



Clarence-Rockland

THE CORPORATION OF THE CITY OF CLARENCE-ROCKLAND

REQUEST FOR TENDER

Tender Number
F18-INF-2018-015
Watermain Looping
Landry Rd. and Russell Road

Request for Tenders Issued On: 27-Mar-2018

Tender Submission Deadline: 2:00:00pm on 18-Apr-2018 Local Time in Clarence-Rockland Ontario, Canada

Deliver to:

The Corporation of the City Clarence-Rockland
1560 Laurier
Clarence-Rockland
Client Service Center
Rockland, ON
K4K1P7

TABLE OF CONTENTS

COMMUNICATIONS.....5



.....6

SECTION 1.0 INSTRUCTIONS TO BIDDERS.....6

- 1. ELIGIBILITY TO PARTICIPATE..... 6
- 2. GENERAL..... 6
- 3. TENDER TIMELINE..... 6
- 4. SUBMISSION OF BID..... 6
- 5. BID DEPOSIT..... 7
- 6. AGREEMENT TO BOND..... 7
- 7. PERFORMANCE SECURITY..... 7
- 8. GENERAL DESCRIPTION..... 7
- 9. SCHEDULED OR (MANDATORY) MEETING:..... 7
- 10. LATE BIDS..... 8
- 11. OPENING OF BIDS..... 8
- 12. WITHDRAWAL OF BIDS..... 8
- 13. ADDENDUM / ADDENDA..... 8
- 14. REJECTION OF BIDS..... 9
- 15. BID IRREGULARITIES..... 9
- 16. BIDS IRREVOCABLE..... 10
- 17. BID SUBMISSION FORM..... 10
- 18. PRICING..... 10
- 19. INCIDENTAL ITEMS..... 11
- 20. UNBALANCED SUBMISSION AND DISCREPANCIES..... 12
- 21. AWARD..... 12
- 22. EVALUATION OF BIDS..... 13
- 23. VERIFICATION OF SAFETY PERFORMANCE..... 13
- 24. BIDDER PROFILE..... 13
- 25. REQUIREMENTS UPON ACCEPTANCE..... 14
- 26. BIDDERS INVOLVED IN LITIGATION WITH THE CITY OF CLARENCE-ROCKLAND..... 14
- 27. TRAINING REQUIRED ABOUT ACCESSIBILITY FOR ONTARIANS WITH DISABILITIES..... 15
- 28. NEGOTIATION (PRE CONTRACT AWARD)..... 15
- 29. CHARACTER OF WORKERS..... 15
- 30. CONTRACT CANCELLATION..... 15
- 31. PUBLIC RELATIONS..... 16

SECTION 2.0 STANDARD TERMS & CONDITIONS.....17

SECTION 3.0 GENERAL REQUIREMENTS.....19

- 1. CITY NOT BOUND..... 19
- 2. ERRORS AND OMISSIONS/ MATHEMATICAL ERRORS (UNIT PRICES PREVAIL)..... 19
- 3. OWNERSHIP OF SUBMISSION MATERIAL..... 19
- 4. INCURRED COST..... 19
- 5. TAXES AND DUTY..... 19
- 6. NON-RESIDENTS..... 20
- 7. GOVERNING LAW..... 20
- 8. COPYRIGHT..... 20
- 9. ABILITY AND EXPERIENCE OF BIDDERS..... 20
- 10. FREEDOM OF INFORMATION..... 20
- 11. WORKPLACE SAFETY AND INSURANCE BOARD..... 21
- 12. INSURANCE/INDEMNIFICATION..... 21
- 13. INSURANCE CLAIMS..... 23



14. DEFAULT	24
15. TERMINATION	24
16. SUSPENSION OF BIDDERS	24
17. SKID AND DRUM DEPOSITS	24
18. INSPECTION	24
19. REJECTION	25
20. VENDOR RESPONSIBILITIES	25
21. SUPPLIER’S CONDUCT AND CONFLICTS OF INTEREST	25
22. OCCUPATIONAL HEALTH AND SAFETY ACT (OHSA) REQUIREMENTS	26
23. TOXIC AND HAZARDOUS SUBSTANCES	27
24. LICENCES AND PERMITS	28
25. EVIDENCE OF QUALITY	28
26. LABOUR DISPUTES	28
27. GUARANTEED MAINTENANCE AND WARRANTY	28
28. EXISTING SERVICES	29
29. INSPECTION AND CONTROL OF SITE	29
30. PROVISIONS FOR TRAFFIC CONTROL (ONTARIO TRAFFIC MANUAL BOOK 7)	29
31. EMERGENCY AND MAINTENANCE	30
32. BRAND NAME OR EQUIVALENT	30
33. ENVIRONMENTAL SUSTAINABILITY	31
34. SPECIALIZED EQUIPMENT	31
35. TREPASS	31
36. REPLACEMENT OF PRIVATE DRIVEWAY BY RESIDENT	31
37. COOPERATION WITH OTHER UTILITIES	32
38. OPERATION OF WATER VALVES	32
39. MAINTENCE OF STROM DRAINS	32
40. MAINTENCE OF FLOW	33
41. PROTECTION OF DOWN STREAM SEWERS	33
42. MAINTENCE OF EXISTING ROADS	33
43. VEHICLE AND EQUIPMENT ACCESS	33
44. PEDISTRIAN ACCESS	33
45. PRIVATE DRIVEWAY ACCESS	34
46. GARBAGE ACCESS	34
47. SCALE TICKETS	34
48. FRESH CONCRETE	34
49. DUST CONTROL	34
50. COMPLETION DATE – LIQUIDATED DAMAGES	35
51. EXTENTSION AND ESCALATION	36
52. CONSTRUCTION SCHEDULE	36
53. TREES AND SHRUBS	37
54. VENDOR PERFORMANCE MANAGEMENT - CONTRACTOR EVALUATION	37
55. CONTRACT AND VENDOR REQUIREMENTS	38
56. INVOICE REQUIREMENTS	39
57. PAYMENT TERMS	39
SECTION 5.0 GENERAL/SUPPLEMENTARY CONDITIONS	40
OPSS MUNI 100 GENERAL CONDITIONS AND	40
OPSS MUNI 180 GENERAL CONDITIONS	40
SUPPLEMENTARY CONDITIONS TO OPSS MUNI 100	40
1.0 GENERAL CONDITIONS	40
GC 3.05 LAYOUT	40
SUPPLEMENTARY CONDITIONS TO OPSS MUNI 180	44
SECTION 6.0 SPECIAL PROVISIONS	45
NOTES TO “SPECIAL PROVISIONS – ITEMS”	45
ITEM NO. 1 – REMOVAL OF EXISTING ASPHALT PAVEMENT	47
ITEM NO. 2 & 3 – COMMON EXCAVATION, GRADING, COMPACTION AND PLACEMENT OF FILL MATERIAL	47
ITEM NO. 4 – VARIOUS SIZE WATERMAIN INSTALLATION BY HORIZONTAL DIRECTIONAL DRILLING (HDD)	49



ITEM NO. 5 & 6 – SUPPLY AND INSTALL WATERMAIN, COMPLETE WITH APPURTENANCES	60
ITEM NO. 7 – FIRE HYDRANT, LEAD AND VALVE	64
ITEM NO. 8 – VARIOUS SIZE HDPE/CSP	65
ITEM NO. 9 & 10 – SUPPLY AND PLACE GRANULAR A AND B	66
ITEM NO. 11 & 12 – SUPPLY, MIX AND PLACE HOT MIX ASPHALT	67
ITEM NO. 13 – RIP-RAP STONE ON FILTER CLOTH	69
ITEM NO. 14 – TOPSOIL AND SEED	69
ITEM NO. 15 – SEDIMENT CONTROL MEASURES & ENVIRONMENTAL PROTECTION	70
ITEM NO. 16 – TRAFFIC CONTROL	71
ITEM NO. 17 – LUMP SUM FOR OTHER REQUIREMENTS	72
SECTION 7.0 BID SUBMISSION FORMS.....	74
PRICING SCHEDULE	77
PROVISIONAL ITEMS AND QUANTITIES.....	80
LIST OF SUB-CONTRACTORS	81
KEY PERSONNEL	82
BIDDER’S EXPERIENCE IN SIMILAR WORK	83
APPENDIX A – ACCESSIBILITY STANDARDS FOR CUSTOMER SERVICE TRAINING ACKNOWLEDGEMENT FORM	84
APPENDIX B – NOTICE OF “NO BID”	85
APPENDIX C – CONTRACTOR / VENDOR PERFORMANCE EVALUATION	86
APPENDIX D – AGREEMENT TO BOND	91
APPENDIX E – COURTESY LABEL.....	92



COMMUNICATIONS

All questions related to this Tender, or for clarification on completing the Bid Submission Form, are to be directed in writing to:

Single Point of Contact:

Gerry Lalonde
Manager Supply & Processes
Tel: 613-446-6022, Ext. Ext 2206
E-mail: Glalonde@clarence-rockland.com

All questions relating to this Request for Tender or any clarification with respect to this Tender should be made in writing as per the tender time. We cannot guarantee a response to any questions received after this deadline. The City reserves the right to extend the closing deadline if required.

Written answers or clarifications to issues of substance shall be shared with all Bidders and will be issued as part of the Tender Documents in the form of an Addendum. Replies in any other manner will not be legally binding. All Addenda must be acknowledged on the Bid Submission Form.

No verbal communications shall modify the terms, conditions, or specifications, unless they are confirmed in writing to all potential bidders by the City of Clarence-Rockland Procurement Services in the form of an addendum.

Should a Bidder find omissions from or discrepancies in any of the Tender documents, unnecessary restrictions in the specifications, or should he/she be in doubt as to the meaning of any part of this document, he/she should notify the contact named above in writing prior to submitting a bid. An addendum will be issued if it is determined that a correction, explanation or interpretation is necessary or desirable.

The Tender and addenda will also be posted on the City of Clarence-Rockland Web site at www.Clarence-Rockland.com.

If Bidders fail to report any discrepancies, errors or omissions to the Buyer as specified, Bidders will be deemed to have accepted all such specifications as being accurate, and the City will not approve any alternatives or extra charges subsequent to acceptance of the bid. Therefore, Bidders are encouraged to review the document in full before the deadline for questions.



1. ELIGIBILITY TO PARTICIPATE

Open competition.

2. GENERAL

This RFT process is being undertaken in accordance with the City’s Purchasing By-law.

By submitting a bid, the bidder has accepted an offer by the City to enter into a "bid contract" for evaluation of bids and the award of the contract, if an award is made. The Bidder acknowledges that the terms of the "bid contract" are represented by the RFT Documents (hereinafter defined).

3. TENDER TIMELINE

Event	Anticipated Date
Request for Tender issued	27-Mar-2018
Last Day for submitting e-mail inquiries	12-Apr-2018
Tenders due from firms	17-Apr-2018 2:00pm
Municipal Council	7-MAY – 23 May 2018
Award of contract	25-May-2018

4. SUBMISSION OF BID

Tenders should be completed without delineations, alterations, or erasures. In the event of a discrepancy between the original paper copy of a Tender and any of the copies, the original shall prevail.

Bids received after the deadline, whether delivered personally, or if mailed, regardless of postal markings, will not be opened and returned to the bidder. Fax or electronic (email) submissions will not be accepted.

Sealed Bids, one original and one copy, in a clearly marked envelope which includes the prescribed form(s) as instructed are to be delivered to City Hall, 1560 rue Laurier, Client Service Center, Rockland, Ontario, no later than 2:00 p.m. Local Time on 18-Apr-2018.

Bidders are required to submit the following with their Bid:

Bid Submission Forms, pages **74** to **85** must be submitted including all information as applicable to this contract.

- Bid Submission Form
- Pricing Schedule
- List of Subcontractors
- Key personnel
- Bidder's Experience In Similar Work
- Agreement to Bond

Proposals should be submitted in accordance with the instructions set out in this RFP.



Bids that are not originals, are unsigned, improperly signed, un-initialed, incomplete, conditional, qualified or illegible, may be declared non-compliant.

5. BID DEPOSIT

Bidders shall submit with their Bid Form a Bid Bond (CCDC Form 220 or a form of equal content acceptable to the Owner), with the Bidder named as Principal and the Owner named as obligee, issued by a duly qualified bonding company authorized to issue surety bonds in the Province of Ontario, in an amount of not less than ten (10%) percent of the Bidder's Bid Price.

- The Bid Bond shall be effective for a period of sixty (60) days after the Bid Closing Time.
- The cost of the Bid Bond shall be included in the Bidder's Bid Price.

The Bid Bond will be returned after delivery to the Owner of the required 25 % Performance Bond and 25% Labour and Materials Payment Bond by the accepted Bidder.

6. AGREEMENT TO BOND

Bidders shall submit with their Bid Form and Bid Bond an "Agreement to Bond" or "Consent of Surety", stating that the surety providing the Bid Bond is willing to supply the required Performance Bond and Labour and Material Payment Bond.

7. PERFORMANCE SECURITY

Upon execution of the contract, the successful bidder will be required to submit Performance Security in the amount of fifty percent (25%) of the contract price AND fifty percent (25%) of the contract price as labour and materials payment security.

- The cost of all bonds shall be included in the Bid Price.

The accepted Bidder shall submit to the Owner the required Performance Bond and Labour and Materials Payment Bond immediately upon receiving notification of acceptance of its Bid from the Owner.

The Contract Security shall be kept in force throughout the duration of the Contract including the guarantee, warranty or maintenance period of the Contract and/or until the Contract is deemed complete by the City

8. GENERAL DESCRIPTION

The intent of this Bid call is to invite and receive bids to furnish all labour, materials, services, transportation and incidentals to perform the following work:

Supply all materials, labour, equipment and appurtenance for the installation of a new watermain along Landry Street from Henri Road to Du Golf Road and Russel Road from Gendron Road to Marcil Road using trenchless technology.

9. SCHEDULED or (MANDATORY) MEETING:

NONE

10. LATE BIDS

Only Bids that have been time stamped by City staff and received at the Client Service Center will be considered. It is the responsibility of the Bidder to ensure that their Bids arrive on time at the Client Service Center. The City of Clarence-Rockland takes NO responsibility for Bids submitted via third parties and will NOT guarantee placement in the Bid Deposit box by closing time.

11. OPENING OF BIDS

Bids will be opened publicly by Procurement Services staff who will also notify proponents on the winning bidders name and value of the contract once the project has been awarded.

Bidders should note that the pricing information read out at the public tender opening is PRELIMINARY in nature only and should not be construed as an indication of which Bidder is being awarded the Contract. All documentation is subject to review for mathematical accuracies, compliance with the Specifications, and compliance with the Terms and Conditions of the Contract, the completion of which will ultimately determine the Successful Bidder

Time 2:00 PM on April 18-2018

**Site: City Hall
1560 Laurier
Clarence-Rockland
Client Service Center
Rockland, ON
K4K1P7**

12. WITHDRAWAL OF BIDS

A Bidder may withdraw their Bid by written notice on business letterhead, clearly identifying the project, signed by an authorized individual and received by Procurement Services UNTIL 1:59 PM Local Time on the closing day. Faxes will be accepted (613) 446-1497 with the receiving time at Procurement Services being the "Official" time of receipt. Procurement Services takes NO responsibility for fax transmittals NOT being received on time, regardless of when they were transmitted.

If more than one (1) bid is received under the same name for the same contract and no Bid Withdrawal Form has been received, the Bid contained in the Bid Envelope bearing the latest date and time shall be considered the intended Bid. The first Bid received shall be considered withdrawn and returned to the Bidder.

13. ADDENDUM / ADDENDA

All clarifications, and/or modifications to the bid documents will be made by written addendum. All such modifications shall be incorporated into the bid documents and shall be considered when determining the base bid. Replies to questions and modifications in any other manner will not be legally binding and the City of Clarence-Rockland will assume no responsibility for oral instruction or suggestion provided by any City representative or consultant.

N.B. It is the responsibility of the vendor to check the Merx Web Site or the City Web site for any possible addenda.

Bidders will be allowed the opportunity to acknowledge Addendum / Addenda 48 hours after the closing date and time.

Bidders will **not** be allowed to alter their submission in any way after the closing date and time has elapsed.

Bidders should acknowledge receipt of all Addendum / Addenda by inserting in the space provided on the Bid Submission Form, the numbers of all Addendum / Addenda received during the bidding period.

14. REJECTION OF BIDS

The City of Clarence-Rockland reserves the right to reject any, or any part of, or all Bids, or cancel this Bid at any time for any reason whatsoever and also reserves the right to award the contract to other than the lowest compliant bidder.

The City of Clarence-Rockland will not consider Bids where the Bid Submission Form is improperly or incompletely filled out. The Bid Submission Form is supplied by the City of Clarence-Rockland. Bids submitted to the Client Service Center, City Hall, Clarence-Rockland, Ontario, after the designated closing time on the due date will not be considered, regardless of the circumstances which resulted in the late arrival to the Bid Deposit Box, and regardless of any postal cancellation date that may be imprinted on them.

The Bid Submission Form must bear a signature of an authorized person(s) of the bidder.

15. BID IRREGULARITIES

All bids received by the City of Clarence-Rockland are governed by its Procurement By-law, which in part provides staff with guidance in determining the validity of all Bids.

Bid irregularities will be dealt with in accordance with the following table:

Irregularity	Consequenc
Late Bids.	Rejection.
Bid security not provided or not in the form or amount that is specified.	Rejection.
Bid security not signed by the bidder or the bonding company.	Rejection.
Bids not completed in ink.	Rejection.
Signature missing from signature page.	Rejection.
Qualified bids (bids qualified or restricted by an attached or added statement).	Rejection, unless allowed for in the bid solicitation.
Bids received on documents other than those provided in the request.	Rejection, unless allowed for in the bid.
Part Bid (all items not bid).	Rejection, unless allowed for in the bid.
Failure to attend a mandatory meeting.	Rejection.
Bids containing errors in extensions, additions, or computations.	The City has the right to correct mathematical errors.

The City of Clarence-Rockland will not accept bids containing changes, erasures, overwriting, whiteouts, cross outs, or strikeouts, which are not initialed by the bidder.	The bidder has 48 hours after the close of the bid to initial these pages, but will not be allowed to make any changes.
Bids which suggest that the bidder has made a major mistake in calculations or the bid.	Decision will be made on a case by case basis and in consultation with the Manager of Supply and the Legal Department.
Addenda not acknowledged.	The bidder has 48 hours to acknowledge addenda, but is not allowed to make any changes to their bids.
Other Proposal Irregularities, including deviations in terms.	Referred to the Bid Review Panel for review, consideration, and determination. Upon Request of the Owner, the Proponent may be given five (5) Working Days to correct such Proposal Irregularity.

16. BIDS IRREVOCABLE

Bid submissions are an offer to the City, are irrevocable for a period of one hundred and twenty (120) calendar days, and may not be withdrawn by the Bidder after closing. Bids are open for acceptance by the City for a period of one hundred (120) calendar days.

