | 2.0      |             |        |
|               |   |              |         |          |             |        |
| E. 3          | Watermain Valve   | CW 2110      |         |          |             |        |
| a)            | 150mm   |              | each    | 1.0      |             |        |
|               |   |              |         |          |             |        |
| E. 4          | Fittings  | CW 2110      |         |          |             |        |
| a)            | Bends (SD-004)  |              |         |          |             |        |
| i)            | 150mm - 22 1/2°   |              | each    | 2.0      |             |        |
| ii)           | 150mm - 45°   |              |         | 1.0      |             |        |
| ")            | 150mm - 45°   |              | each    | 1.0      |             |        |
| E. 5          | Water Services  | CW 2110      |         |          |             |        |
| a)            | 19mm  | 2 2.10       |         |          |             |        |
|               |   |              | <b></b> | 10.0     |             |        |
| i)            | trenchless installation, Class B sand bedding, Class 3 backfill |              | m       | 10.0     |             |        |
|               | bedding, Class 3 backilli                                       |              |         |          |             |        |
|               | Corneration Stone   | C)M 0440     |         |          |             |        |
| E. 6          | Corporation Stops   | CW 2110      |         | 15.0     |             |        |
| a)            | 19mm  |              | each    | 15.0     |             |        |
|               |   | <b>-</b>     |         |          |             |        |
| E. 7          | Connecting to Existing Watermains and                           | CW 2110      |         |          |             |        |
|               | Large Diameter Water Services                                   |              |         |          |             |        |
| a)            | In-line connection - no plug existing                           |              |         |          |             |        |
| i)            | 150mm   |              | each    | 1.0      |             |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM     | DESCRIPTION   | SPEC.          | UNIT | APPROX.  | UNIT        | AMOUNT |
|----------|---|----------------|------|----------|-------------|--------|
|          | 223   | REF.           |      | QUANTITY | PRICE       |        |
| E. 8     | Connecting Existing Copper Water<br>Services to New Watermains  | CW 2110        |      |          |             |        |
| a)       | 19mm  |                | each | 15.0     |             |        |
| E. 9     | 10.9 Kilogram Sacrificial Zinc Anodes                           | CW 2110        |      |          |             |        |
| a)       | On Water Services   |                | each | 10.0     |             |        |
|          |   | 011.01.10      |      | 5.0      |             |        |
| E. 10    | Continuity Bonding  | CW 2110        | each |          |             |        |
| E. 11    | Partial Slab Patches  | E5             |      |          |             |        |
| a)       | 150mm reinforced concrete                                       |                | m²   | 15.0     |             |        |
|          | pavement  | CW 3240,       |      |          |             |        |
|          | Concrete Curb Renewal   | E7             |      |          |             |        |
| a)       | Barrier curb (SD-204)   | 1, 5, (2)      | m    | 30.0     | 0.14.4.15   |        |
|          | Gibralter Bay - Normandy Drive to Gib                           | naiter bay (3- | Leg) |          | Subtotal E: |        |
|          | Memorial Boulevard - St Mary                                    |                |      |          |             |        |
| <u>F</u> | Avenue to York Avenue   |                |      |          |             |        |
| F. 1     | Watermain Renewal   | CW 2110        |      |          |             |        |
| a)       | 150mm   |                |      |          |             |        |
| i)       | trenchless installation, Class B sand bedding, Class 3 backfill |                | m    | 2.5      |             |        |
| b)       | 200mm   |                |      |          |             |        |
| i)       | trenchless installation, Class B sand bedding, Class 3 backfill |                | m    | 1.5      |             |        |
| c)       | 250mm   |                |      |          |             |        |
| i)       | trenchless installation, Class B sand bedding, Class 3 backfill |                | m    | 126.0    |             |        |
| F. 2     | Hydrant Assembly  | CW 2110        |      |          |             |        |
| a)       | SD-006  |                | each | 1.0      |             |        |
| F. 3     | Watermain Valve   | CW 2110        |      |          |             |        |
| a)       | 150mm   | 5 20           | each | 1.0      |             |        |
| b)       | 250mm   |                | each | 1.0      |             |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| UNIT P          | RICES   |               |       |                     |               |        |
|-----------------|---|---------------|-------|---------------------|---------------|--------|
| ITEM            | DESCRIPTION   | SPEC.<br>REF. | UNIT  | APPROX.<br>QUANTITY | UNIT<br>PRICE | AMOUNT |
| F 4             | Fittings  | CW 2110       |       |                     |               |        |
| F. 4<br>a)      | Fittings Tees   | CVV 2110      |       |                     |               |        |
| ,               | 250mm x 250mm x150 mm   |               | each  | 1.0                 |               |        |
| i)<br>ii)       |   |               | each  | 1.0                 |               |        |