17. BID SUBMISSION FORM

The unaltered Bid Submission Form must be completed in full, bearing a signature of an authorized person(s), and submitted in a sealed envelope, which should clearly identify both the project description and Bid # and identifies the Bidder.

Bids must be typewritten or legibly written in ink with any erasures/corrections being initialed by the Bidder in ink.

The City of Clarence-Rockland will not accept bids containing changes, erasures, overwriting, whiteouts, cross outs, or strikeouts, which are **not** initialed by the bidder, or bids with any alterations to the original bid request document.

18. PRICING

All prices as submitted shall include all costs such as, but not limited to, labour, travel time, equipment, truck charges, materials, overheads, warranty and profits, disbursements and other related charges in the performance of the work. No further changes shall be permitted by any Bidder beyond the prices provided in the Bid.

- i. The bid price shall be provided in numerals only.
- ii. A mathematical or transposition discrepancy or error on the face of a bid may be corrected by the City by correcting the bid price accordingly, at the City's unencumbered discretion.

- iii. Where the discrepancy is in respect of a figure represented numerically and in words, the figure as written in words shall be accepted as correct, and the numerical representation will be corrected accordingly.
- iv. Where the discrepancy is in respect of extensions of unit prices, the unit price shall be taken as correct, and the extension shall be corrected accordingly.
- v. Where a mathematical error is made in adding line items to a total, the correct addition shall be taken as correct, and the recorded total will be corrected accordingly.
- vi. Where an error has been made in transferring an amount from one part of the bid to another, the amount shown before transfer shall be taken to be correct and the amount shown after the transfer and the bid price shall be corrected accordingly.
- vii. Where the discrepancy or error is such that more than one of the foregoing provisions applies, the corrections shall be applied sequentially.
- viii. Where the discrepancy or error is such that none of the foregoing provisions apply, the discrepancy or error shall be corrected by taking the lower of the inconsistent amounts as being correct, and the higher amount shall be corrected accordingly.
- ix. If a bidder has omitted to enter a price for an item of work set out in the bid, the bidder shall, unless the bidder has specifically stated otherwise in the bid, be deemed to have allowed elsewhere in the bid for the cost of carrying out the said item of work and, unless otherwise agreed to by the City, no increase shall be made in the total bid price on account of such omission.

All prices are F.O.B. destination, freight prepaid to Clarence-Rockland, Ontario unless otherwise specified.

19. INCIDENTAL ITEMS

The following is a partial list of items, the costs of which are to be included in the unit prices of the tender items unless a specific payment item is included in the Unite Price Worksheet. No additional payment will be made for the following:

- (a) Cost of permits and fees
- (b) Cost of attendance at site meetings and other emergency meetings that may be necessary over the course of the project to effect proper coordination, dealings with property and business operators/owners, dealing with emergency situations, and other related meeting activities necessary.
- (c) Cost of removing and/or relocating to a temporary or final location, when required by the City representative, small signs, fences, mailboxes, waste containers, or other minor obstructions interfering with the construction.
- (d) Cost of coordination of all work with utility companies who may be affected by the project or who may be required to perform work simultaneously with the work of the Contractor, except as specified elsewhere in these Contract documents.

- (e) Cost of supporting and protecting all existing utilities and coordinating this work with utility representatives as noted elsewhere.
- (f) Cost of normal roadway maintenance on existing roads and streets which may be affected by the Contractor's operations for the duration of the Contract.
- (g) Cost of providing temporary signage and closure of trails during construction.

The City representative, at his sole discretion, may limit the type and/or size of any equipment used in order to protect the environment, public safety and / or the integrity of the work and / or adjacent facilities during the project. No claims by the Contractor for compensation for any losses resulting from a delay in construction will be considered

20. UNBALANCED SUBMISSION AND DISCREPANCIES

Submissions that contain prices which appear to be unbalanced and likely to adversely affect the interests of the City may be rejected.

21. AWARD

The lowest or any Bid shall not necessarily be accepted.

Award of this Bid shall be as recommended by the designated City of Clarence-Rockland Department in conjunction with Procurement Services, and as approved by Council (if applicable), and conveyed as a PO by Procurement Services to the successful contractor or an executed agreement which has been signed by the City and the successful contractor.

Consideration for Award shall only be undertaken in relation to Bidders who are determined by the Owner to have satisfied all Bid Requirements.

The Owner hereby reserves the right, privilege, entitlement and absolute discretion, and for any reason whatsoever to:

- i. Accept a Bid which is not the lowest Bid submission, or reject a Bid that is the lowest Bid even if it is the only Bid received;
- ii. Cancel this Call for Bids at any time, either before or after the Closing Date and Time;
- iii. Accept the Bid deemed most favourable to the interests of the Owner or that may provide the greatest value advantage and benefit to the Owner based upon but not limited to the following criteria;
 - a) price
 - b) ability,
 - c) quality of Work, (guarantees and warranties)
 - d) service (service depot location)
 - e) past experience
 - f) past performance



- g) completion history (including extended completion dates)
- h) qualification
- iv. Accept or reject any and all Bids, whether in whole or in part;
- v. With the exception of Part I, Instructions to Bidders, waive any informalities, requirements, discrepancies, errors, omissions, or any other defects or deficiencies in any Bid Form or Bid submission;
- vi. Award any part of any Bid;
- vii. Accept or reject any unbalanced, irregular, or informal Bids; or
- viii. Reject any Bidder who is involved in litigation with The Corporation of the City of Clarence-Rockland.

22. EVALUATION OF BIDS

The Owner reserves the right to consider, during the evaluation of Bids

- i. Information provided in the Bid itself;
- ii. Information provided in response to enquiries of credit, experience and industry references set out in the Bid;
- iii. Information received in response to enquiries made by the Owner of third parties apart from those disclosed in the Bid in relation to the reputation, reliability, experience and capabilities of the Bidder;
- iv. The manner in which the Bidder provides services to others;
- v. The experience and qualification of the Bidder's senior management, and project management;
- vi. The compliance of the Bidder with the Owner 's requirements and specifications; or
- vii. Bidders with known poor safety records or with inadequate qualifications or equipment shall not be considered for Award.

The Bidder acknowledges that the Owner may rely upon the criteria, which the Owner deems relevant, even though such criteria may not have been disclosed to the Bidder. By submitting a Bid, the Bidder acknowledges the Owner 's rights under this Section and absolutely waives any right, or cause of action against the Owner and its consultants, by reason of the Owner 's failure to accept the Bid submitted by the Bidder, whether such right or cause of action arises in contract, negligence, or otherwise.

23. VERIFICATION OF SAFETY PERFORMANCE

Bidders for consideration of possible Contract award may be required to submit a recent copy of their NEER or CAD-7 Statement upon request.

24. BIDDER PROFILE

The Bidder shall submit, in addition to any information required to be included in a Bid Form submission, if requested, evidence of experience, ability, quality of Work,

service, past experience, and qualifications necessary to meet satisfactorily the requirements set forth or implied in the Bid Documents.

25. REQUIREMENTS UPON ACCEPTANCE

Prior to award, the recommended Bidder is required to submit the following in a form satisfactory to the City for execution within ten (10) business days after being notified by the City.

- i) Should the recommended Bidder either; attempt to withdraw their Bid, or fail to or refuse to execute the Contract and/or provide the necessary documentation, within the time specified, the recommended Bidders' Bid Deposit (if applicable) shall be forfeited and applied for use by the City.
- ii) The following documents, as listed, shall be submitted prior to or at the time of signing an agreement or prior to the issuance of a PO:
 - a) Insurance Certificate;
 - b) Contract Security;
 - c) a current copy of the Workplace Safety and Insurance Clearance Certificate, and
 - d) Accessibility Standards for Customer Service Training Acknowledgement Form (see Section 6 – Appendices)
- iii) The Contract Security shall be kept in force throughout the duration of the Contract including the guarantee, warranty or maintenance period of the Contract and/or until the Contract is deemed complete by the City

26. BIDDERS INVOLVED IN LITIGATION WITH THE CITY OF CLARENCE-ROCKLAND

It is a matter of great importance to the City in the administration of this contract that the City's relationship with the successful bidder should be as productive, amicable and harmonious as is reasonably possible.

For the purposes of this section:

- (a) "Threatening Litigation" refers to the transmission of a written threat to commence a judicial proceeding; and;
- (b) "Pursuing Litigation" means actually commencing and / or continuing a judicial proceeding.

When:

- (i) A bid is received from a bidder who is threatening litigation or is pursuing litigation against the city in relation to previous contracts awarded to that bidder by the City; or,
- (ii) A bid is received from a bidder, against whom the City is pursuing litigation,

Active or pending litigation against the City by a vendor will prevent consideration of any bid submitted by that vendor. Each bidder expressly agrees in submitting a bid for this contract that, it shall have no claim for damages from the City in consequence of such rejection whether or not the litigation, or threatened litigation with the City which occasioned the rejection of the bid, has any merits, and whether or not it is successful or unsuccessful.

27. TRAINING REQUIRED ABOUT ACCESSIBILITY FOR ONTARIANS WITH DISABILITIES

Section 6 of Ontario Regulation 429/07 (Accessibility Standards for Customer Service), made under the Accessibility for Ontarians with Disabilities Act, 2005, requires that the contractor (successful bidder/proponent) shall ensure that its employees, agents, volunteers, or others for whom it is at law responsible, receive training about the provision of the goods and services to persons with disabilities.

The training must be provided in accordance with the Regulation and shall include, without limitation:

- a review of the purposes of the Act and the requirements of the Regulation
- instruction about all matters set out in Section 6 of the Regulation.

This training is available to you on-line at <http://www.mcass.gov.on.ca/mcass/serve-ability/splash.html> . The on-line training takes about twenty minutes.

The contractor (successful bidder/proponent) will be required to provide a signed acknowledgement form to City of Clarence-Rockland Procurement Services that confirms their compliance with Section 6 of the Regulation.

28. NEGOTIATION (PRE CONTRACT AWARD)

In the event that all bids submitted exceed the Owners budget for the project, the Owner may negotiate changes in the scope of work with the Bidder submitting the lowest acceptable bid. Where included in the bid, unit prices shall be used to achieve the reduction. If a unit price is not provided, said change will be negotiated between the successful contractor and the Supply Manager and will be based on similar prices contained in the bid, the nature and scope of work, material required and hourly rate.

29. CHARACTER OF WORKERS

The reference to "workers" refers to workers of the Contractor and includes Corporate Officers.

The Contractor agrees to employ only orderly, competent, and skilful workers. Whenever the Municipality informs the Contractor in writing that any worker is, in its opinion, incompetent, unfaithful or disorderly, the Contractor will ensure that the worker in question is removed from the work and shall not be further employed on the Contract without the Municipality's written consent.

30. CONTRACT CANCELLATION

The Municipality shall have the right, which may be exercised from time to time, to cancel any uncompleted or unperformed portion of the work or part thereof. In the event of such cancellation, the Municipality and the Company may negotiate a settlement. The Municipality shall not be liable to the Company for loss of anticipated profit on the cancelled portion or portions of the work.

31. PUBLIC RELATIONS

The Contractor, as a representative of the Municipality must treat the public with the utmost respect. The Contractor shall advise the Municipality of all complaints received. The Municipality will notify the Contractor of any complaints received regarding the unfavourable character or actions of workers in writing. The Municipality will assess the nature of the complaint and determine if corrective measures may be taken, or in the case of severe issues, whether the Contract should be terminated. The Municipality's discretion in this regard is final.

DEFINITIONS:

- 1) Award is when the contract has been signed by both the vendor and the City or a PO has been issued.
- 2) Bid is a Quote, Tender or Tender submitted to the City in response to a Bid Solicitation.
- 3) Bidder is a legal entity that submits a Bid.
- 4) Bid Irregularity is a defect contained within a response to a Bid Solicitation.
- 5) Bid Solicitation is an invitation for Bids from the City for the purpose of entering into a Contract.
- 6) Black Out Period is the period of time that starts when the Bid Solicitation is issued, and ends at the Award.
- 7) City is the Corporation of the City of Clarence-Rockland.
- 8) Compliant means the response to the Bid Solicitation conforms to the mandatory requirements contained in the Bid Solicitation.
- 9) Conflict of Interest
 - a) is defined as a situation or circumstances, real or perceived that could give a Bidder or potential Bidder an unfair advantage during a Competitive Procurement Process or compromise the ability of a Contractor to perform its obligations under their Contract.
 - b) is a situation when City employee or a member of their family has a direct financial interest in a Contract or proposed Contract with the City, and where the City employee could directly influence the decision made in the course of performing their job duties, and also where they could indirectly influence the decision through exerting personal influence over the decision-makers.
- 10) Contract is a binding agreement between two or more legal entities, awarded under this Procurement Bylaw.
- 11) Contractor is any legal entity to which a Contract is awarded.
- 12) Council is the City Council of the Corporation of the City of Clarence-Rockland.
- 13) Litigation (Pending) is whereby a potential claimant has demonstrated or manifested an intention to assert a possible claim.

- 14) Procurement Services means the section of the Finance that is responsible for the Procurement of Goods and/ or Services for the City.
- 15) Purchase Order means; a) a written confirmation of the Procurement of Goods and / or Services at a specific cost and required for any Procurement of Goods and / or Services greater than \$25,000;
b) may be used as the City's Contract with the Vendor to formalize all the terms and conditions of a proposed transaction, such as a description of the requested items, delivery schedule, terms of payment, and transportation.
- 16) Tender is a submission received in response to a Request for Tender.
- 17) Vendor is a supplier / seller of Goods and/or Services.

1. CITY NOT BOUND

The City reserves the right to accept or reject any or all Bids, in whole or in part, to accept a Bid other than the lowest and/or to NOT accept any Bid for any reason whatsoever, and to accept any Bid if, upon evaluation analysis, it is considered to be in the City of Clarence-Rockland's best interest. Award of the contract in its entirety or in part shall be in accordance with City of Clarence-Rockland requirements.

2. ERRORS AND OMISSIONS/ MATHEMATICAL ERRORS (Unit Prices Prevail)

Should there be any error in extensions, additions or computations, The City of Clarence-Rockland shall be entitled to correct such errors based upon the unit prices supplied, and the corrected total shall be considered as representing the intention of the bidder, and shall be used as the basis for comparison of bid submissions.

The City shall not be held liable for any errors or omissions in any part of this RFT. While the County has used considerable effort to ensure an accurate representation of information in this RFSO, the information contained in the RFT is supplied solely as a guideline for Proponents. The information is not guaranteed or warranted to be accurate by the City, nor is it necessarily comprehensive or exhaustive.

3. OWNERSHIP OF SUBMISSION MATERIAL

In consideration of the right to bid being offered, the bidder (by responding) releases all rights to the bid documents, which, on acceptance by Procurement Services, become the property of the City of Clarence-Rockland.

4. INCURRED COST

The City of Clarence-Rockland will not be liable, nor reimburse any bidders for costs incurred in the preparation of bids, or any other services that may be requested as part of the bidding process.

5. TAXES AND DUTY

- i) The City is subject to payment of Provincial and Federal (excise and H.S.T.) taxes imposed by the Provincial and Federal Governments. Should there be any approved variation in any tax or duty imposed by the Province of Ontario or the Government of Canada which becomes directly applicable to the goods/services or construction to be procured or provided during the term of this contract, the Bidder and the City mutually agree to allow the appropriate increase or decrease in the prices as of the date they become effective. The onus is on the Bidder to bring to the City's attention any such changes.
- ii) The Bidder shall allow in their prices for all Sales Taxes that may be required to pay on materials and equipment to be utilized or expended in construction and other works. Exception being; where the Bidder is in the position to claim for Sales Tax Rebates or input Tax Credits (ITCs) on the material used.
- iii) The Total Bid price shall be deemed to be inclusive of all Duties, Federal and Provincial taxes applicable to the vendor's charges to the City.

- iv) It is the Bidder's responsibility to investigate and otherwise familiarize themselves with all applicable Federal and Provincial tax laws as they relate to the specifications, and include related costs and the effect of available rebates / ITCs accordingly in the charges for all options.

6. NON-RESIDENTS

Canada Revenue Agency (CRA) Regulation 105, regarding Withholding Tax, is applicable to payments made to non-residents who provide their services in Canada. Further information on the income tax filing requirements for non-residents may be obtained on the CRA website www.cra.gc.ca and in the CRA guide T4058, Non-Residents and Income Tax:

Federal Withholding Tax regulations require that the City withhold 15% from amounts paid to non-resident contractors for services provided in Canada, unless a waiver has been provided. These amounts are remitted to the Canada Revenue Agency (CRA) and are considered a "payment on account" of the non-resident's Canadian tax liability. Non-residents may apply to CRA for a waiver or reduction of the Withholding Tax.

7. GOVERNING LAW

The obligations of the parties and resolutions of any disputes shall be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada, both as to interpretation and performance, and shall be treated, in all respects, as an Ontario contract. The parties shall attorn to the exclusive jurisdiction of the courts of the Province of Ontario.

8. COPYRIGHT

The copyright for respective procured concepts and/or materials will become the property of the City of Clarence-Rockland unless otherwise mutually agreed upon by the successful Bidder and the City.

9. ABILITY AND EXPERIENCE OF BIDDERS

The City reserves the right to reject any BID unless the bidder is known to be skilled and regularly engaged in work of a character similar to that covered by the specifications of the work. The City also reserves the right to reject a Bid submitted by a bidder who has defaulted on, or failed to satisfactorily complete, other similar work in the past.

In order to aid the City in evaluating submissions, it may be necessary for each bidder to supply the City with additional information as specified in any special conditions. These may include, but not be limited to, references for similar work, background, a list of equipment to be used, or evidence of appropriate licences, evidence of financial stability.

10. FREEDOM OF INFORMATION

All information supplied to the City in this document becomes the property of the City of Clarence-Rockland and is subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act.

The names and bid amount of all bidders will be disclosed in accordance to our Procurement By-law.

Bidders agree that all documentation and information contained in any Bid Submission become the property of the City of Clarence-Rockland and as such, may be subject to disclosure under the terms of the *Municipal Freedom of Information and Protection of Privacy Act*. Although the City of Clarence-Rockland can in no way be responsible for any interpretation of the provision of this Act, if any Bidder believes any part of its Bid Submission reveals any trade secret of the Bidder, any intellectual property right, scientific, technical, commercial, financial or labour relations information, or any other similar secret, right or information belonging to the Bidder and if the Bidder wishes the City of Clarence-Rockland to attempt to preserve confidentiality of same, the particular trade secret, property right or information should be clearly designated as confidential.

11. WORKPLACE SAFETY AND INSURANCE BOARD

The Contractor shall provide the municipality with a current “Clearance Certificate” from the Workplace Safety and Insurance Board and the municipality may, at any time during performance of the contract or upon its completion, require a further declaration that assessments or compensation required to be paid pursuant to the Workers’ Compensation Act have been paid.

Safety in the workplace is accomplished by:

- removal of, or safeguarding against, environmental health and physical hazards,
- establishment of safe working practices,
- provision of safety devices,
- provision, use and maintenance of personal protective devices,
- provision and participation in appropriate training
- Compliance with the Occupational Health and Safety Act and Regulations.

If the successful Proponent is a self – employed individual, partner or executive officer who does not pay WSIB premium and is recognized by WSIB as an ‘independent operator’ must provide a letter from WSIB acknowledging independent contractor status confirming that WSIB cover is not required prior to commencement of work.

12. INSURANCE/Indemnification

The Contractor shall indemnify and hold harmless the City, its officers, council members, partners, agents and employees from and against all actions, claims, demands, losses, costs, damages, suits or proceedings whatsoever which may be brought against or made upon the City and against all losses, liabilities, judgments, claims, suits, demands or expenses which the City may sustain, suffer or be put to resulting from or arising out of the Contractor’s omissions, or failure to exercise reasonable care, skill or diligence in the performance or rendering of any work or service required hereunder to be performed or rendered by the Contractor, its agents, officials and employees. This indemnification shall include any legal costs incurred by the City on a substantial indemnity basis, including those incurred to defend any criminal prosecutions against the City resulting from the actions of the Contractor.

The Contractor, during the term of the contract, at its expense, shall take out and keep in full force and affect the following insurance policies:

- a. **Commercial General Liability insurance** insuring all services, operations,

products, and work as described in the contract. The policy will be extended to include bodily injury, property damage, personal injury and advertising injury, contractual liability, products- completed operations, contingent employer's, and owners and contractors protective liability to a limit of not less than five million dollars (\$5,000,000) per occurrence.

The policy shall include a cross liability and severability of interest clause and be endorsed to name The Corporation of the City of Clarence-Rockland as an additional insured;

- b. **Non-owned automobile insurance** to a limit of not less than one million dollars (\$1,000,000) and;
- c. **If applicable, automobile insurance (OAP1) for both owned and leased vehicles** with inclusive limits of not less than one million dollars (\$2,000,000).
- d. **Environmental Impairment Liability**

The contractor shall effect and maintain Environmental Impairment Liability with a limit of not less than \$5,000,000. Per Incident /Annual Aggregate. Coverage shall cover on a Gradual and Sudden & Accidental basis and include Third Party Bodily Injury and Property Damage including on-site and off-site clean-up. If such insurance is written on a 'claims made' basis, such insurance shall contain a 24 month extended reporting period or shall be maintained for a period of two years subsequent to conclusion of services provided under this Agreement. Coverage shall extend to include non-owned disposal site.

The Policies shown above shall not be cancelled unless the Insurer notifies the Corporation of the City of Clarence Rockland in writing at least thirty (30) days prior to the effective date of Cancellation.

The insurance policy will be in a form and with a company licensed to conduct business in Ontario which is, in all respects, acceptable to the Corporation of the City of Clarence Rockland.

The contractor shall be solely responsible for all deductibles listed under the above noted policies and such deductibles shall not be the responsibility of the City. The contractor is permitted to self-insured physical damage to their own equipment / vehicles and the City will not bear any responsibility for damage to the equipment/vehicles.

- e. **Professional Liability Insurance (Errors and Omission)**

Professional Errors & Omissions Liability Insurance is required and will have an inclusive limit of not less that \$2,000,000 or, alternatively, the Consultant shall purchase and maintain in force for the duration of the project, single project Professional Errors & Omissions Liability Insurance with limits dedicated to the Project and having an inclusive limit of not less than \$2,000,000 per claim.

All policies of insurance shall:

- (i) be written with an insurer licensed to do business in the Province of Ontario;

(ii) contain an undertaking by the insurers to notify the City of Clarence-Rockland in writing not less than thirty (30) days prior to any termination or cancellation of coverage unless otherwise required by law;

(iii) be non-contributing with and will apply only as primary and not excess to any other insurance or self-insurance available to the City of Clarence-Rockland and

(iv) any deductible amounts will be borne by the Contractor.

Upon notification of intent to award the Contract and within ten (10) business days, the Contractor shall provide to the City of Clarence-Rockland proof of insurance on a form of a certificate of insurance which has been signed by an authorized representative of the insurer which references the appropriate bid number. The Contractor will make available complete certified copies of all applicable insurance policies for examination if required by the City.

Certificates of Insurance evidencing renewal or replacement of policies shall be delivered to the City within fifteen (15) business days prior to the expiration or replacement of the current policies, without demand by the City.

The City reserves the right to require the Contractor to purchase such additional insurance coverage as the City may reasonably require. The City reserves the right to request such higher limits of insurance or otherwise alter the types of insurance coverage requirements as the City may reasonably require from time to time.

It shall be the sole responsibility of the contractor to determine what additional insurance coverage and limits are necessary to fulfill its obligations in accordance to the contract.

13. INSURANCE CLAIMS

Claims or alleged claims received by the Contractor shall be dealt with immediately by the Contractor.

(a) The Contractor shall retain an independent adjuster who will determine the Contractor's liability for all third party claims, and advise the claimant in writing of the determination of liability within sixty (60) days of service of the claim on the Contractor. Copies of such determination of liability shall be forwarded to the City of Clarence-Rockland.

(b) If the Contractor or the Contractor's independent adjuster fails to respond within the time noted in (a) or responds in a manner inconsistent with the evidence at hand, the City of Clarence-Rockland reserves the right to have another independent adjuster review the claim and determine liability therefore. Any monies incurred by the City of Clarence-Rockland to investigate, defend and satisfy any third-party claim where it was determined that the Contractor was liable will be deducted from monies owing to the Contractor by the City of Clarence-Rockland.

(c) If a claim is settled to the satisfaction of the Claimant, the Contractor shall provide the City of Clarence-Rockland with a copy of the Claimant's Release. The Claimant's Release shall cover the interests of the Contractor and The Corporation of the City of Clarence-Rockland, its employees, agents and anyone for whom it is in law responsible.

14. DEFAULT

In the event that the successful bidder fails to properly, promptly, and fully carry out the work required by these documents, the City reserves the right to notify the successful bidder to discontinue all work under this contract, to advertise for new Bids or carry out the work in any way as the City may, at its sole discretion, deem best. The bidder further agrees to save and hold harmless the City of Clarence-Rockland and/or its officers, agents, or servants from all loss, damage, liability, cost, charge or expense whatsoever which it, they or any of them may suffer, incur or be put to by reason of such default or failure.

15. TERMINATION

In the event that the contractor fails to comply with any provision of this agreement or otherwise fails to perform its obligations hereunder in a competent manner satisfactory to the City, the City may give the contractor notice in writing of such failure. In the event that the contractor has not remedied its failure within ten (10) days of the said notice, the City shall be entitled to exercise any one or more of the following remedies:

- a) The City may terminate the contract without further notice, and exercise its rights to the performance security provided by the contractor;
- b) The City may withhold any payment due to the contractor hereunder until the contractor has remedied its failure;
- c) The City may engage the services of another contractor to remedy the contractor's failure, and obtain reimbursement therefore from the original contractor. The said reimbursement may be obtained either through deduction from any amounts owing to the contractor hereunder, or through any other legal means available to the City; or
- d) The City may assert any other remedy available to it in law or equity.

Unless the City expressly agrees to the contrary, any failure of the City to exercise any of the foregoing remedies, or the granting of any extension or indulgences, shall not be prejudicial to any right of the City to subsequently obtain such remedies.

16. SUSPENSION OF BIDDERS

At the discretion of Procurement Services, any Bidder may be suspended from consideration of their Bids for up to 3 years for default of delivery, unsatisfactory performance, safety concerns, lobbying and contravention of a Bid Solicitation document.

17. SKID AND DRUM DEPOSITS

If returnable skids, drums or reels are supplied, the Vendor must indicate if an extra charge applies and if this is fully refundable. The Corporation prefers that the Vendor pick up skids, drums or reels when empty with no deposit or demurrage charge.

18. INSPECTION

All shipments shall be subject to final inspection after receipt by the City at destination. Delivery to the City is not to be an acceptance unless inspected and approved by the City and subject to rejection based upon:

- a) defective products or workmanship discovered within one year of the date of receipt
- b) latent defects, frauds and mistakes

19. REJECTION

- 19.1 If any of the goods are found at any time to be defective in material, workmanship, quality, quantity or otherwise not in strict conformity with the specifications or requirements of the original Bid request and any subsequent order, the City in addition to any rights to which it may have under warranties or otherwise shall have the right to reject and return such goods for full credit. All freight charges are to be at the Vendor's expense.
- 19.2 Without limiting the foregoing right of rejection, the City shall have the right to require prompt replacement, repair or correction of defective work or goods at the risk and expense. If the Vendor is unable or unwilling to effect such replacement, repair or correction the Corporation may do so by using its own workers, goods or facilities or by outside contract and shall be entitled to charge the original Vendor for excess costs directly or indirectly occasioned thereby.

20. VENDOR RESPONSIBILITIES

- 20.1 It is mutually agreed and understood that the Vendor shall not assign, transfer, convey, sublet or otherwise dispose of the Tender, or Contract or the right, title or interest therein, or the powers to execute the same, without the previous written consent of the City.
- 20.2 Acceptance of a purchase order issued by the City for a bid or any part of a bid shall constitute a contract between the City and the Vendor which shall bind the Vendor on his part to furnish and deliver the goods or services at the prices given and in accordance with the conditions of the bid and these Standard Terms and Conditions.

21. SUPPLIER'S CONDUCT AND CONFLICTS OF INTEREST

The City expects its suppliers to act with integrity and conduct business in an ethical manner.

- 21.1 The City may refuse to do business with any supplier that:
 - a) has engaged in illegal or unethical bidding practices;
 - b) has an actual or potential conflict of interest;
 - c) has an unfair advantage in the procurement process; or
 - d) fails to adhere to ethical business practices.
- 21.2 All suppliers participating in a procurement process must declare any perceived, possible or actual conflicts of interest.
- 21.3 Where a supplier is retained to participate in the development of a solicitation document or the specifications for inclusion in a solicitation document, that supplier will not be allowed to respond, directly or indirectly, to that solicitation document.

- 21.4 Illegal or unethical bidding practices include:
- a) bid-rigging, price-fixing, bribery or collusion or other behaviours or practices prohibited by federal or provincial statutes;
 - b) attempting to gain favour or advantage by offering gifts or incentives to City officers and employees, members of Council or any other representative of the City;
 - c) lobbying members of Council or City officers and employees or engaging in any prohibited communications during a procurement process;
 - d) submitting inaccurate or misleading information in response to a procurement opportunity; and
 - e) engaging in any other activity that compromises the City's ability to run a fair procurement process.
- 21.5 The City will report any suspected cases of collusion or other bid-rigging offenses under the Competition Act to the Competition Bureau or to other relevant authorities.
- 21.6 In providing goods, services or construction to the City, suppliers are expected to adhere to ethical business practices, including:
- a) performing all City contracts in a professional and competent manner and in accordance with the terms and conditions of the contract;
 - b) complying with all applicable laws, including safety and labour codes (both domestic and international as may be applicable);
 - c) ensuring that fair wages are paid to suppliers' employees; and providing workplaces that are free from harassment or discrimination of any kind.

22. OCCUPATIONAL HEALTH AND SAFETY ACT (OHSA) REQUIREMENTS

The following requirements and conditions shall be included in all agreements with Contractors (and sub-Contractors) engaged by or on behalf of the City:

- Contractors with known poor safety records or with inadequate qualifications or equipment will not be considered for award;
- Contractors acknowledge that they regularly read and understand the Occupational Health and Safety Act R.S.O. 1990, C. 0.1 ("OHSA") and regulations, made under that statute;
- the Contractor shall comply with all health and safety requirements established by the Occupational Health and Safety Act and regulations. Any such requirements established by the City shall be included in the Bid Documents and the Contractor agrees to assume full responsibility for the enforcement of same;
- the Contractor shall participate in a pre-project meeting to verify its full understanding of the major contractual requirements and expectations in the area of health and safety before the start of any work;

- the Contractor shall allow access to the work site on demand to representatives of the City provided that they are in full compliance of the Occupational Health and Safety Act and Regulations;
- the City will take all action necessary to support the Contractor's health and safety efforts and to ensure that the City-owned and controlled environments in the vicinity of the project are free from hazards;
- the Contractor acknowledges and agrees that any serious breach or breaches of health and safety requirements, whether by the Contractor or any of its Subcontractors may permit the City to elect to cancel the Contract; and
- the Contractor acknowledges and agrees that any damages or fines that may be assessed against the City by reason of a breach or breaches of the OHSA by the Contractor or any of its Subcontractors will entitle the City to set-off the damages so assessed against any monies that the City may from time to time owe the Contractor under the Contract or any other contract whatsoever

The Contractor shall provide a list of all controlled hazardous materials or products containing hazardous materials, all physical agents or devices or equipment producing or emitting physical agent(s) and any substance, compound, product or physical agent that is deemed to be or contains a designated substance in accordance with the Workplace Hazardous Materials Information System (WHMIS) as defined under the OHSA and shall provide appropriate Material Health and Safety Data Sheets for these substances used for the performance of the required work, all prior to the performance of said work.

Where hazardous materials, physical agents and/or designated substances are used in the performance of the required work, the Contractor shall ensure that the requirements of the OHSA and associated regulations are complied with.

The Contractor shall follow Workplace Hazardous Materials Information Systems (WHMIS) requirements and ensure all employees are given required training and support.

The Contractor shall have a clearly defined safety plan/rescue plan for its workers involved in hazardous activities. This plan shall include, but not be limited to, The Contractor agrees at all times to comply with Occupational Health and Safety Standards in the workplace and further agrees to adhere to Health and Safety Standards set out in applicable statutes and regulations and to comply with written Health and Safety Policies of the City.

23. TOXIC AND HAZARDOUS SUBSTANCES

If the Successful Contractor encounters unidentified toxic or hazardous substances at the Place of the Work, or has reasonable grounds to believe that unidentified toxic or hazardous substances are present at the place of the Work, the Successful Contractor shall take all reasonable steps, including stopping the Work to ensure that no person suffers injury, sickness or death, and that no property is injured or destroyed as a result of exposure to the presence of the substances, and immediately report the circumstance to the City in writing.

24. LICENCES AND PERMITS

The successful bidder will be responsible for applications and fees associated with any and all **licences and permits** required by any and all governing bodies unless otherwise stipulated in the bid request document. A copy of all permits, and any other required documentation will be forwarded to the City's designate for City records.

25. EVIDENCE OF QUALITY

It is the bidder's responsibility to prove their product/service quality meets the City of Clarence-Rockland's requirements and bidders may be required to submit evidence in a form acceptable to the City. Substitution of materials equipment or methods different from that outlined in the specifications / terms of reference will not be accepted unless provided for within the bid request document or without the written approval of the City of Clarence-Rockland.

26. LABOUR DISPUTES

The obligations of the successful bidder hereunder shall continue unchanged throughout the occurrence of any labour disputes (including strike or lockout), whether the same occurs with respect to the employees of the City, the contractor, or otherwise.

27. GUARANTEED MAINTENANCE AND WARRANTY

- 27.1 Upon completion of the Work, the Contractor shall maintain the Work for a warranty period of *Twelve (12) Months* after the date of substantial completion to the satisfaction of the City/or Consultant, if any, both acting reasonably. The Contractor shall correct any imperfections due to material or workmanship. The decision of the City/or Consultant, if any, both acting reasonably, as to the nature and cause of any imperfections and the necessity for the type of repair shall be final. If the Contractor fails to comply with the direction from the City/or Consultant, if any, both acting reasonably, within fifteen (15) Calendar Days or immediately in the case of an emergency the City/or Consultant, if any, both acting reasonably, may proceed under the Performance Bond or if it is holding a Letter of Credit, or Certified Cheque, it may draw upon it and complete the required work at the Contractor's expense.
- 27.2 The warranty given pursuant to this section shall not limit extended or other warranties on any items of equipment or material called for elsewhere in the Contract.
- 27.3 The Contractor shall, before final payment is applied for, to the extent permitted by the manufacturer and supplier, assign to the City the benefit of any warranty by any manufacturers or suppliers in addition to the warranty as mentioned above.

28. EXISTING SERVICES

The position of utility pole lines, underground conduits and services, water mains, sewers and other underground and over ground utilities and structures are not necessarily known, and the accuracy of the position of such utilities and structures on any reference documents is not guaranteed. The City of Clarence-Rockland will not be responsible for damages or extra work caused or occasioned by the Contractor relying on this or any other information or records.

Before starting work, the Contractor shall familiarize himself of the exact location of all such utilities and structures and shall assume all liability for damage to them. Where extra measures are required to support utility poles during construction either by the utility involved or the contractor himself, the costs involved shall be borne by the Contractor. The contractor will be responsible for any fees that may be associated with these services.

29. INSPECTION AND CONTROL OF SITE

CITY'S INSPECTION AND SUPERVISION – A representative of the City (appointed by the City) reserves the right to enter the site at any time for the purpose of review & inspection. The presence of a said representative does not indicate satisfaction or compliance unless these comments are made by the representative and submitted to the contractor in written form.

30. PROVISIONS FOR TRAFFIC CONTROL (ONTARIO TRAFFIC MANUAL BOOK 7)

The Contractor shall be responsible for the preparation and implementation of a traffic management and control plan as specified in the Ontario Traffic Control Manual Book 7 for roadway work operations, as per the Ontario Ministry of Transportation.

The Contractor shall supply all labour, sign, delineators, etc., set and maintain required detours at work sites, conforming to the latest edition of the manual of Uniform Traffic Control Devices.

The Contractor shall provide vehicular access at all times to all properties with existing access. Where blocking of access is unavoidable, the Contractor shall notify the residents affected, give 24 hrs notice and shall work to keep the period of inconvenience to a minimum.

Survey units shall be equipped with sufficient safety lights (flashing or strobe, and/or arrow boards) barricades and signs which may be required for complete control of both pedestrian and vehicular traffic in accordance with the MTO Manual for highway operation, Ontario Manual of Uniform Traffic.

The Contractor shall provide for safe pedestrian movement from all houses and Businesses along the site. Walkways shall not be obstructed at any time.

No work shall be performed on major arterial roads during Rush Hour Traffic (7 – 9 a.m. and 3 – 6 p.m.) without the written consent from the City's Project Lead.

The Contractor's traffic control plans must meet all the requirements of the Ontario Ministry of Labour and the Occupational Health and Safety Act.

The Contractor must keep all completed traffic control plans on the truck and copies of the major traffic control plans must be submitted to the City with the biweekly deliverables.

The Project Lead, as an agent of the City of Clarence-Rockland, reserves the right to suspend any on-going works that do not meet the requirements outlined in the Contract.