| b)              | Bends (SD-004)  |               | Cacii | 1.0                 |               |        |
| i)              | 200mm - 90°   |               | each  | 1.0                 |               |        |
| ii)             |   |               | each  | 2.0                 |               |        |
| c) <sup>′</sup> | Reducers  |               |       |                     |               |        |
| i)              |   |               | each  | 1.0                 |               |        |
| F. 5            | Connecting to Existing Watermains and Large Diameter Water Services   | CW 2110       |       |                     |               |        |
| a)              | In-line connection - no plug existing   |               |       |                     |               |        |
| i)              |   |               | each  | 1.0                 |               |        |
| ii)             |   |               | each  | 1.0<br>2.0          |               |        |
| iii)            | 250mm   |               | each  | 2.0                 |               |        |
| F. 6<br>i)      | Partial Slab Patches 200mm reinforced concrete pavement for early opening (24 hours)  | E5            | m²    | 48.0                |               |        |
|                 | nours)  | CW 3235,      |       |                     |               |        |
| F. 7            | Miscellaneous Concrete Slab Renewal   | E6            |       |                     |               |        |
| a)              | Sidewalk (SD-228A)  |               | m²    | 14.0                |               |        |
|                 | Occupation Octobring to the Control of the Control | CW 3240,      |       |                     |               |        |
| F. 8<br>a)      | Concrete Curb Renewal Barrier curb (SD-204)   | E7            | m     | 12.0                |               |        |
| b)              | Ramp curb   |               | m     | 4.0                 |               |        |
|                 | Trainp dails  |               | •••   |                     |               |        |
| F. 9            | Construction of Asphaltic Concrete<br>Overlays Type 1A  | CW 3410       | tonne | 8.6                 |               |        |
|                 | Memorial Boulevard - St Mary Avenue   | to York Aver  | nue   |                     | Subtotal F:   |        |
| <u>G</u>        | Sargent Avenue - Balmoral Street to Edmonton Street   |               |       |                     |               |        |
| G. 1            | Watermain Renewal   | CW 2110       |       |                     |               |        |
| a)              | 150mm   | CVV ZIIU      |       |                     |               |        |
| i)              |   |               | m     | 12.0                |               |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM            | DESCRIPTION   | SPEC.<br>REF. | UNIT | APPROX.<br>QUANTITY | UNIT<br>PRICE | AMOUNT |
|-----------------|---|---------------|------|---------------------|---------------|--------|
| b)              | 300mm<br>trenchless installation, Class B sand<br>bedding, Class 3 backfill |               | m    | 2.0                 |               |        |
| c)<br>i)        | 350mm<br>trenchless installation, Class B sand<br>bedding, Class 3 backfill |               | m    | 195.0               |               |        |
| G. 2            | Watermain Valve   | CW 2110       |      |                     |               |        |
| a)              | 150mm   |               | each | 5.0                 |               |        |
| b)              | 350mm   |               | each | 4.0                 |               |        |
| G. 3            | Fittings<br>350mm x 350mm x 150 mm  | CW 2110       | each | 7.0                 |               |        |
| ii)             |   |               | each | 1.0                 |               |        |
| a)              | Bends (SD-004)<br>150mm - 45°   |               | each | 2.0                 |               |        |
| i)<br>ii)       |   |               | each | 1.0                 |               | I      |
| iii)            |   |               | each | 2.0                 |               |        |
| iv)             |   |               | each | 2.0                 |               |        |
| b) <sup>'</sup> | Reducers  |               |      |                     |               |        |
| i)              |   |               | each | 1.0                 |               |        |
| G. 4            | Water Services  | CW 2110       |      |                     |               |        |
| a)              | 19mm  |               |      |                     |               |        |
| i)              | trenchless installation, Class B sand bedding, Class 3 backfill             |               | m    | 5.0                 |               |        |
| b)              | 25mm  |               |      |                     |               |        |
| i)              | trenchless installation, Class B sand<br>bedding, Class 3 backfill          |               | m    | 18.0                |               |        |
| G. 5            | Corporation Stops   | CW 2110       |      |                     |               |        |
| a)              | 19mm  |               | each | 1.0                 |               |        |
| b)              | 25mm  |               | each | 1.0                 |               |        |
| G. 6            | Curb Stops  | CW 2110       |      |                     |               |        |
| a)              | 19mm  |               | each | 1.0                 |               |        |
| b)              | 25mm  |               | each | 1.0                 |               |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM        | DESCRIPTION  | SPEC.<br>REF.  | UNIT   | APPROX.<br>QUANTITY | UNIT<br>PRICE | AMOUNT |