31. EMERGENCY AND MAINTENANCE

The care of the works until completed, delivered to and accepted by the City rests solely with the Successful Contractor who shall assume all risk of damage to the work.

For the purpose of Emergency and Maintenance measures, the name, address, and telephone number of a responsible official of the contracting firm shall be given to the City's contact person in charge of the project. This official shall be available at all times and have the necessary authority to mobilize workers and machinery and to take any action as directed by the City in the event emergency or maintenance measures are required, regardless of the fact that the emergency or requirement of maintenance may have been caused by the Successful Contractor's negligence, Act of God, or any cause whatsoever.

Should the Successful Contractor be unable to carry out the required immediate remedial measures, the City may carry out the necessary repairs and the costs for this work shall be deducted from payments due to the Successful Contractor.

32. BRAND NAME OR EQUIVALENT

Bid submissions of a comparable product will be considered if it meets City of Clarence-Rockland requirements.

- Any reference to the brand name or a particular manufacturer shall be understood to have been made solely for the purpose of establishing and describing required performance and quality levels of the product to be supplied, unless specified otherwise.
- No reference to the brand name of a particular manufacturer shall be construed to restrict Bidders to that manufacturer, but Bids shall be deemed to be invited for equivalent and comparable equipment of any manufacturer.
- Despite subsection (2), if an item other than the one specified is bid, it is the Bidder's responsibility to demonstrate that the product bid meets the specifications, and the Bidder shall submit brochures or samples upon request and provide full specifications in detail on the item(s) bid. The City shall be the sole judge (in its absolute discretion) as to whether a product meets specifications.

Bidders wishing to bid on an alternate product would need to compare the City's specifications to their alternate product. It will not be the City's responsibility to perform this comparison.

If there are disparities between the two products, the Bidder can contact Procurement Services in writing prior to submitting a bid and identify all items of concern. If the City is willing to consider the product with its differences, it could then be communicated in the form of an addendum prior to the closing date.

The acceptability of any alternate products will remain at the sole discretion of the City of Clarence-Rockland. In the event a demonstration of the product is required to confirm equivalency, it will be conducted after the bid has closed

The cost of any testing requirements to establish acceptable equivalent or comparable products will be borne by the Bidder, unless otherwise stated by the City.

33. ENVIRONMENTAL SUSTAINABILITY

The City of Clarence-Rockland is committed to preserving the environment and reserves the right to encourage the procurement of supplies and services with due regard to the preservation of the natural environment and to integrate sustainability considerations into product selection so that negative impacts on society and the environment are minimized throughout the full life cycle of the products; suppliers may be selected to supply goods made by methods resulting in the least damage to the environment, and/or to supply goods incorporating recycled materials where practical. Bidders are encouraged to include certified green product alternatives wherever possible with proof of third party certification (i.e. EcoLogo, Green Seal, Energy Star) for each product proposed. It is to be understood that total lifecycle cost analysis may be required to ensure that these supplies and services are financially viable and available at competitive prices.

34. SPECIALIZED EQUIPMENT

The Contractor shall utilize appropriate types and sizes of equipment so as to not increase the risk of damage to existing sewers, water mains, utilities, trees or any other existing feature not mentioned that will be encountered over the course of the project.

35. TREPASS

The Contractor shall be responsible for protecting excavations, trenches, stockpiles and abutting lands from trespass by his forces during all stages of the work, and shall erect snow fencing, without charge, where and when required by the City representative to ensure same. The Contractor shall not dispute or contest direction from the City representative, if in the opinion of the aforementioned protection and fencing is required to mitigate safety risks. All private property restorations not specifically called for in an item in the Schedule of Unit Prices shall be rectified to existing or better condition at the Contractor's expense.

36. REPLACEMENT OF PRIVATE DRIVEWAY BY RESIDENT

Replacement of any private driveway at the request of the property owner / homeowner that was not damaged due to works of this Contractor is not part of this Contract and is not to be undertaken by the Contractor during project normal working hours. Payment for these works shall be the sole responsibility of the property owner / homeowner except that the City will pay for that portion of the driveway that was removed for the road/sewer reconstruction as noted on the contract drawings. The City will not accept any claims as a result of extra work undertaken by the Contractor on behalf of the property owner / homeowner.

37. COORPORATION WITH OTHER ULTITIES

During the course of this project, it may be necessary for other utilities including Hydro, Bell, Gas, Cable TV or other third-party service provider to carry out rectifications of their underground / overhead plant. The Contractor shall be required to facilitate the utility servicing and / or builder installations and to cooperate with their scheduling to the greatest extent possible.

If damage to any structure, utility or service occurs by reason of the Contractor's operation, even though precautions have been employed, the Contractor shall be entirely responsible for such damage whether such operations and the work resulting there from have received the proper approval of the City representative or not, and all such damage shall be satisfactorily rectified at the Contractor's expense.

Utilities undermined by the installation of pipes shall be adequately supported using appropriate measures acceptable to the utility owner and satisfactory to the OHSA and Regulations. The cost of all utility support and protection shall be included in the Contractor's bid.

The approximate locations of existing services have been shown on the drawings to assist the Contractor. However, the information provided may not be fully accurate or complete. The Contractor shall satisfy himself as to the existence and location of all utilities prior to submitting a bid on this project.

Before commencing excavation in any area, the Contractor shall have the location of all utility lines, conduits, pipes, etc., located by a representative of the appropriate utility company or municipality, and shall not proceed with the excavation until the exact location is known, and then only after adequate precautions have been taken to protect such plan. It shall be the responsibility of the Contractor to request all utility locates and then ensure all utilities are accurately staked out in the field.

The Contractor shall assume full responsibility for the location and protection of all underground and above ground utilities such as water, sewer and gas mains and house connections, telecommunications, hydro, street light. and telephone poles, wires and conduits, valves, switches, etc.

38. OPERATION OF WATER VALVES

The Contractor is advised that the operation of any water valves in the City of Clarence-Rockland is restricted to City of Clarence-Rockland personnel only. At no time during the duration of this project shall the Contractor or any of their employees operate a water valve. If it is necessary to operate a water valve, the Contractor is advised to arrange for City personnel to operate the valve for them. The City will consider no claims by the Contractor for compensation for any losses resulting from a delay in construction.

39. MAINTENCE OF STROM DRAINS

During the whole of the Contract performance period, the Contractor shall be responsible for the protection and maintenance of adequate drainage in and through the site, providing adequate drainage facilities and/or flow controls so that flows from existing watercourses, storm sewers, natural drainage channels or other facilities shall not be impeded.

The Contractor shall be responsible for all temporary ditching, culverts, siltation structures, etc., and other work thereby required through the whole of the working area whether ordered or approved by the City representative. The Contractor shall further be responsible for the maintenance of all such temporary ditching, culverts and other works, and for rectification or restitution required as the result of erosion or other flood or water damage.

The Contractor must backfill all exposed trenches at the end of each and every workday. No claims by the Contractor for compensation to backfill trenches, expose work the following day or any resulting delay in construction will be considered by the City.

40. MAINTENCE OF FLOW

Sewage flow shall be maintained at all times by the Contractor and pumped between maintenance holes while working on that section.

41. PROTECTION OF DOWN STREAM SEWERS

Until completion and acceptance of the Contract work, or unless otherwise directed by the City representative, the Contractor shall supply all materials and construct temporary concrete weir structures inside maintenance holes and maintain at all times as required to control silty material from entering sanitary and storm sewers as a result of construction activity upstream. The Contractor shall be responsible for cleaning silt and debris deposits from the structure as required, at no cost to the City. All costs for this work are to be included in the appropriate unit prices.

42. MAINTENCE OF EXISTING ROADS

The Contractor shall be responsible for keeping roadways adjacent to the site free and clean from mud, dirt and other debris originating from the work site. All dirt and debris deposited by construction traffic on existing City streets shall be cleaned up by the Contractor at his own expense on a daily basis, or as directed by the City representative.

43. VEHICLE AND EQUIPMENT ACCESS

The rehabilitation street may be closed to through traffic when the Contractor is working on the street, however, whenever possible, the Contractor shall reinstate local residential vehicular access, particularly during off hours. The Contractor will be responsible for all signing, barricading, etc., in accordance with the MTO's Manual of Uniform Traffic Control Devices adjacent to the actual work area; however, the City will establish alternative parking, subject to the Contractor's written notice to commence construction. All signing beyond the immediate project limits will be installed and maintained by the City of Clarence-Rockland.

44. PEDISTRIAN ACCESS

The Contractor shall, at all times, ensure that reasonable pedestrian access is maintained throughout the work site for the duration of the project. All existing sidewalk is to remain in place except where it conflicts with service installation, until such a time that the construction schedule necessitates sidewalk replacement. The City will make provisions for local residents to park vehicles on adjacent streets for the duration of the Contract.

45. PRIVATE DRIVEWAY ACCESS

The Contractor shall provide full access to private driveways at all times except as follows:

- a) for the 72 hours immediately following the installation of concrete curb and gutters
- b) for the 72 hours immediately following the installation of concrete sidewalks
- c) for the 72 hours immediately following the installation of concrete driveway aprons

46. GARBAGE ACCESS

The Contractor is advised that the work of this contract may impede normal garbage collection and recycling operations within the neighbourhoods where work is being conducted. Cityal Waste Management staff will not drive a vehicle on a gravel roadway, nor will they back up a vehicle. As a result, the Contractor may have to, at times during construction, deliver all garbage and recyclables, at his own expense, to the closest intersection, by 7:00 a.m. on the morning and after pickup, return the emptied containers to their respective owners on garbage day. The owners will be asked to put their addresses on their containers.

This work is incidental to the contract and there will be no specific payment for this item, the cost of same is deemed to be included in the contract unit prices.

47. SCALE TICKETS

Contractor must supply all scale tickets for imported granulars, asphalt etc. to the Contract Administrator for verifications of quantities notwithstanding the method of payment for the work. If scale tickets are not supplied within an acceptable period, the City representative, at his sole discretion, may require that the material thickness be confirmed by core or test dig. The Contractor will be responsible for the cost of these investigations as well as the resulting restoration

48. FRESH CONCRETE

The Contractor is responsible for protecting all freshly poured concrete from inclement weather and vandals. All markings or imprints must be removed at the Contractor" expense and to the satisfaction of the City representative.

All concrete used for the construction of curb and gutter, sidewalks, and aprons shall have a minimum compressive strength of 32 MPa @ 28 days.

49. DUST CONTROL

Section GC7 of OPSS General Conditions of Contract is hereby modified to include the following:

The Contractor shall take such steps as may be required to prevent dust nuisance resulting from his operations either within the right-of-way or elsewhere or by public traffic where it is the Contractor's responsibility to maintain a roadway through the work.

The cost of all preventive measures shall be borne by the Contractor including where water or calcium chloride is used to reduce the dust caused by traffic on a roadway which is the Contractor's responsibility to maintain for public traffic seven days a week. There will be no additional claim for payment for dust control as required.

50. COMPLETION DATE – Liquidated Damages

The Contractor shall complete this Contract in its entirety by 15-Dec-2018

If this limit above specified is not sufficient to permit completion of the work by the Contractor working a normal number of hours each day or week on a single day-light shift basis, it is expected that additional and/or augmented day-light shifts will be required throughout the life of the Contract to the extent deemed necessary by the Contractor to ensure that the work will be completed within the time limit specified. Any additional costs occasioned by compliance with these provisions will be considered to be included in the prices bid for the various items of work and no additional compensation will be allowed therefore.

If the Contractor is delayed in the completion of the work,

- by reason of changes or alterations made under Section 6 Specifications;
- by reason of any breach of contract or prevention by the City, or other Contractor of the City or any employee of any one of them;
- by reason of delay by the City in issuing instructions or information or in delivering materials;
- by any other act or neglect of the City or any other Contractor of the City or any employee of any one of them;
- for any cause beyond reasonable control of the Contractor; OR,
- by Acts of God, or of the Public Enemy including Terrorist Acts, Acts of the Province or any Foreign State, Fire, Floods, Epidemics, Quarantine Restrictions, Embargoes or delays of Sub-Contractors due to such causes;

The time of completion shall be extended in writing at any time on such terms or for such period as shall be determined by the City representative, and notwithstanding such extensions, time shall continue to be deemed of the essence of this Contract.

An application by the Contractor for an extension of time as herein provided shall be made to the City in writing on the form prescribed at least 15 days prior to the date of completion fixed by the Contract. All bonds or other surety furnished to the City by the Contractor shall be amended where necessary at the expense of the Contractor to provide coverage beyond the date of any extension of time granted, and the Contractor shall furnish the City with evidence of such amendment of the bonds or other surety.

Any extension of time that may be granted to the Contractor shall be so granted and accepted without prejudice to any rights of the City whatsoever under this Contract, and all of such rights shall continue in full force and effect after the time limited in this Contract for the completion of the work.

It is agreed by the parties to the Contract that in case all the work called for under the Contract is not finished or completed within the date of completion specified previously, damage will be sustained by the City, and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the City will sustain in the event of and by reason of such delay and the parties hereto agree that the Contractor will pay to the City the sum of ONE THOUSAND (\$1,000.00) DOLLARS per day for liquidated damages for each and every calendar day's delay in finishing the work beyond the date of completion prescribed and it is agreed that this amount is an estimate of actual damage to the City which will accrue during the period in excess of the prescribed date of completion.

The City may deduct any amount under this paragraph from any monies that may be due or payable to the Contractor on any account whatsoever. The Liquidated Damages payable under this paragraph are in addition to and without prejudice to any other remedy, action or other alternative that may be available to the City.

51. EXTENSION AND ESCALATION

The Contractor agrees that the contract unit prices shall remain firm till project completion. The unit prices for work required to be done thereafter shall be adjusted by mutual agreement between the City and Contractor, in accordance with the procedures of GC 3.10.01 of the OPSS General Conditions of Contract.

52. CONSTRUCTION SCHEDULE

The Contractor shall submit a detailed construction schedule, for approval by the City representative, seven (7) days in advance of commencement of construction, showing the timing of the Contract.

A preconstruction meeting will be held as soon as practical after Council approval of the award of tender with representatives from the City, the General Contractor and the City representative (if applicable) to discuss the following:

- Review the contractor's schedule with respect to construction methodology and estimated completion dates for the various portions of the work.
- Review safety procedures and operational constraints to establish strict guidelines for work areas, delineation of haul routes, etc., to ensure safe and practical grading and servicing operations.
- Review coordination procedures regarding traffic control, protection of the environment and the public.

The City and the Contractor agree that for this Contract, in the event the work is ordered to commence earlier or later than the commencement date, the completion date will be adjusted by the same number of Working Days.

The City representative reserves the right to request of the Contractor to work on Saturdays, and/or later hours in order to complete the work within the scheduled time periods. There will be no additional compensation for overtime hours worked.

Should the Contractor, through his own fault (or neglect of this Contract and Specifications) fail to meet the schedules or working day periods allowed, the Liquidated Damages may be assessed after careful consideration of the facts by the City representative. The amount assessed as 'Liquidated Damages' on this Contract is defined further in Item 47 above.

53. TREES AND SHRUBS

Trees and shrubs, if destroyed during construction, will be replaced using first quality nursery stock (deciduous trees shall be replaced with the same or similar species specimens 2.5 m to 3.0 m in height, coniferous trees are replaced with the same or similar species specimens 1.2 m to 1.5 m in height).

54. VENDOR PERFORMANCE MANAGEMENT - CONTRACTOR EVALUATION

Following substantial Performance, the Project Leader will prepare a report on the performance of the Contractor. The report will rate performance in various categories including: project management, site supervision, quality of work, health and safety, communications, public relations, cost control, schedule management, and site management. The report will be discussed with the contractor and a copy of the completed report will be provided.

Performance ratings will be used by the City in analysing future bids by the Contractor. Copies of the report may be provided to other municipalities or their agents.

A Contractor who scores a failing grade (<29) on their Performance Review will not be eligible to have any City of Clarence-Rockland project awarded to them as either a General Contractor or a Sub Contractor. This suspension period may last for a period up to 3 years from the date of the completion of the Failed Project. Any bid submission made during the suspension period will be returned, unopened to the Contractor.

- a) At the outset of a project, the City shall institute a Vendor Performance Management evaluation process.
- b) The performance evaluation shall rate the performance of the Contractor on standard criteria as listed in Appendix "C". The Contractor shall be responsible for the performance of his Sub Contractors and will be evaluated as such. A copy of the Performance Evaluations and introductory letter shall be provided to the Contractor at the outset of the project, and shall remain constant for the duration of the contract. Performance issues shall be noted in writing with a copy to the Contractor and a copy to the departmental project file. Performance issues shall also be noted in any site meeting or project meeting minutes. For projects that last more than four (4) months, an interim evaluation may be carried at the midpoint of the project. For projects that last less than four (4) months, only the final evaluation will be carried immediately after completion of the project.
- c) The performance evaluation shall determine whether a Contractor will:
 - i) be allowed to bid for future contracts with the City of Clarence-Rockland;
 - ii) be suspended from bidding on any contracts with the City of Clarence-Rockland
- d) No bid will be accepted from any contractor during the term of the suspension. Any bid submitted by the Contractor will be returned, unopened to the address on the bid envelope. If the Contractor is listed as a Sub Contractor on another bid,

the City will notify the General Contractor that they will be unable to accept the submitted bid unless another Sub Contractor is identified. It is the suspended Contractor's responsibility to notify any General Contractors of their suspension with the City of Clarence-Rockland.

- e) The Contractor may request a debriefing meeting to discuss the evaluation within thirty (30) calendar days following delivery of the evaluation. The request outlining any comments or concerns with the Performance Review rankings should be sent in writing to the Manager of the Project/Client Department for review. Only the comments and rankings of the Vendor Performance Management contractor evaluation will be open for discussion. Any changes to the evaluation form and weighing criteria will not be entertained. If the Contractor remains unsatisfied with the outcome of the debriefing meeting, they can request in writing to the Manager of Procurement Supply, a further review by the City of Clarence-Rockland Review Committee.
- f) The Review Committee will hear from both City staff and the Contractor at a time and place appointed in writing by the Committee. The Committee shall be comprised of the original City team members that participated in the procurement process, Director of Finance and the Manager of Supply, or their designate. The decision of the Review Committee shall be in writing and final and be provided to City Staff and the Contractor.
- g) Bids will not be accepted by the Contractor for work in the City of Clarence-Rockland as a General or Sub Contractor during the review process.
- h) In reaching a decision, Staff shall be entitled to rely upon the evaluation criteria determined in advance of the project and the results of prior performance evaluations relating to other contracts performed by the same contractor or consultant.
- i) The results of any Vendor Performance Management contractor evaluation may be disclosed to other Municipalities or government bodies upon request.

55. CONTRACT AND VENDOR REQUIREMENTS

The vendor hereby covenants and agrees that if their Tender or any part thereof is accepted by the Corporation, they:

- a) Shall **perform** the contract in accordance with the specifications, terms and conditions under which it is awarded.
- b) Shall use due care that no person is injured and that no property is damaged in the performance of the work.
- c) Shall not, except with the consent of the City in writing, release information relating to any subsequent order for **advertising**, promotional or technical purposes or otherwise give it publicity in any fashion, nor shall the name of the City be used for, or in connection with, any advertising or promotional purpose of the Vendor.
- d) Vendors are to treat information gained while working with the City confidentially and not use it for any other project and return it to the City if requested with no copies to be retained.

- e) Shall provide a complete list of all controlled products, hazardous materials, products containing hazardous materials, and all biological or chemical agents or devices or equipment producing or emitting a physical agent and any substance, compound, product or physical agent that is deemed to be, or contains, a designated substance as defined under the Act and the Regulations, which will be supplied or used in the work, before commencing. The Vendor/contractor shall provide appropriate information and Material Safety Data Sheets, where required, with the shipment
- f) Shall ensure that contractors, sub-contractors and all of their employees are trained in W.H.M.I.S.

56. INVOICE REQUIREMENTS

The Contractor will submit to the City of Clarence-Rockland, Finance – Accounts Payable, an invoice for payment at the completion of work.

All applicable taxes are to be itemized separately on invoices, i.e. H.S.T.

Please send Invoices to AP@Clarence-Rockland.com

57. PAYMENT TERMS

The City will make payments in accordance with the terms and conditions of the Agreement. After the Agreement is executed with the Company, the City will appoint an individual to administer the Work (hereafter referred to as the City's Program Manager). Each monthly billing from the Company must consist of an invoice, updated schedule and progress report in a form satisfactory to the City's Program Manager. No payment will be made until the City's Program Manager authorizes the invoice and progress report. The City reserves the right to withhold payment if, in the opinion of the City's Program Manager, the work progress claimed to date does not reflect the actual work completed. Under no conditions will the City be liable for the payment of any interest charges, including those associated with delay in payment in instances where there is a dispute over the work completed or incomplete documentation is submitted.

OPSS MUNI 100 GENERAL CONDITIONS and OPSS MUNI 180 GENERAL CONDITIONS

Refer to OPSS.MUNI 100 dated November 2006 (not attached)
Refer to OPSS. MUNI 180 dated November 2011 (not attached)

A copy of the General Conditions can be found at:
www.raqsb.mto.gov.on.ca/techpubs/ops.nsf

SUPPLEMENTARY CONDITIONS TO OPSS MUNI 100

1.0 GENERAL CONDITIONS

Where a General Condition or paragraph of the General Conditions are deleted by these Supplementary Conditions, the numbering of the remaining General Conditions or paragraphs shall remain unchanged, and the number of the deleted items will be retained, unused.

GC 3.05 LAYOUT

Delete GC 3.05 in its entirety and replace it with the following:

It shall be the responsibility of the Contractor to provide his own layout for the work covered in all contracts. The costs of such layout work shall be included in the unit or lump sum prices in the tender.

The City shall provide geodetic benchmarks at key points for use by the Contractor. Once such benchmarks have been provided, it shall be the Contractor's responsibility to maintain and otherwise protect benchmark locations. All costs expended by the City to replace and/or relocate benchmark locations at the Contractor's request, shall be at the Contractor's expense.

It shall be the Contractor's responsibility to protect survey stakes, monuments, and iron bars from any damage due to his operation. Markers or poles 1.2 to 1.5 m in height painted red on top shall be placed next to each iron bar or monument by the Contractor. Any iron bars or monuments damaged by the Contractor due to his operations shall be replaced at the Contractor's cost and the City may withhold monies from the final payment due the Contractor until the iron bars or monuments are replaced.

If any survey marker established by an Ontario Land Surveyor is disturbed as a result of the Contractor's negligence, it shall be reset by an Ontario Land Surveyor and the entire cost shall be borne by the Contractor."

GC 3.07 DELAYS

Add the following paragraph:

Without limiting the requirements of GC 3.07.02 of the General Conditions of Contract, it is hereby expressly agreed that, should the Contractor be prevented from carrying out the work according to the agreed upon program through labour disputes directly affecting the Contractor's own labour, the Contract may be terminated by the City. Upon termination of the Contract under these circumstances, the Contractor will be paid for all work carried out prior to termination and would have no further liability for the costs of completion of the work.

GC 4.10 TERMINATION OF CONTRACT

Amend paragraph 0.1 by adding the following to the end of the paragraph:

"The City shall have the right to delete any part of the work from the Contract, or to terminate all or part of the Contract, upon five days written notice, without claim for compensation from the Contractor, except that the Contractor shall receive payment for all work completed to date of receipt of the notice at the rates or unit prices in the Schedule of Unit Prices."

GC 6.02 INDEMNIFICATION

Delete GC 6.02 in its entirety and replace it with the following:

The Contractor, both during and after the term of this Agreement, shall at all times, and at its own cost, expense and risk, defend, indemnify and hold harmless the City, its elected officials, officers, employees, volunteers, agents, contractors, and all respective heirs, administrators, executors, successors and assigns from any and all losses, damages (including, but not limited to, incidental, indirect, special and consequential damages, or any loss of use, revenue or profit by any person, organization or entity), fines, penalties and surcharges, liabilities (including, but not limited to, any and all liability for damage to property and injury to persons, including death), judgments, claims, demands, causes of action, contracts, suits, actions or other proceedings of any kind (including, but not limited to proceedings of a criminal, administrative or quasi criminal nature) and expenses (including, but not limited to, legal fees on a substantial indemnity basis), which the indemnified person or persons may suffer or incur, howsoever caused, arising out of or in consequence of or directly or indirectly attributable to the Services required to be performed by the Contractor, its agents, employees and sub-contractors on behalf of the City, provided such losses, damages, fines, penalties and surcharges, liabilities, judgments, claims, demands, causes of action, contracts, suits, actions or other proceedings of any kind and expenses as defined above are due or claimed to be due to the negligence, breach of contract, and/or breach of law of the Contractor, its agents, employees or sub-contractors."

GC 7.16 Warranty

Add a new number.04

This guarantee shall also include the lawn and boulevard areas sodded under this contract. At the end of the 12 month maintenance period the grass shall be healthy and alive.

GC 8.01.02 Variation in Tender Quantities

Delete clause GC 8.01.02 of the General Conditions of Contract in its entirety and replace it with the following:

“The City does not guarantee quantities as set forth in the Unit Price Worksheet. These quantities are approximate only, and the basis of payment under this Contract will be actual amount of work done and material furnished regardless of the actual amount of variation from the tender quantities.”

GC 9.0 OTHER PROVISIONS

Add new SECTION 9.0 as follows:

“SECTION 9.1 EARTH EXCAVATING AND GRADING

- 9.1 Excess materials, which include but are not limited to bituminous pavement, concrete, fabricated metal and plastic products, wood, masonry, pipes, surplus or unsuitable excavated earth and rock and other wastes that are not otherwise designated for salvage or reuse by the Owner, shall be managed in accordance with OPSS 180, and the City’s Supplementary Conditions to OPSS 180.

These excess materials shall be removed from the working area and properly transported and re-used or disposed off-site in accordance with all applicable legislation at the Contractor’s sole expense. More specifically, the Contractor shall comply with the *Environmental Protection Act*, including Ontario Regulation 347/90 (as amended), and shall use appropriately licensed haulers and receivers for all waste transportation and disposal, as required.

This work shall include all labour, equipment and materials to carry out all earth excavation and grading to pre-grade elevations (i.e. bottom side of topsoil, granular, etc.) to the satisfaction of the City representative. This item includes roadway, driveway, and boulevard excavations, and grading and preparation for placement of the specified granular, asphalt, concrete or imported topsoil.

9.2 CONTAMINATED SOILS

a. General

The Contractor, at its own cost, shall undertake any sampling, testing, and analyses required for the proper management (including transportation and disposal) of excess materials generated by the Contract work.

The Contractor shall account for any high SAR of the soils and price the handling, removal and/or disposal of fill accordingly.

The Contractor shall follow OPSS 180. Further, the Contractor in the sign off to the City representative must indicate that the disposal Site Owner accepts the fill as contaminated fill.

Note that there are innovative methods to cost effectively dispose of SAR fill. While two such methods are outlined below, it remains the Contractor's sole responsibility to determine the appropriate and legal method that they will employ, and coordinate and arrange for this disposal accordingly:

1. The Contractor can over-excavate and dispose of "clean" fill off site and backfill this excavation with the SAR material provided the SAR material is appropriate fill for the location (i.e., if under road, fill must be inorganic) and that it is compacted appropriately for the use as determined by the City representative.
2. It is believed the MOE permits the disposal of SAR material in a location that is of similar use (the Contractor is responsible to confirm this). For example, the SAR fill could be disposed of in a proposed parking lot or in a proposed roadway needing fill as these areas would be expected to receive salt in winter.

b. Contractor's Sole Responsibility

The Contractor is solely responsible for the characterization of quality, designation of waste types, delineation of quality and extent of excess material, estimation of quantity, and costs associated with excavation, removal, segregation, temporary stockpiling, loading, transportation and re-use or disposal of excess materials, including excess earth and rock generated by the Contract work.

Under no circumstances shall the Contractor claim additional payment from the Owner related to the characterization of quality, designation of waste types, delineation of quality and extent of excess material, estimation of quantity, and costs (whether accurate and correct or not) associated with excavation, removal, segregation, temporary stockpiling, loading, transportation and re-use or disposal of excess materials, including excess earth and rock generated by the Contract work.

c. Disposal Sites

For greater certainty, the Owner has not designated or identified specific haulers, receivers, and/or disposal sites for excess materials generated under this Contract. The Contractor is solely responsible for identifying and selecting appropriate haulers, receivers, and/or disposal sites required to complete the work of this Contract. .

End of Supplementary Conditions OPSS MUNI 100

SUPPLEMENTARY CONDITIONS TO OPSS MUNI 180

GC 180.07.01 Conditions on Management of Excess Material - General

1.1. Delete the third sentence of 180.07.01 and replace it with the following:

“Where excess material includes asbestos waste, the asbestos waste shall be managed in accordance with all applicable legislation, including but not limited to Ontario Regulation 347/90, as amended.”

1.2. Delete paragraph 180.07.05 b) in its entirety.

1.3. Delete OPSS 180.10 in its entirety and replace it with the following:

“180.10

Payment for the management of excess material shall be included in the tender items requiring such management and shall include all costs associated with sampling, testing, analyses, characterization of quality, designation of waste types, delineation of quality and extent of excess material, identifying and selecting appropriate haulers, receiver and/or disposal sites for excess material, acquiring approvals, releases and agreements, and all other costs associated with the work pursuant to this special provision and OPSS 180.

End of Supplementary Conditions OPSS MUNI 180

NOTES TO “SPECIAL PROVISIONS – ITEMS”

OPSS - Ontario Provincial Standard Specifications (latest edition)

OPSD - Ontario Provincial Standard Drawings (latest edition)

- (a) All Granular 'A' material shall be as per OPSS 1010.
- (b) All Granular 'B' material shall be as per OPSS 1010, Type II, quarry source.
- (c) All asphalt shall be as per OPSS 310, 1150. Performance Graded Asphalt Cement (PGAC) shall be 58-34 as per OPSS 1101 unless otherwise stated.
- (d) All select subgrade material shall be as per OPSS 1010. The contractor shall arrange their fill material within the site to ensure an adequate supply of fill to properly backfill trenches and roadways as per specifications. Fill material above optimum moisture will not be allowed to be used in backfill. The contractor shall temporarily rework fill to allow the moisture content to be reduced to the optimum moisture content or below prior to using as select subgrade material.
- (e) Surplus Material: All asphalt, concrete, headwalls, culverts, pipe, stumps, etc. shall be disposed of offsite. All surplus excavated material that is not utilized for the project works shall be disposed of off-site.
- (f) All topsoil shall be as per OPSS 570.
- (g) All sod shall be as per OPSS 571.
- (h) Standard Proctor Density - SPD.
- (i) Contractor shall be responsible to make arrangements with the respective utility companies with regards to working adjacent to utility poles or underground service. Bracing the utility poles or underground services if deemed necessary by the respective utility companies shall be the responsibility of the contractor. Such cost shall be included in the Lump Sum for Other Requirements.
- (j) As-builts – The Contractor is responsible to provide redline as-built drawings.
- (k) Shop drawings and manufacturers specifications shall be submitted to the Contract Administrator prior to installation. The Contractor shall allow 10 working days for the Contract Administrator to review shop drawings. Shop drawings are also required for installation methodology of pipe, all design mixes (asphalt, concrete, etc.) and granular material gradation.
- (l) Submissions shall include:
 - i. Product name and Contractors reference number;

- ii. Manufacturer and/or supplier brochure and manual.
- iii. All relevant drawings and written documentation describing product installation procedures.
- iv. All certifications required as part of the specification shall be submitted prior to installation of materials.

(m) Schedule: The contractor shall present to the Contract Administrator a detailed schedule prior to the commencement of the works. The schedule shall delineate the various different tasks to be undertaken and will indicate the total number of crews and the production of each of the crews. The schedule must indicate each critical date and how the target dates shall be achieved. Allowances for weather conditions, delivery, etc. must also be indicated on the schedules. The schedule shall be updated for each construction meeting adjusting for any loss in the original schedule.

Target Dates: As stipulated in the Form of Tender

(n) Layout: The Contractor shall be given central coordinates and shall be responsible to lay out the project based on the central coordinates. A series of "hubs" shall be placed at stations located at 25 meter intervals and off set to property line. The Contractor is responsible for all layout.

(o) The Contractor must maintain access for Emergency vehicles to each property at all times. Temporary road closures must be approved by the Contract Administrator. The Contractor shall be responsible that residents have access to their property at all times. The Contractor shall pick up garbage and dispose of in a waste container.

ITEM NO. 1 – REMOVAL OF EXISTING ASPHALT PAVEMENT

Spec O.P.S.S. Form 180, 510;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

(a) Remove and dispose of all asphalt as indicated on the Contract Drawings.

Products

N/A

Execution

(b) Remove asphalt roadway and asphalt driveways as per the Contract Drawings and dispose of offsite.

(c) Saw-cut dovetail joints at the extents of all asphalt edges adjacent to existing asphalt that remains as per the Contract Drawings.

(d) A saw-cut butt connection is to be made on each asphalt driveway and side street tie-in at the location shown on the Contract Drawings or at the Contract Administrator's discretion.

Measurement for Payment

Measurement is by the plan quantity and may be revised by adjusted plan quantity. Measurement shall be based on square meter of asphalt removed.

Basis for Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to do the work.

ITEM NO. 2 & 3 – COMMON EXCAVATION, GRADING, COMPACTION AND PLACEMENT OF FILL MATERIAL

Spec. O.P.S.S. Form 180, 206, 501, 510 and 570;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

(a) Excavate and dispose of earth, rock shatter, granular materials, boulders of all sizes, concrete, reinforced concrete, small trees 150 mm calliper or smaller, stumps, brush, shrubs, retaining walls and other materials or objects encountered.

(b) There shall be no compensation for boulder removal.

Products



N/A

Execution

- (a) Prepare the sub grade for areas of full road reconstruction and shoulder construction to a 3% cross fall and compact to 95% SPD.
- (b) The Contractor will not be paid for over-excavation. If over-excavation occurs, as determined by the Engineer the respective Granular quantities will not be increased. Over excavated areas shall be backfilled with select sub grade material or Granular A and suitably compacted.
- (c) If it is determined that there will be a surplus of fill material; the Contractor will manage his excavation, fill and grading operations to ensure that sufficient quantities of fill are available for areas requiring fill inside the construction limits. Should the Contractor cause a shortfall of material for the aforementioned areas by placing the available material elsewhere, or disposing of it, he will be required to re-excavate the material from the outside disposal site and place it where required. This additional work, including the grading to conditions acceptable to the Engineer, will be at the Contractor's expense.
- (d) In all areas where there is new construction or reconstruction, topsoil and organic material shall be removed before new material is placed. Topsoil shall be stripped from all areas prior to commencing the excavation.
- (e) In areas where existing shoulders are being built-up, topsoil and organic material shall be removed before new Granular material is placed and compacted.
- (f) Areas requiring fill material shall utilize the select sub grade material from the site. This material shall be placed in 200 mm lifts and compacted to 95% Standard Proctor Density.
- (g) All surplus topsoil and fill shall be disposed of offsite.

Measurement of Payment

Measurement is by plan quantity and may be revised by adjusted plan quantity of the volume in cubic meters, excluding any quantity required for drilling operations.

Basis for Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to do the work.

ITEM NO. 4 – VARIOUS SIZE WATERMAIN INSTALLATION BY HORIZONTAL DIRECTIONAL DRILLING (HDD)

Spec. O.P.S.S. Form 180, 182, 201, 441, 450, 493, 501, 504, 514, 517, 518, 701, 702;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply and install potable watermain diameter as indicated on the contract drawings. The Contractor shall furnish all labour, plant, transportation, materials, tools, equipment and appurtenances required to complete the work.
- (b) This section includes installation of potable watermain by Horizontal Directional Drilling.
- (c) Supply and install appurtenances such as bends, tees, crosses, reducers, service boxes, tapping saddles, wet tap connections, various diameter pipes, blow-offs, transition sleeves, mechanical restraints, cathodic protection, bedding, backfill and restoration. etc.
- (d) Testing and disinfection procedures shall conform to the latest revision of American Water Works Association (AWWA) Standard C651 and Clarence-Rockland Environmental Services Division Standard Specifications. OPSS 441 and the SP provided. The more stringent procedure shall apply.
- (e) When a portion of the watermain system must be isolated in order that work be performed, the staff of the City of Rockland-Clarence shall carry out all deactivating procedures on the watermain. Notification to all affected customers shall be made 24 hours in advance of the shutdown. The Contractor shall not be invoiced for this work during normal working hours. Maximum allowable time for which service may be interrupted to customers is 4 hours for any one occurrence. The Contractor should note that the City of Clarence-Rockland does not guarantee a 100% shutdown on existing valves and the Contractor shall be prepared to have additional water pumps, fittings, etc., on site as required to carry out the work. Having the least possible interruption to supply may require working outside of regular hours. The Contractor will not be allowed extra payment or compensation for work carried out under irregular hours.
- (f) The Contractor shall be required to submit to the Contract Administrator two weeks in advance of construction a letter of compliance, pipe design calculations, summary of fittings, restrained length calculations, product data, shop drawings dated, signed and sealed by a Professional Engineer from the pipe manufacture, complete with mechanical joint restraint details for the material as selected by the

Contract Administrator for installation.