|-------------|--|----------------|--------|---------------------|---------------|--------|
| G. 7        | Curb Stop Boxes  | CW 2110        |        |                     |               |        |
| a)          | 19mm   |                | each   | 1.0                 |               |        |
| b)          | 25mm   |                | each   | 1.0                 |               |        |
| G. 8        | Connecting to Existing Watermains and Large Diameter Water Services                  | CW 2110        |        |                     |               |        |
| a)          | In-line connection - no plug existing  |                |        |                     |               |        |
| i)          | 150mm  |                | each   | 7.0                 |               |        |
| ii)         | 300mm  |                | each   | 1.0                 |               |        |
| iii)        | 350mm  |                | each   | 1.0                 |               |        |
| G. 9        | Connecting Existing Copper Water Services to New Watermains                          | CW 2110        |        |                     |               |        |
| a)          | 19mm   |                | each   | 1.0                 |               |        |
| b)          | 25mm   |                | each   | 1.0                 |               |        |
| G. 10       | 10.9 Kilogram Sacrificial Zinc Anodes  | CW 2110        |        |                     |               |        |
| a)          | On Water Services  |                | each   | 4.0                 |               |        |
| G. 11<br>i) | Partial Slab Patches 200mm reinforced concrete pavement for early opening (24 hours) | E5             | m²     | 45.0                |               |        |
| G. 12       | Miscellaneous Concrete Slab Renewal  | CW 3235,<br>E6 |        |                     |               |        |
| a)          | Sidewalk (SD-228A)   | LO             | m²     | 70.0                |               |        |
|             | , , ,  | CW 3240,       |        |                     |               |        |
| G. 13       | Concrete Curb Renewal  | E7             |        | 35.0                |               |        |
| a)<br>b)    | Barrier curb (SD-204)  |                | m<br>m | 10.0                |               |        |
| b)          | Ramp curb  |                | m      | 10.0                |               |        |
| G. 14       | Construction of Asphaltic Concrete<br>Overlays Type 1A                               | CW 3410        | tonne  | 7.2                 |               |        |
| G. 15       | Regrading Existing Interlocking Paving<br>Stone Installations                        | CW 3330        | m²     | 30.0                |               |        |
|             | Sargent Avenue - Balmoral Street to Edmonton Street Subtotal G:                      |                |        |                     |               |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| ITEM              | DESCRIPTION   | SPEC.    | UNIT  | APPROX.  | UNIT  | AMOUNT |
|-------------------|---|----------|-------|----------|-------|--------|
|                   |   | REF.     |       | QUANTITY | PRICE |        |
|                   | Kennedy Street - Sargent Avenue to                              |          |       |          |       |        |
| <u>H</u>          | Qu'Appelle Avenue   |          |       |          |       |        |
| H. 1              | Watermain Renewal   | CW 2110  |       |          |       |        |
| a)                | 150mm   |          |       |          |       |        |
| i)                | trenchless installation, Class B sand bedding, Class 3 backfill |          | m     | 18.0     |       |        |
| b)                | 200mm   |          |       |          |       |        |
| i)                | trenchless installation, Class B sand bedding, Class 3 backfill |          | m     | 159.0    |       |        |
| c)                | 250mm   |          |       |          |       |        |
| i)                | trenchless installation, Class B sand bedding, Class 3 backfill |          | m     | 8.0      |       |        |
| H. 2              | Hydrant Assembly  | CW 2110  |       |          |       |        |
| a)                | SD-006  |          | each  | 2.0      |       |        |
| H. 3              | Watermain Valve   | CW 2110  |       |          |       |        |
| a)                | 150mm   | CVV 2110 | each  | 6.0      |       |        |
| b)                | 200mm   |          | each  | 6.0      |       |        |
|                   | 20011111  |          | odon  |          |       |        |
| H. 4              | Fittings  | CW 2110  |       |          |       |        |
| a)                | Tees  |          |       |          |       |        |
| i)                | 200mm X 200mm X 150mm   |          | each  | 6.0      |       |        |
| ii)               | 250mm x 250mm x 200 mm  |          | each  | 2.0      |       |        |
| H. 5              | Water Services  | CW 2110  |       |          |       |        |
| a)                | 19mm  |          |       |          |       |        |
| i)                | trenchless installation, Class B sand bedding, Class 3 backfill |          | m     | 34.0     |       |        |
| H. 6              | Corporation Stops   | CW 2110  |       |          |       |        |
| a)                | 19mm  | -        | each  | 3.0      |       |        |
| H. 7              | Curb Stops  | CW 2110  |       |          |       |        |
| п. <i>1</i><br>а) | 19mm  | CVV ZIIU | each  | 2.0      |       |        |
| ",                |   |          | 23011 |          |       |        |
| H. 8              | Curb Stop Boxes   | CW 2110  |       | 0.0      |       |        |
| a)                | 19mm  |          | each  | 2.0      |       |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