Products

- (a) Pipe:
- i) High density polyethylene pressure pipe conforming to AWWA C-906, DR11, ANSI-NSF i) Potable watermain to be fusible pipe (PVC), Fusible Brute or approved equivalent, A.W.W.A. C-900, Class 235, DR18 watermain pipe. Pipe shall be blue in colour. Pipe shall be stamped as CSA approved, UL listed, FM approved and AWWA compliant. Pipe diameters as indicated on the Contract drawings. A representative from the pipe supplier is to be onsite for the initial installation of fusible pipe.
- or
- ii) Potable watermain to be fusible pipe (PVC), Fusible Brute or approved equivalent, A.W.W.A. C-900, Class 235, DR18 watermain pipe. Pipe shall be blue in colour. Pipe shall be stamped as CSA approved, UL listed, FM approved and AWWA compliant. Pipe diameters as indicated on the Contract drawings. A representative from the pipe supplier is to be onsite for the initial installation of fusible pipe.
- (b) Fittings shall be the following:
- i) Joints for PVC and ductile iron shall be gasket fitted to the bell and spigot.
 - ii) High density polyethylene to polyethylene joints to be built fusion joined to ASTM D2657 or by electrofusion coupling as per ASTM D3350 and ASTM F1055.
 - iii) Fittings for PVC shall conform to AWWA-C907 "Polyvinyl Chloride (PVC) Pressure Fittings and shall be certified to CSA B 137.2. They shall be UL listed and FM approved.
 - iv) Fittings for ductile iron shall be in accordance with C110/A21.10 or AWWA 153. Fittings shall be cement lined and in accordance with ANSI/AWWA C104/A21.4.
- (c) Transition couplers and reducers as required shall be supplied to connect the HDPE pipe to the other pipe material. The HDPE pipe shall be connected to a ductile iron reducer with an IPS sized Central Plastics Company (or approved equivalent) polyethylene M.J. adapter on the HDPE pipe as per AWWA C906, watermain approved. Contractor shall also install Central Plastics Company Electrofusion Flex Restraints (or approved equivalent) fully encased in a 0.8m³ concrete thrust block approximately 3m from the connection (on HDPE pipe). Each Flex Restraint installation shall consist of three (3) anchors (flex restraint devices) evenly spaced. The ductile iron reducer shall be connected to the main transmission line (PVC or ductile iron) with DIPS mechanical joint.
- (d) Tracer Wire for horizontal directional drilling to be Tracer wire for directional boring installation shall be a 12 AWG solid. Conductor shall be hard-drawn, 21% IACS, copper clad steel, utilizing a AISI 1045 high carbon steel core (required to meet break load), with rated

break load of 1,030 lbs (201,000 psi). Conductor shall be extruded with a 45 mil, high-density polyethylene, and meet the APWA color code of the buried utility line. Tracer wire shall be rated for direct burial use at 30 volts and RoHS compliant. Tracer wire shall be PRO-TRACE[®] HDD-CCS PE45 as manufactured by Pro-Line Safety Products or approved equivalent.

- (e) Pipe Bedding, Surround and Cover Material:
 - Granular A as per OPSS 1010
 - Granular B Type II bedding as per OPSS 1010

- (f) Valve:
 - Resilient-Seated Gate Valve, non-rising stem, open **counter-clockwise** to AWWA C-509

- (g) Valve Box:
 - shall be a 130mm diameter slide valve box complete with extension, cap and cast iron lid.

- (h) Thrust Restraints:
 - i) Mechanical restraints on all horizontal bends, vertical bends, tees and caps, designed for use on AWWA C900 / C909 pipes
 - ii) Standard of acceptance: Uni-Flange Series 1350
 - iii) Stainless steel bolts & nuts
 - iv) Concrete thrust blocks not allowed

- (i) Corrosion Protection:
 - v) Required for all metallic appurtenances and services
 - vi) Denso LT tape
 - vii) Zinc anodes to OPSS.MUNI 442 and City of Clarence – Rockland Design Guidelines Subdivions and Site Plans document.

- (j) Services, pipe:
 - i) Type K copper (soft) to ASTM B88
 - ii) Crosslinked polyethylene (PEX) to AWWA C904, certified to CSA B137.5
 - iii) HDPE to CSA B137.1

- (k) Services, other:
 - i) Watermain saddle: double bolt stainless steel (Ford Meter Box Company Model FS202 or approved equivalent)
 - ii) Main stop: plug or ball valve in accordance with AWWA C800
 - iii) Curb stop: ball valve to AWWA C800
 - iv) Service box: slide type

- (l) Prior to commencing any work, the Contractor shall submit a clear and detailed statement for the execution of the trenchless pipe installation 3 weeks prior to starting work which shall include but is not limited to the following:
 - i. A list of personnel and their qualifications and experience.
 - ii. Description of the construction method, sequence of operations

- and type of trench supports that will be utilized,
- iii. Manufacturer and type of HDD equipment and related operating system proposed,
- iv. Boreplan, reaming and pull back plan,
- v. Bore tracking and related equipment use,
- vi. Ground monitoring equipment and methods, for example settling, heaving, fluid loss or frac-out,
- vii. Specialist subcontractors that will be utilised and applicable competency training records of personnel,
- viii. Environmental management plan and noise pollution mitigation, identifying potential environmental impacts and emergency containment and clean-up procedures.
- ix. Quality management plan,
- x. Traffic management and control plan,
- xi. Calculation of size, depth and location of launching, access and exit pits required,
- xii. Worksite layout plan,
- xiii. Dewatering,
- xiv. Field final product testing,

- xv. A drilling fluid management plan, including source of fresh water and necessary permits or approvals; type of drilling fluids and potential additives and their Material Safety Data Sheets (MSDS); method of drilling fluid containment; method of recycling drilling fluid, as applicable; method of transporting drilling fluids off site; disposal of excess drill fluids; and methods to continually monitor fluid properties and pressure throughout the course of drilling and pullback operations to anticipate drilling fluid related problems before they occur; and potential environmental impacts and emergency procedures and associated contingency plans.
- xvi. Fusion methods and equipment used, welder certification,
- xvii. Schedule and duration for drilling operations.

Execution

- (a) Refer to the St. Lawrence Testing and Inspection Co. Ltd. Geotechnical Subsurface Investigation (October 31, 2012).
- (b) Make all necessary arrangements and obtain all permits and approvals as required by authorities having jurisdiction and include all cost necessary for transportation and off-site disposal of excess bentonite slurry, cuttings and pit spoil.
- (c) The Contractor shall inspect the site and verify all existing levels, survey control points and set out points shown on the Drawings before commencing the

earthworks. The Contractor is responsible for all layout.

- (d) The Contractor shall take all care and necessary precautions to protect existing structures, utilities and services in planning and execution of the work. Any damage to adjacent properties that are not part of this work shall be repaired and restored to its original condition or better at the Contractor's expense.

Launching, Receiving and Exit Pits

- (a) Pits shall be of the minimum possible size commensurate with safe working practices and located at the maintenance holes. The Contractor shall select the size and provide the details of all pits.
- (b) Every face of any excavation that exceeds a depth of 1.5 meters shall be supported or contained by shoring unless the face is cut back to a safe slope of 1:1 and as required by authorities having jurisdiction. Excavation walls shall be protected to prevent erosion.
- (c) All necessary measures must be taken to ensure that excavations are left in a safe condition including the erection of suitable rigid barricades, warning signs and hazard lights.
 - i. Excavations shall be kept free and clear of loose materials, water and rubbish. Should excavation to the nominated depth reveal unstable or unsuitable material the Contractor shall immediately notify the Contract Administrator. The Contractor shall provide ground materials as required to proceed with HDD.
- (d) Prior to backfilling the launching, access and exit pits the Contractor shall ensure that the new pipe is properly supported and on the required grade. Suitable material approved by the Engineer shall be used immediately under the new pipe as support in order to avoid sagging after backfill and compaction.

Settlement, Surface and Heave Monitoring

- (a) The Contractor shall be responsible for the identification and protection of services where these are crossed by construction activities.
- (b) The Contract Administrator shall be notified immediately of all services encountered during progress of work. The services shall be marked on the "As-Built" drawings by the Contractor.
- (c) Where crossing of roadways are involved, the Contractor shall be required to record and report any ground settlement to the satisfaction of the controlling agencies.
- (d) Where utilities and pipelines are involved the Contractor shall monitor ground settlement or heave directly above and 3 meters before and after the utility or pipeline intersection.

- (e) The Contractor shall cease operations when monitoring points indicate any surface disruption. The Contractor shall propose immediate action for review by the Contract Administrator to remedy the problem.

Grade and Alignment Tolerances

- (a) Tolerances in the gradient and alignment of the final installation shall comply with the following:
 - i. Vertical: +/- 0.30 meters
 - ii. Horizontal: +/- 0.30 meters
- (b) The Contractor shall record the exact position of the drill to ensure the pilot is within the following allowable tolerances.
 - i. Vertical: +/- 0.30 meters
 - ii. Horizontal: +/- 0.30 meters

The Contractor shall make immediate corrections to the alignment before allowable tolerances are exceeded if a misalignment is recorded.
- (c) The Contract Administrator shall agree with the allowable tolerances on the pilot bore path once it has been established if it falls outside the original proposed alignment indicated in the design drawing.
- (d) The Contractor shall daylight the installed pipe as directed by the Engineer at intervals of +/-500meters to confirm alignment.
- (e) If a stoppage in the forward progress of the project is encountered the cause of the stoppage shall be determined by the Contractor. When the cause has been identified the installation method shall be modified to the satisfaction of the Contract Administrator to best suit the actual conditions encountered. Should the stoppage be a result of the Contractor's equipment, material or methods, then all remedial costs will be at the Contractor's expense.

Installation of Pipe

- (a) The pipe shall be homogenous throughout and shall be free of visible cracks, holes, foreign deleterious faults.
- (b) The Contractor shall transport, handle and store the pipes and fittings in accordance with the manufacturers' recommendations at all times. Materials that are damaged or lost shall be repaired or replaced by the Contractor at no additional cost to the Owner.

- (c) The drilling fluid plan shall be modified, when warranted, throughout the project to ensure the drilling fluid is fulfilling its function.
- (d) The Contractor's drilling execution plan shall identify the equipment to be maintained onsite to check drilling fluid properties. Alternations to the mix shall be made, when warranted, to stay within the proposed boundaries of the drilling fluid plan.
- (e) In the event that the pilot bore deviates from the planned bore path the Contractor shall promptly notify the Contract Administrator. The Contractor may be required to pull back and re-drill from the location along the bore path prior to the deviation occurring.
- (f) In the event of a boring fluid fracture or return loss occurring during pilot hole boring operations, the Contractor shall ensure that the contingency plan for frac-out or fluid lost is implemented. The Owner and the Contractor will discuss additional options and implement as required.
- (g) Upon successful completion of the pilot hole, the Contractor shall ream the borehole using the appropriate tools.
- (h) Trace wire is to be installed along the entire pipe length. If the tracer wire breaks or a weak signal is identified from continuity testing the Contractor shall be responsible to locate the break or weak signal and repair per manufactures instructions at no additional cost to the owner.
- (i) The Contractor shall not attempt to ream at one time more than the boring equipment and recycle system are designed to handle.
- (j) The Contractor shall pull the pipe through the borehole after successfully reaming the borehole. In front of the pipe will be a swivel. Once pull back operations have commenced, the operation must continue without interruption until the pipe is completely pulled through the reamed hole.
- (k) In the event that the pipe becomes stuck, the Contractor shall immediately cease the pulling operations to allow any potential hydro-lock to subside. Then if on re-commencement of the pulling operation the pipe remains stuck the Contractor shall immediately notify the Contract Administrator. The Contractor in consultation with the Owner will discuss the appropriate recovery plan to be implemented to allow the work to continue.
- (l) Prior to sealing the annulus space and backfilling the installed pipe shall be allowed the manufacturer's recommended amount of time, but not less than four hours, for cooling and relaxation. Sufficient excess length of the new pipe shall be allowed to protrude into the access chamber/pit to allow for cooling and relaxation and consequential contraction.

- (m) Restraint of the pipe ends shall be achieved by means of Central Plastics Electro Fusion couplings or other methods approved by the Engineer. The electro-fusion couplings shall be slipped over the pipe ends against the access chamber wall and fused in place. Installation of electro fusion couplings shall be done in accordance with the manufacturer's recommended procedures.
- (n) Pipe to be installed within 2 meters of connection point. Connection to existing main shall not be made until approved by the Owner or Engineer in writing following testing and disinfection.

Performance Requirements

- (a) The Contractor shall provide proof of certification by the HDD equipment manufacturer of the energy, condition, and operational characteristics of all equipment to be used for installing the specified pipe.
- (b) The Contractor shall ensure the pipes are assembled on site using butt-fusion methods to provide a leak proof joint. Threaded or solvent cement joints and connections are not permitted. Fusing shall be completed by personnel certified as a fusion technician to the satisfaction of the Contract Administrator.
- (c) The Contractor shall in accordance with the manufacturer specification ensure that a butt-fused joint is constructed in true alignment with a result an uniform roll-back beads. The joint shall be allowed adequate cooling time before removal of pressure. All identified defective areas of the pipe shall be cut out and the joint fused in accordance with the procedures stated by the manufacturer and replaced at no additional cost to the Owner.
- (d) The Contractor shall ensure that the terminal sections of pipe that are joined are connected with Central Plastics Electrofusion Couplings, or connectors with tensile strength equivalent to that of the pipe being joined.
- (e) The Contractor shall ensure that the operator monitors the system at all times. All functions of the system shall be monitored and relayed to the operator. The minimum information available to the operator shall include thrust or pull force, roll, depth, temperature and fluid pressure.
- (f) The Contractor shall include in his drilling plan the process to relieve pressure that may occur during the drilling operation for all utilities crossing identify within 600mm of the proposed pipe alignment.
- (g) The Contractor is to ensure that the equipment has the capability of limiting the drilling and pulling force applied to the pipe so as not to exceed the manufacturers recommended tension load for the pipe.

Drawings and Calculations



- (a) All construction drawings and design calculations used during the construction shall return to the Owner with mark ups to serve as “As-Built” record drawings. Mark-ups shall include the following but not limited to; the new pipe alignment, pipe joints, valve and hydrant locations.

Hydrostatic Pressure Testing

- (a) Contractor is to notify Contract Administrator forty eight (48) hours before the watermain is to be charged and tested. The Contractor must make required arrangements with the City of Clarence-Rockland to obtain water from an approved water supply.
- (b) Install any blow offs required to remove air from watermain (if required) and to supply the water required to pressurize the main.
- (c) Install temporary caps and thrust blocks on the new watermain to perform the pressure test.
- (d) Install main stop and approved test gauge required to perform test. Apply pressure to the watermain until pressure reaches 1,035 kPa. Contractor is to maintain pressure for two (2) hours, after which water will be added to the watermain from a uniform diameter containment basin as required to achieve 1,035 kPa. If the watermain pressure drops to 930 kPa during the 2 hours, the pressure is to be increased to 1,035 kPa. The total volume of water used will be calculated by the Contract Administrator and the Contract Administrator in accordance with OPSS 441.
- (e) If the watermain does not pass the test, the Contractor is required to locate and repair any leaks in the watermain at no cost to the Owner.

Flushing/Swabbing

- (a) Flushing/Swabbing operations shall be conducted under the supervision of the Contract Administrator. The Contract Administrator shall be notified at least 24hrs business days in advance of the proposed date on which flushing/swabbing and disinfecting operations are to commence.
- (b) Watermains 500mm and larger, only third party qualified firms, specializing in watermain commissioning, with documented experience and expertise in the swabbing, disinfecting and cleaning of watermains shall be permitted to conduct watermain swabbing. The firm conducting the swabbing must show proof that at least one on-site staff member is a qualified operator under O.Reg. 128/04 (min.

Class 1) and be approved by the Contract Administrator in writing before work may begin.

- (c) All Watermains shall be wet swabbed as follows;
- i. A minimum of 3 (Three) new foam swabs with a density of approximately 25 kg/m³ and a minimum diameter of 50mm larger than the watermain shall be used.
 - ii. Swabs shall have a minimum length of 1.5 times the diameter
 - iii. Swabs shall be propelled through the watermain using potable water, and shall be spaced a minimum of 1.5m meter between swabs.
 - iv. During the swabbing procedure the Contractor is to install spool pieces in place of all butterfly valves. These shall be supplied, installed and removed by the Contractor.
 - v. Gate valves must be left in the open position
 - vi. Swabbing shall continue until the discharge water runs clear within 10 seconds of the last swab exiting the discharge point.
 - vii. All fitting, taps, valves etc. required for the introduction, propelling and recovery of the swabs, as well as the swabs are to be supplied by the Contractor. The removal of all of the above at the completion of the swabbing works is the responsibility of the Contractor.
- (d) All water discharged by the flushing/swabbing operations shall be at an approved outlet location. The Contractor shall be responsible for collecting and/or disposing of all such water, ensuring that all erosion and sediment control and de-chlorination requirements of all authorities having jurisdiction are met.

Disinfection

- (a) After the watermain has been pressure tested and approved, flush the watermain at a flushing velocity not less than 0.76 m/s, taking all required measures to discharge the flushing water in an appropriate manner.
- (b) At a point not more than 3m downstream of the beginning of the watermain, water entering the watermain shall receive a dose of chlorine fed at a constant rate such that the water will not have less than 25 mg/L and not more than 80 mg/L of free chlorine.
- (c) Allow chlorinated water to stay in watermain for a period of 24 hours. After the 24 hour retention period, flush the chlorinated water from the watermain. Continue flushing the watermain until the chlorine residual of the discharge water matches that of the source water. To ensure that this concentration is provided, measure the chlorine concentration at regular intervals.
- (d) After final flushing, and prior to connecting the new watermain to the distribution system two consecutive sets of acceptable samples, taken at least 24 hour apart shall be collected from the main. At least one set of samples shall be

collected from every 500m of the new watermain, plus one set from the end of the line and at least one set from each branch. All samples shall be tested in accordance with Standard Methods for the examination of water and wastewater for E.Coli and total coliforms. Testing shall be completed by an accredited laboratory. The laboratory must be capable of performing the testing under proper accreditation. Costs for testing and analysis are the responsibility of the Contractor.

- (e) Chlorine concentrations to be measured by a digital instrument. Instrument to be approved by the Engineer.

Closing of Pits

- (a) After satisfactory completion or all testing and all equipment and excavated material for the HDD operations has been removed, the Contractor shall prepare the bottom of all pits to the same specification as required for the pipe foundation. The Contractor shall remove all loose and disturbed material below the pipe ground to the undisturbed earth level and shall re-compacted the materials to as close to the original condition as possible.

Quality Control and Assurances

- (a) The Contractor shall submit a description of the method and frequency of survey control that will be utilised (e.g. drilling daily log).
- (b) The Contractor shall maintain a record of as-built drawings and other data in accordance with the General Conditions of the Contract, this specification and the scope of works, throughout the duration of the contract.
- (c) The Owner reserves the right to reasonable access to the Contractor`s facilities and Quality Control records for the purposes of quality assurance and inspection throughout the contract period.
- (d) The Contractor`s Quality Control procedures shall be subject to formal audits as required by the Owner.
- (e) The Contractor`s Quality Control shall define the method for performing its own internal audits.

Measurement for Payment

Measurement of the plan length of the pipe installed; inclusive of access pits, all reinstatement, granular, excavation and testing etc. as indicated.

Basis for Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to complete the work as outlined.

ITEM NO. 5 & 6 – SUPPLY AND INSTALL WATERMAIN, COMPLETE WITH APPURTENANCES

Spec. O.P.S.S. Form 701, 493, 514, 517 and 518

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply and install potable watermain as per Contract Drawings.
- (b) Supply and install appurtenances such as bends, tees, crosses, reducers, valves, gate boxes, service boxes, tapping saddles, wet tap connections, various diameter pipes, blow-offs, transition sleeves etc.
- (c) Testing and disinfection procedures shall conform to American Water Works Association (AWWA) Standard C651-99.

Products

- (a) Potable watermain to be polyvinyl chloride (PVC), A.W.W.A. C-900, Class 150, DR18 watermain pipe. Pipe shall be blue in colour. Pipe shall be stamped as CSA approved, UL listed, FM approved and AWWA compliant. Pipe diameters as indicated on the Contract drawings.
- or,
- (b) Ductile iron pipe with Minimum Thickness Class 52 (AWWA C-150) and manufactured to AWWA C-151 supplied with standard thickness cement lining (AWWA C-104/A21.5). Ductile iron pipe shall be supplied with push-on joints as per AWWA C-111/A21.11, complete with gaskets and bonding straps or lock wedges for maintaining electrical continuity. Pipe shall be polyethylene encased as per AWWA C-105/A21.5-99 and shall also be protected by anodes. Ductile iron pipe shall be stamped to show the class of pipe, date of manufacture, manufacturer's name, UL insignia and the ANSI-NSF 61-89 insignia.
- (c) Joints and Fittings
 - i. Joints for PVC and ductile iron shall be gasket fitted to the bell and spigot.
 - ii. Fittings for PVC shall conform to AWWA-C907 "Polyvinyl Chloride (PVC) Pressure Fittings and shall be certified to CSA B 137.2. They shall be UL listed and FM approved.
 - iii. Fittings for ductile iron shall be in accordance with C110/A21.10 or AWWA 153. Fittings shall be cement lined and in accordance with ANSI/AWWA C104/A21.4.
- (d) Valves
 - i. Potable Water Gate valves shall be ANSI/AWWA C-509 resilient seat gate valve type with cast iron or ductile iron body. Valves shall open counter-clockwise (left-hand opening). Valves as supplied by Mueller Canada Valve, or McAvity.

- ii. Valve box shall be a 130mm diameter slide valve box complete with extension and cap as supplied by Bibly-Ste.Croix or MVB composite valve box complete with cast iron lid.
 - iii. Valves shall have an extension from the top of nut on valve to within 300mm of finished grade (OPSD 1101.020).
 - iv. Valves shall have a 50mm square nut actuator complete with steel ring guide plate.
 - v. All valves 450 mm and smaller shall be gate valves.
 - vi. Fasteners shall be made from material meeting the strength requirements of ASTM 307 with dimension.
- (e) Tracer Wire TWU or RWU, 8 gauge, 7 strand or more, copper, 60°C or higher, 600V or approved equivalent. C-Tap to be approved by CSA and to be sized to connect together two tracing wire as specified.
- i. All tracer wire terminated above grade shall do so with a locate station.
 - ii. Locate stations shall be “Finklet” two terminal, blue in colour as manufactured by Cott manufacturing Model #775-B2AC or equivalent. Each station shall include 1.5m of 18mm PE conduit, also blue in colour), open on bottom and connected at the top to the “Finklet”.
 - iii. Tracer wire shall be extended up through the conduit, and approximately 150mm extra length shall be coiled and placed within the end fitting.
 - iv. The looped end of the tracer wire shall be severed and each end then terminated to one of the connections supplied on the back of the Locate Station face plate. A removable, solid nickel plated copper bonding strap, complete with two slotted holes, one open ended, shall be attached across the two connection points on the front of the Locate Station face plate complete with stainless steel nuts to secure it in place.
 - v. A locate station connected to a hydrant barrel shall be secured such that the bottom of the “Finklet” fitting is located approximately 25mm above the flange with cover plate easily accessible and facing front.
 - vi. A locate station adjacent to a building foundation shall be held securely in place during backfill to insure that it remains plumb, with the bottom of the end fitting approximately 200mm above final grade, the back of the box square and tight to the wall and the cover plate easily accessible and facing front.
- (f) Restrainers
- i. Uniflange Series 1350 for PVC or ductile iron is the standard of acceptance. Equivalent may be approved upon review of Contract Administrator.
 - ii. Concrete thrust blocks as per OPSD 1109.010.
- (g) Corrosion Protection
- i. Z-12-24 and Z-24-48 zinc anodes as per OPSS 702.
- (h) Granulars
- i. Bedding – Granular A and Granular B Type II as per OPSS 1010
 - ii. Surround & Cover – Granular A as per OPSS 1010

- iii. Backfill – select subgrade material as per OPSS 1010
- (i) Tapping Saddles – Ford tapping sleeves (style Fast) or approved equivalent.
- (j) Service Saddles – Ford Service saddle (style FS202) or approved equivalent.
- (k) Couplers – Hymax 2000.
- (l) HI-40 DOW rigid insulation, or approved equivalent, 50mm thick insulation boards installed as per manufacturer's specifications.

Execution

- (a) Excavate, remove, and dispose of materials of all types and descriptions, including rock, cobbles, soil, boulder, concrete, asphalt, trees, stumps, roots, fence, etc. from the installation of the watermain pipes.
- (b) Contractor shall also supply all shoring and bracing required to ensure the earth stability near open excavation in all other areas.
- (c) The Contractor is responsible for dewatering the trench of water from all sources. Under no circumstances is ground or surface water to enter the watermain pipe. Provide and use a night cap, watertight plug. Provide and use a temporary plug to protect against unsuitable material entering the pipe during working hours.
- (d) Supply, place, and compact to 95% SPD, 300 mm depth of Granular 'A and B' bedding. Surround thickness shall be OD + 800 mm of Granular 'A' compacted to 100% SPD. Cover material shall be Granular 'A' and it shall be placed to 300 mm above pipe obvert and compacted to 100% SPD. Granular materials shall be compacted in 150mm (maximum) lifts. Supply, place and compact to 95% SPD backfill material.
- (e) Valves shall be installed at locations indicated on Contract Drawings or at locations determined by the Contract Administrator on site.
- (f) Sacrificial anodes shall be installed as per OPSS 702 and OPSD 1109.010 or 1109.011 on ductile iron appurtenances such as valves, bends, tees, etc. Z-12-24 zinc anodes for 200mm and smaller appurtenances and Z-24-48 zinc anodes for larger appurtenances.
- (g) At every valve, bend, tee, etc, on watermains larger than 200mm the Contractor shall restrain a minimum of nine meters of pipe on either side of the connections (at the Tyton Joint) using Uniflange UFR 1350.
- (h) For 200mm and smaller watermains, supply and place concrete thrust blocks at all bends, elbows, etc. and as required by the Contract Administrator. Thrust restraints in accordance to the applicable OPSD.
- (i) Supply and install tracer wire on PVC watermains. Tracer wire to be continuous (unspliced). Secure wire to pipe every three meters using fibreglass tape or plastic tie wrap, and fastened to a bolt on valves in valve boxes. Tracer wire

continuity of current must be tested by the Contractor and verified by the Contract Administrator. Contractor shall supply the Contract Administrator with a report on the continuity of the tracer wire.

- (j) Connect the proposed watermain to the existing watermains, complete in every respect using an approved coupler. Note that the new watermain must be pressure tested, superchlorinated, and approved by the Contract Administrator before connection to the existing watermain will be permitted.
- (k) Supply, place, and compact to 95% SPD select subgrade material for pipe backfill.
- (l) Water service to any property may be severed for a maximum period of 3 hours per day. Water service is to be maintained to every resident at the end of each day until the start of construction the next morning. Written warning must be given to the resident at least 2 day prior to severing their water service. Verbal warning is to be given immediately prior to severing their water service.
- (m) Contractor shall supply and place HI-40 insulation over watermain in any area where cover is less than 1.6 meters.
- (n) All existing valves must be operated by a Town employee only. The contractor is not to operate any existing water valves.
- (o) Contractor shall provide 48 hour written notice to the City/Township prior to performing any shut downs of the existing watermain.
- (p) The contractor shall provide 24 hour notice to residents prior to shut down of existing watermain.
- (q) Shutdowns affecting the whole system, or any hydrant shall be made only after obtaining written permission from the Fire Chief and Contract Administrator.

Testing

- (a) Refer to Item 3.

Disinfection

- (a) Refer to Item 3.

Measurement of Payment

Watermain and appurtenances measurement is by the plan quantity and may be revised by adjusted plan quantity. Measurement shall be based on linear meters of watermain installed.

Valve measurement will be by each (EA) valve supplied and installed.



Basis for Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to do the work.

ITEM NO. 7 – FIRE HYDRANT, LEAD AND VALVE

Spec O.P.S.S. Form 180, 201, 407, 501, 516, 517, 518;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply all materials, labour, and equipment required to install hydrant, lead, valve and appurtenances.
- (b) Setting of hydrants to be as per City of Clarence-Rockland Standard Specifications for Watermains, Fire Hydrants and Water Service Laterals.

Products

- (a) Hydrants shall be as per City of Clarence-Rockland Detail CRSD W-3.00. Hydrants to be Mueller Canada Century or approved equivalent. Hydrants must be non-draining, yellow, dry-barrel, compression, dry top, open against pressure, three-watt type with two 64mm hose outlet nozzles and one 127mm pumper outlet nozzle in accordance to ANSI/AWWA C-502. **COUNTER-CLOCKWISE** operating nut opening. Existing hydrants to be salvaged and returned to the City of Clarence-Rockland.
- (b) Main valve shall not be less than 127mm.
- (c) HI-40 DOW rigid insulation, or approved equivalent, 50mm thick insulation boards.
- (d) Pipe shall be as per watermain items.
- (e) All bolts used to be stainless steel.
- (f) Granulars
Bedding – 300mm Granular A as per OPSS 1010 compacted to 95% SPD
Surround – OD + 800mm Granular A as per OPSS 1010 compacted to 100% SPD
Cover – 300mm Granular A as per OPSS 1010 compacted to 100% SPD
- (g) Concrete as specified below. Neither fly ash nor slag will be accepted in the mix. Engineer to be provided with mix design prior to placing any concrete.
Compressive Strength: 35 Mpa minimum @ 28 days
Cement Content: 385 kg minimum per c.m.

Coarse Aggregate:	19 mm maximum
Water/Cement Ratio:	0.45 maximum
Slump:	70 mm ± 20*
Air Content:	7 % ± 1.5 %

- (h) Backfill – Select Subgrade Material as per OPSS 1010.
- (i) Flourecent fire hydrant indicator to be mounted to each hydrant. An acceptable product would be Visi-Flow from Stelem.

Execution

- (a) Hydrants shall be installed as per City of Clarence-Rockland Detail CRSD W-3.00.
- (b) Cathodic Protection shall be installed as per CRSD W-20.

Measurement for Payment

Measurement shall be for each hydrant installed.

Basis for Payment

Payment shall be at the unit bid price and shall be compensation in full to complete the work as outlined.

ITEM NO. 8 – VARIOUS SIZE HDPE/CSP

Spec. O.P.S.S. Form 421, 504, 514, 517, 539;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply and install high density polyethylene (HDPE) culverts at locations shown on the Contract Drawings (Russel Road). Supply and install Corrugated Steel Pipe (CSP) culverts at locations shown on the Contract Drawings (Landry Street).
- (b) The Granular ‘B’ material required for the frost taper treatment for the road crossing culvert shall be paid under the Granular ‘B’ item. Granular ‘A’ for bedding, surround and cover shall be included under the culvert item.

Products

- (a) HDPE rigid dual wall with smooth interior and corrugated exterior shall be CSA B182.8.
- (b) Granular - Granular A as per OPSS 1010.



Execution

- (a) Excavate, remove and dispose of materials of all types and descriptions, including rock, concrete, etc. and dispose of offsite.
- (b) Supply and place Granular A bedding, and backfill to culvert pipe, Granular material to extend to a minimum of 300 mm above culvert obvert. Granular material to be compacted to 95% SPD.
- (c) All granulars are to be included in this item except for the frost tapers.

Measurement for Payment

Measurement of pipe culverts is per lineal metre of pipe installed.

Basis for Payment

Payment is at the contract price for the tender item and shall be full compensation for all labour, equipment and material required to do the work.

ITEM NO. 9 & 10 – SUPPLY AND PLACE GRANULAR A AND B

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply and place Granular 'A' and 'B' material for the roadways, frost tapers, shoulders, sidewalks and curbs as shown on the Contract Drawings.
- (b) Excavation and disposal of excavated materials will NOT be included in this item.
- (c) Granular material required for the sewer/culvert, bedding and cover as well as the material required for their various structures and appurtenances will NOT be included in this item as they are included in their respective items.

Products

- (a) Granular 'A' material shall be as per OPSS 1010.
- (b) All Granular 'B' material shall be as per OPSS 1010, Type II, quarry source.
- (c) Granular material shall be from a quarry source(s).

Execution



- (a) Granular material shall be from a quarry source(s). The quarry must be located in Ontario and quarry owner must be a member in good standing with the Aggregate Producer's Association of Ontario.
- (b) Supply and place Granular A and B material on the roadway in areas of reconstruction, frost tapers, shoulders, backfill to curbs and adjacent to curbs.
- (c) Granular materials shall be compacted to 100% SPD and shall be placed in maximum lifts of 200 mm.
- (d) Granular B shall be placed to achieve the theoretic base elevation as indicated on drawings.
- (e) Granular A shall be placed to final profile prior to placement of asphalt.
- (f) Final shoulder granular shall be placed with a shoulder spreader approved by the Engineer.

Measurement of Payment

Measurement for payment is by plan quantity and may be revised by adjusted plan quantity of tonnes placed. Measurement shall be based on tonnes of granular placed.

Basis of Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to do the work.

ITEM NO. 11 & 12 – SUPPLY, MIX AND PLACE HOT MIX ASPHALT

Spec. O.P.S.S. Form 310, 501, 1003, 1101, 1150;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply, mix and place HL-8 and HL-3 asphalt for roadway surfaces as indicated in the Contract Drawings.
- (b) Supply, mix and place HL-3 asphalt for sidewalk as indicated in the Contract Drawings.
- (c) Reconstruction/reinstatement of the roadway granular layers is NOT included under these items, however fine grading of the granular road base is included.

Products

- (a) HL-8 Asphalt as per O.P.S.S. 1150.
HL-3 Asphalt as per O.P.S.S. 1150.



- (b) Tack coat to CAN/CGSB-16.1. Grade RM-20 MC-70 CAN/CGSB-16.2, Grade SS-1.

Execution

- (a) Supply all labour and equipment necessary to fine grade, compact and otherwise prepare the granular road base to accept asphalt.
- (b) The contractor shall provide Engineer with asphalt mix design, as per O.P.S.S. 310, prior to placing any asphalt.
- (c) All iron works shall be set to the finished grade of the asphalt prior to paving.
- (d) Carry out all saw cutting on existing pavements (asphalt and concrete), boulevards, parking lots, medians, as required by the Engineer.
- (e) Carry out all asphalt planning or removal for tie-in purposes, as required by the Engineer.
- (f) All concrete surfaces, including curb faces, which are to be covered with hot mix asphalt, must be tack coated with an asphalt emulsion. All surfaces to be tack coated shall be thoroughly cleaned of any loose material.
- (g) A lap joint is required at all tie-ins. The Contractor shall cut back the existing surface coarse asphalt a minimum of 40 mm in depth and strip out existing asphalt from this cut, a distance of not less than 0.5 m by the full pavement width. This may be accomplished by means of suitable mechanical sawing equipment and excavating with backhoe or loader, cold road planning equipment, or heating surface layers with equipment specially manufactured for the purpose of raking out hot asphalt. In any case, a sharp, clean, perfect edge in straight alignment must be made. After excavating, the Contractor must clean this area of all loose material and coat with an asphalt emulsion tack coat material, making sure to coat the face of each perpendicular.
- (h) Asphalt shall be placed in 50 mm (maximum) lifts and compacted to 96 % Marshall Density.
- (i) Cross-section shall be as per the detail drawings.
- (j) If upon placement of asphalt it is determined that the quantity placed exceeds the theoretical quantity, the Engineer at his discretion, may adjust the payment accordingly.
- (k) The compaction equipment shall be based on a production of 120 tonne per hour.

Measurement of Payment

Measurement is by the plan quantity and may be revised by adjusted plan quantity.



Measurement shall be based on tonnes of asphalt placed.

Basis for Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to do the work.

ITEM NO. 13 – RIP-RAP STONE ON FILTER CLOTH

Spec. OPSS 511. OPSD 810.010 Type “B”

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

- (a) Excavation and disposal of the excavated material
- (b) Class 1 Geotextile Filter Fabric (Terrafix 360-R or equivalent) supplied and installed in place as per contract drawings.
- (c) Supply and place rip-rap stone to lines as per contract drawings. Placing shall be completed by hand in such a manner that the surface of the finished stone shall have a uniform appearance and be without segregation.

Measurement of Payment

Measurement is by the plan quantity and may be revised by adjusted plan quantity. Measurement shall be based on square meter of rip-rap stone complete with geotextile placed.

Basis for Payment

Payment is at the contract price for the tender item and shall be full compensation for all labour, equipment and material required to do the work.

ITEM NO. 14 – TOPSOIL AND SEED

Spec. O.P.S.S. Form 570, 572;

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) Supply and place topsoil and seed on all disturbed areas and areas determined by the Engineer to be within the Contract limits not included under the watermain item.

Products

- (a) Seed shall be a Standard Roadside Mix as per OPSS 572.



- (b) Topsoil shall be screened and free of stones and clods over 50 mm in greatest dimension. Topsoil shall be as per OPSS 570 and shall be screened.
- (c) Straw mulch shall be as per OPSS 572.

Execution

- (a) Topsoil shall be placed to a minimum thickness of 100 mm in all areas outlined as indicated on contract drawings. Topsoil shall be free of stones, and clods over 50 mm in greatest dimension. Topsoil shall be placed in accordance to typical drawings. Topsoil shall be compacted prior to the placement of the seed.
- (b) The seed shall be the standard roadside mix and shall have a straw mulch cover.

Measurement for Payment

Measurement of the area shall be in square metres for the items specified.