| UNIT P | RICES   | SPEC.         |                | APPROX.  | UNIT        |        |
|--------|---|---------------|----------------|----------|-------------|--------|
| ITEM   | DESCRIPTION   | REF.          | UNIT           | QUANTITY | PRICE       | AMOUNT |
|        |   | IXEI .        |                | QUARTITI | TRIOL       |        |
| H. 9   | Connecting to Existing Watermains and                       | CW 2110       |                |          |             |        |
|        | Large Diameter Water Services                               |               |                |          |             |        |
| a)     | In-line connection - no plug existing                       |               |                |          |             |        |
| i)     | 150mm   |               | each           | 6.0      |             |        |
| ii)    | 200mm   |               | each           | 1.0      |             |        |
| iii)   | 250mm   |               | each           | 2.0      |             |        |
|        |   | 014.0440      |                |          |             |        |
| H. 10  | Connecting Existing Copper Water Services to New Watermains | CW 2110       |                |          |             |        |
| - \    |   |               |                | 3.0      |             |        |
| a)     | 19mm  |               | each           | 3.0      |             |        |
| H. 11  | 10.9 Kilogram Sacrificial Zinc Anodes                       | CW 2110       |                |          |             |        |
| a)     | On Metallic Watermains                                      |               | each           | 1.0      |             |        |
| b)     | On Water Services   |               | each           | 5.0      |             |        |
| ,      |   |               | ouom           |          |             |        |
| H. 12  | Partial Slab Patches  | E5            |                |          |             |        |
| i)     |   |               |                | 90.0     |             |        |
|        | pavement for early opening (24                              |               | m²             |          |             |        |
|        | hours)  | CW 3235,      |                |          |             |        |
| H. 13  | Miscellaneous Concrete Slab Renewal                         | E6            |                |          |             |        |
| a)     | Sidewalk (SD-228A)  |               | m²             | 55.0     |             |        |
| u,     | Gladwaik (GB 220/1)   | CW 3240,      |                |          |             |        |
| H. 14  | Concrete Curb Renewal                                       | E7            |                |          |             |        |
| a)     | Barrier curb (SD-204)                                       |               | m              | 20.0     |             |        |
| b)     | Ramp curb   |               | m              | 4.0      |             |        |
|        |   |               |                |          |             |        |
| H. 15  | Planing   | CW 3450-R3    |                |          |             |        |
| a)     | Planing 0- 50 mm depth                                      |               |                |          |             |        |
| i)     | Asphaltic Concrete  |               | m²             | 410.0    |             |        |
| ''     | Asphallic Concrete  |               | 111            | 410.0    |             |        |
| H. 16  | Construction of Asphaltic Concrete                          | CW 3410       | tonne          | 11.8     |             |        |
|        | Overlays Type 1A  | 00110         | .0.1110        | 11.0     |             |        |
|        | Kennedy Street - Sargent Avenue to G                        | Qu'Appelle Av | enue           |          | Subtotal H: |        |
| I      | Provisional Items   |               |                |          |             |        |
| _      |   | CW 2030,      | 2              |          |             |        |
| I. 1   | Cement Stabilized Fill                                      | CW 2160       | m <sup>3</sup> | 20.0     |             |        |
| l. 2   | Sodding   | CW 3510       | m <sup>2</sup> | 50.0     |             |        |
| –      | , · · ·   |               |                |          |             |        |

(SEE B10)

## 2018 WATERMAIN RENEWALS - CONTRACT NO. 5

#### **UNIT PRICES**

| ITEM                     | DESCRIPTION  | SPEC.<br>REF.            | UNIT                | APPROX.<br>QUANTITY          | UNIT<br>PRICE | AMOUNT |
|--------------------------|--|--------------------------|---------------------|------------------------------|---------------|--------|
| l. 3                     | Continuity Bonding   | CW 2110                  | each                | 10.0                         |               |        |
| I. 4                     | Maintaining Curb Stop Excavations  | CW 2110                  | day                 | 25.0                         |               |        |
| I. 5<br>a)               | Fittings<br>Bends (SD-004)   | CW 2110                  |                     |                              |               |        |
| i)<br>b)                 | 300mm - 45°<br>Bends (SD-005)  |                          | each                | 2.0                          |               |        |
| i)                       | 150mm - 45°  |                          | each                | 4.0                          |               |        |
| ii)                      | 200mm - 45°  |                          | each                | 2.0                          |               |        |
| I. 6<br>a)               | Regrading of Existing Sewer Service -<br>Up to 1.5 metres Long<br>150mm  | CW 2110                  | each                | 15.0                         |               |        |
| I. 7<br>a)<br>I. 8<br>a) | Regrading of Existing Sewer Service -<br>Longer Than 1.5 metres<br>150mm<br>Remove and Replace Existing Catch<br>Basin<br>SD-024                               | CW 2110<br>CW 2130       | m<br>each           | 15.0<br>4.0                  |               |        |
| a)<br>b)<br>I. 11        | Temporary Surface Restoration Street Pavement Sidewalk Supply and Installation of Interlocking Paving Stone Sewer Inspection 250mm to 900mm  Provisional Items | E8<br>CW 3330<br>CW 2145 | m2<br>m2<br>m²<br>m | 25.0<br>25.0<br>25.0<br>50.0 | Subtotal I:   |        |
| Total Bid Price:         |  |                          |                     |                              |               |        |

| TOTAL BID PRICE (GST extra) | (in figures)\$ |
|-----------------------------|----------------|
| (in words)                  |                |
|                             |                |
|                             |                |
|                             |                |

Name of Bidder

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

(Page 1 of 2) (See B14)

#### **BID BOND**

| (hereinafter called the "Principal") and  |
|---|
| (hereinafter called the "Surety"), are held and firmly bound unto <b>THE CITY OF WINNIPEG</b> (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. |

BID OPPORTUNITY NO. 132-2018

2018 WATER MAIN RENEWALS - CONTRACT NO. 5

WHEREAS the Principal has submitted a Bid to the Obligee for

KNOW ALL MEN BY THESE PRESENTS THAT

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 Principa       | al and Surety have signed and sealed this bond | d the  |
|---------------------------------------|--|--------|
| day of                                | , 20   |        |
| SIGNED AND SEALED in the presence of: | (Name of Principal)                            |        |
| (Witness as to Principal if no seal)  | Per:<br>Per:                                   | ,      |
|                                       | (Name of Surety)  By:  (Attorney-in-Fact)      | (Seal) |

#### 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, (Name of Bidder) (Place) the Bidder to you on \_\_\_\_\_\_, 20\_\_\_\_ for BID OPPORTUNITY NO. 132-2018 2018 WATER MAIN RENEWALS - CONTRACT NO. 5 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 forty-five (45) 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 B14)

| (Date)                    |   |
|---------------------------|---|
| Corpo<br>Materi<br>185 Ki | ity of Winnipeg<br>rate Finance Department<br>als Management Division<br>ng Street, Main Floor<br>peg MB R3B 1J1  |
| RE:                       | BID SECURITY - BID OPPORTUNITY NO. 132-2018   |
|                           | 2018 WATER MAIN RENEWALS – CONTRACT NO. 5   |
| Pursua                    | ant to the request of and for the account of our customer,  |
| (Name o                   | of Bidder)  |
|                           | EREBY ESTABLISH in your favour our irrevocable Standby Letter of Credit for a sum not exceeding aggregate   |
|                           | Canadian dollars.   |
| demar<br>Letter<br>payme  | Standby Letter of Credit may be drawn on by you at any time and from time to time upon writtened for payment made upon us by you. It is understood that we are obligated under this Standby of Credit for the payment of monies only and we hereby agree that we shall honour your demand for ent without inquiring whether you have a right as between yourself and our customer to make such and without recognizing any claim of our customer or objection by the customer to payment by us. |
|                           | mount of this Standby Letter of Credit may be reduced from time to time only by amounts drawn upon<br>ou or by formal notice in writing given to us by you if you desire such reduction or are willing that it be   |
| Partial                   | drawings are permitted.   |
|                           | ngage with you that all demands for payment made within the terms and currency of this Standby of Credit will be duly honoured if presented to us at:   |
| (Addres                   | s)  |
| and we                    | e 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 B14)

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 May 27, 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 of bank or financial institution) |                              |  |  |
|---|------------------------------|--|--|
| Per:                                    |                              |  |  |
|   | (Authorized Signing Officer) |  |  |
| Per:                                    |                              |  |  |
|   | (Authorized Signing Officer) |  |  |