Basis for Payment

Payment is at the contract price for the tender item and shall be full compensation for all labour, equipment and material required to do the work.

ITEM NO. 15 – SEDIMENT CONTROL MEASURES & ENVIRONMENTAL PROTECTION

Spec. OPSS Form 577; 1860

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

- (a) The contractor must submit a sediment control and erosion control plan as part of the construction schedule. The sediment and erosion control measures shall be implemented prior to commencement of the work.
- (b) Heavy duty silt fencing shall be installed along adjacent wetlands, at drain or ditch crossings and at culvert crossings where open excavation is required. These locations and details are included in the drawings. Silt fencing is to be installed at any other locations where the Contractor is required to control silt.
- (c) Straw bale check dams shall be installed at locations indicated on the drawings and adjacent improved or disturbed areas.
- (d) Contractor shall monitor the erosion and sediment control measures daily and shall maintain and/or replace control devices as required until the site has been re-vegetated as determined by the engineer. The contractor shall remove all such devices prior to issuance of certificate of completion.

- (e) A dewatering trap as per O.P.S.D. 219.24 shall be configured should dewatering of any area be required to accommodate the construction work.
- (f) All disturbed work areas shall be restored to pre-construction condition (or as specified) and stabilized as soon as possible after completion of work.
- (g) Where trench is dug along wet areas, backfill between pipe cover and topsoil to consist of clay.
- (h) All material and equipment used for the purpose of the project should be operated, stored and/or stabilized away from the water and in a manner that prevents any deleterious substance (e.g. petroleum products, silt, etc) from entering the water. Stockpiles in the vicinity of water shall be surrounded by silt fencing.
- (i) Vehicle and equipment re-fueling and maintenance shall be conducted a minimum of 30m from any watercourse or ditch.
- (j) Any part of a vehicle and/or equipment entering the water shall be free of fluid leaks and externally cleaned/degreased to prevent any deleterious substances from entering the water.
- (k) Contractor to keep an emergency spill kit on site in case of fluid leaks or spills from machinery. When working near water, the emergency spill kit shall be at the location of the operation.
- (l) Contractor to establish a contingency plan to contain drilling mud in case of a frac-out or accidental release in or near water.
- (m) Dust may be controlled by: using water, brine or calcium chloride.

Measurement of Payment

Measurement shall be in a lump sum for the work outlined above.

Basis for Payment

Payment is at the contract price for the tender item and shall be full compensation for all labour, equipment and material required to do the work.

ITEM NO. 16 – TRAFFIC CONTROL

S.P. The work deemed to be included in the unit bid price for this item shall be as follows:

- (a) Access to all properties to be maintained. Provide temporary means of access as required.
- (b) Emergency vehicle access shall be protected for all properties along all roads.

- (c) Traffic signage shall be in accordance with Ontario Traffic Manual (March 2001) Temporary Conditions Field Edition Latest Edition.
- (d) Excavations to be protected from traffic by placing jersey barriers and delineators as required.
- (e) At the end of each day, the site supervisor must patrol the entire site to ensure that all signage is in place and that there are no traffic hazards.
- (f) All construction equipment must be moved a minimum of 4 metres from the edge of pavement along County Roads at the end of each day's work.

Measurement for Payment

Measurement for payment will be based on lump sum cost for the above noted work.

Basis for Payment

Payment is at the contract price for the tender item and shall be full compensation for all labour, equipment and material required to do the work.

ITEM NO. 17 – LUMP SUM FOR OTHER REQUIREMENTS

Spec.	Information for Tenderer's
S.P.	The work deemed to be included in the unit bid price for this item shall be as follows:

General

- (a) All cost associated with tender deposits, bonds and insurance are to be included as part of this item. Contractor may be compensated at the onset of the project for the expenses related to bonds and insurance if an invoice from the provider is submitted.
- (b) All cost associated with the supply and maintenance of the office trailer for the Engineer are to be included in this item. The Contractor is required to clean the trailer to the satisfaction of the Engineer on a weekly basis. The trailer shall be a minimum of 20 square meters and shall be equipped as follows:
 - a) the Contractor will provide three (3) approved white hard hats to the site inspector for the specific use of visitors to the site;
 - b) a heating and cooling system capable of maintaining an ambient temperature of 20°C at all times;
 - c) a 100 amp electrical service;
 - d) a telephone connection, a telephone that records a minimum of 25 incoming calls and a fax machine;



- e) a high speed internet connection;
 - f) 4-drawer legal size filing cabinets with a locking mechanism;
 - g) a desk 1.2 m x 1.8 m complete with a desk chair;
 - h) a meeting table 1.2 m x 2.4 m complete with eight chairs;
 - i) a properly maintained in clean condition, suitable and convenient privy or water closet.
- (c) All cost associated with liaising , permit fees, approvals, inspectors, etc. from the various agencies or utility companies are to be included in this item, including costs associated with bracing and/or holding utility poles, supporting bell conduit, relocating bell or gas lines.
- (d) All cost associated with the Contractor's general overhead items not specifically related to any items outlined in the Form of Tender.
- (e) All costs associated with bracing utility poles, locating buried utilities, and any other costs associated with working within the vicinity of all other utilities not listed above.
- (f) All associated costs that are required to complete all items in the contract drawings and specifications that are not specifically listed in any item.

Products

N/A

Execution

- (a) Contractor shall provide a breakdown of the above noted cost for the preconstruction meeting.

Measurement of Payment

Measurement shall be based on a lump sum for the work described above.

Basis for Payment

Payment at the contract price shall be full compensation for all the labour, equipment and material required to do the work.

Submitted To: Corporation of the City of Clarence-Rockland
(Owner)



**1560 Laurier
Client Service Center
Rockland, ON
K4K1P7**

We hereby offer to sell to the City of Clarence-Rockland, hereafter referred to as the City, the Goods and/or Services described in accordance with the Specifications, Terms and Conditions specified set forth herein at the price(s) quoted therefore

Tender Number:	F18-INF-2018-015
Bid Description:	Watermain Looping
Closing Date:	May 04, 2018
Time:	2:00 p.m. Local Time, Rockland, ON

Company Name

I/We the undersigned have read and understand this Bid document, and herewith agree to perform the work required in accordance with the Bid document issued by Procurement Services, at the price(s) listed below:

I/We acknowledge that we have received addenda numbered ___ to ___ inclusive, and the prices submitted include the provisions set out in such addenda.

I/We have enclosed our bid deposit of \$_____.

Bids that do not contain the required Bid Deposit will be declared non-compliant and will be rejected.

Supply and Install: materials, labour, equipment and appurtenance for new watermain along Landry Street from Henri Road to Du Golf Road and Russel Road from Gendron Road to Marcil Road using trenchless technology.

_____/100
Prices are in Canadian dollars, and excluding HST (Dollars in Words to be inserted above)

Dollars (\$_____))
(Dollar numbers to be inserted above)

Work will commence as soon as possible following date of award, and in any event shall / should be completed by _____.

Date of Earliest Commencement of Work upon award _____



The Bidder declares that:

- a) No persons, other than the Bidder, have any interest in this RFT or in the Contract proposed to be entered into.
- b) This Submission is made without any connection, knowledge, comparison of figures, or arrangement with any other person or persons making a Submission for the same work, and is in all respects fair and without collusion or fraud.
- c) The several matters stated in the said Submission are in all respects true.
- d) The Bidder has carefully examined the locality and site of the proposed works, as well as all the RFT Documents, and hereby accepts the same as part and parcel of this Submission, and does as hereby tender and offer to enter into a Contract to do all the work, provide the labor and to provide, furnish, deliver, place and erect all materials mentioned and described or implied therein, including in every case freight, duty, exchange, and all other charges on the terms and conditions, and under the provisions therein set forth, and to accept in full payment therefore in accordance with the schedule of prices hereto annexed, and the Bidder also agrees that this offer is to remain open for acceptance until the formal Contract is executed by the successful Bidder for said work, and that the Owner may at any time without notice accept this Submission whether any other Submission has been previously accepted or not.
- e) The prices offered in this schedule take into account in all respects the cost of execution of the work under all weather conditions and any water level.
- f) In making this Submission for the work and in entering into the Contract, if awarded to this Bidder, the Bidder has investigated for himself the character of the work to be done and all local conditions that might affect this Submission and his acceptance of the work.
- g) The Bidder also declares that in making this Submission, he/she did not and does not rely upon verbal information furnished by the Owner or City representative.
- h) The Bidder acknowledges that the Owner shall have the right to reject any, or all, Tenders for any reason, or to accept any Tender which the Owner in its sole unfettered discretion deems most advantageous to itself.
- i) The Bidder does hereby acknowledge that no damages or liability flow from the inability for a contract to be reached and does hereby release and hold completely harmless the Owner for any costs or damages incurred by the Bidder in preparing a Proposal or discussing/negotiating with the Owner. By submitting a Tender, the Bidder acknowledges the Owner's rights under this section and absolutely waives any right, or cause of action against the Owner and its consultants, by reason of the Owner's failure to accept the Tender submitted by the Bidder, whether such right or cause of action arises in contract, negligence, or otherwise.



- j) The lowest, or any, Tender will not necessarily be accepted and the Owner shall have the unfettered right to:
 - (i) Accept a non-compliant Tender;
 - (ii) Accept a Tender which is not the lowest Tender; and
 - (iii) Reject a Tender that is the lowest Tender even if it is the only Tender received.

- k) The Owner reserves the right to consider, during the evaluation of Tenders;
 - (i) information provided in the Tender document itself;
 - (ii) information provided in response to enquiries of credit and industry references set out in the Tender;
 - (iii) information received in response to enquiries made by the Owner of third parties apart from those disclosed in the Tender in relation to the reputation, reliability, experience and capabilities of the Bidder;
 - (iv) the manner in which the Bidder provides services to others;
 - (v) the experience and qualification of the Bidder's senior management, and project management;
 - (vi) the compliance of the Bidder with the Owner's requirements and specifications; and
 - (vii) innovative approaches proposed by the Bidder in the Tender;
 - (viii) whether the Bidder has been involved in litigation with the Owner during the last sixty (60) months before the date of this RFT.

The Bidder acknowledges that the Owner may rely upon the criteria which the Owner deems relevant, even though such criteria may not have been disclosed to the Bidder

Signed and submitted for and on behalf of:

_____ Company Name		
Address X _____	City _____	Postal Code _____
Signature of Authorized Signing Officer () _____		Print Name, Title _____
Telephone Number () _____	Date _____	
Fax Number _____	Email Address _____	
HST Business Number _____	Payment Terms (E.G. 2%-10 Days, Net 30) _____	

Your completion of this form confirms acceptance of the City of Clarence-Rockland's Standard Terms and Conditions. Bidders who impose restrictions on their bid using a qualifying statement risk having their bid rejected.

**THIS DOCUMENT MUST BE SIGNED AND SUBMITTED TO BE A VALID OFFER OR
THE TENDER WILL BE REJECTED.**



**PRICING SCHEDULE**

The Bidder hereby bids and offers to enter into the Contract referred to and to supply and do all or any part of the Work which is set out or called for in this Bid, at the unit prices, and/or lump sums, hereinafter stated. **The Total Bid amount shall include all costs incurred, excluding taxes.**

The Bidder also understands and accepts that the quantities shown in the Bid Documents are approximate estimates only and are subject to increase, decrease or deletion entirely if found not to be required.

Part A - Russell Road

DESCRIPTION	QTY	UNITS	UNIT PRICE	TOTAL
Removal of existing asphalt	56	SM	\$	\$
19mm Ø watermain service by horizontal directional drilling	300	LM	\$	\$
25mm Ø watermain service by horizontal directional drilling	67	LM	\$	\$
50mm Ø watermain service by horizontal directional drilling	89	LM	\$	\$
150mm Ø watermain service by horizontal directional drilling	19	LM	\$	\$
19mm Ø watermain by open cut	60	LM	\$	\$
25mm Ø watermain by open cut	4	LM	\$	\$
300mm Ø watermain by horizontal directional drilling	4,388	LM	\$	\$
300mm Ø gate valve	13	EACH	\$	\$
Fire hydrant, lead & valve c/w access path	10	EACH	\$	\$
600mm CSP culvert	90	LM	\$	\$
Rip-Rap c/w geotextile	310	SM	\$	\$
Watermain connection to existing	2	EACH	\$	\$
Asphalt road reinstatement	56	SM	\$	\$
Topsoil and seed reinstatement	100	SM	\$	\$
Sediment control measures & environmental protection	1	LS	\$	\$
Traffic control	1	LS	\$	\$
Lump sum for other requirements (Bonding, insurance, permit fees,	1	LS	\$	\$



utility pole bracing/holding, etc.)				
TOTAL PART A				\$

Part B - Landry Street

DESCRIPTION	QTY	UNITS	UNIT PRICE	TOTAL
Removal of existing asphalt	70	SM	\$	\$
Removal of curb and gutter	7	LM	\$	\$
19mm Ø watermain service by horizontal directional drilling	271	LM	\$	\$
25mm Ø watermain service by horizontal directional drilling	47	LM	\$	\$
19mm Ø watermain by open cut	70	LM	\$	\$
250mm Ø watermain by horizontal directional drilling	1,750	LM	\$	\$
250mm Ø gate valve	4	EACH	\$	\$
Fire hydrant, lead & valve c/w access path	4	LM	\$	\$
600mm CSP culvert	14	LM	\$	\$
Rip-Rap c/w geotextile	124	SM	\$	\$
Watermain connection to existing	2	EACH	\$	\$
Curb and gutter reinstatement	7	LM	\$	\$
Asphalt road reinstatement	70	SM	\$	\$
Topsoil and seed reinstatement	50	SM	\$	\$
Sediment control measures & environmental protection	1	LS	\$	\$
Traffic control	1	LS	\$	\$
Lump sum for other requirements (Bonding, insurance, permit fees, utility pole bracing/holding, etc.)	1	LS	\$	\$
TOTAL PART B				\$



Payment Schedule Summary

Total for Part A – Russel Road	\$
Total for Part B – Landry Street	\$
(Transfer to page 75 Bid Submission form) TOTAL	\$
	/100
<i>Insert Dollars in words above</i>	

Prompt Payment Discount:

The City of Clarence-Rockland follows a policy whereby in the absence of prompt payment discount terms, all invoices from vendors will be paid on a Net 30 basis; that is payments will be made by the City within 30 days of receipt of invoice, or the acceptance of the goods and services, whichever date is later.

A Prompt Payment Discount of _____% is offered by the proponent for payment within (15) fifteen working days, following receipt by the City of the invoice, or receipt and acceptance of the goods and services, whichever date is later, in the sole opinion of the City.



PROVISIONAL ITEMS AND QUANTITIES

Items listed in the Bid as “*Provisional Items*”, may or may not be required for completion of the Work called for under the Contract. The necessity for and/or actual quantities of these items will be determined by the City as the work progresses. Should any of these items be required, the Contractor will be compensated on the basis of the unit prices(s) quoted. In the event that any or all of these items are found not to be required, the Contractor may not claim extra payment for loss of anticipated profits or impact costs in relation thereto.





LIST OF SUB-CONTRACTORS

State *OWN FORCES* if a Sub-Contractor is not required for any of the trades listed; otherwise name work and Sub-Contractor proposed to be used.

The City reserves the right to approve all proposed Sub-Contractors and where the City objects to the use of any proposed Sub-Contractor, the Bidder shall use another Sub-Contractor acceptable to the City. Any proposed changes to the approved list of Sub-Contractors subsequent to Contract award shall be subject to the approval of the City.

The successful Bidder may be required to produce a schedule of references for all or any proposed Sub-Contractors.

The successful Bidder shall only use those Sub-Contractors approved by the City and shall be held fully responsible to the City for the acts and omissions of its Sub-Contractors.

<u>TYPE OF WORK</u>	<u>SUB-CONTRACTOR</u>	<u>CONTACT NAME & NUMBER</u>





KEY PERSONNEL

The following is a list of personnel who will actively supervise the work if we are awarded the Contract, with a record of each person’s experience, knowledge and ability. It is understood that the Work will be directed by the listed personnel and that no change can be made without the prior written approval of the City.

<u>NAME/TITLE</u>	<u>QUALIFICATIONS/EXPERIENCE</u>



BIDDER'S EXPERIENCE IN SIMILAR WORK

State other Owners, which have been supplied/serviced by the Bidder within the last *five (5)* years for projects of a scope and nature similar to the project described in this Call for Bids. The awarded Bidder may be required to produce schedule of written references upon request.

The City reserves the right to consider, during the review of Bids, information provided in response to enquiries of references provided by the Bidder; poor reference(s) and/or an unsatisfactory safety record may result in the immediate rejection of the Bidder at the discretion of the City .In addition, any information received in response to enquiries made by the City to third parties apart from those disclosed in the Bid in relation to the reputation, reliability, experience and capabilities of the Bidder may also be considered.

Project Name:	
Company for whom the work was completed:	
On the project did your firm act as: General Contractor Subcontractor	
Value of your portion of the project?	Date of Completion of this project?
Contact Name at the owner's facility:	Contact's Email Address:
Telephone Number with Area Code:	Fax Number with Area Code:

Project Name:	
Company for whom the work was completed:	
On the project did your firm act as: General Contractor Subcontractor	
Value of your portion of the project?	Date of Completion of this project?
Contact Name at the owner's facility:	Contact's Email Address:
Telephone Number with Area Code:	Fax Number with Area Code:

Project Name:	
Company for whom the work was completed:	
On the project did your firm act as: General Contractor Subcontractor	
Value of your portion of the project?	Date of Completion of this project?
Contact Name at the owner's facility:	Contact's Email Address:
Telephone Number with Area Code:	Fax Number with Area Code:

Pursuant to Section 29(1)(a) of the Municipal Freedom of Information Act, I _____, authorize the Corporation of the City of Clarence-Rockland to contact any person(s)/companies, be they listed above or not, for the purpose of obtaining reference information. Any questions regarding the use and/or content of this form should be directed to the Corporation of the City of Clarence-Rockland, – refer to "Communications" contacted listed on page 5.





Ontario Regulation 429/07:
Appendix A – ACCESSIBILITY STANDARDS FOR CUSTOMER SERVICE
TRAINING ACKNOWLEDGEMENT FORM
for Contractors and Third Party Providers to
The Corporation of the City of Clarence-Rockland

Section 6 of Ontario Regulation 429/07 made under the *Accessibility for Ontarians with Disabilities Act, 2005* states that:

6. (1) Every provider of goods or services shall ensure that the following persons receive training about the provision of its goods or services to persons with disabilities:
 1. Every person who deals with members of the public or other third parties on behalf of the provider, whether the person does so as an employee, agent, volunteer or otherwise.
 2. Every person who participates in developing the provider's policies, practices and procedures governing the provision of goods or services to members of the public or other third parties.

We acknowledge and confirm that we are in full compliance with Section 6 of Ontario Regulation 429/07 (Accessibility Standards for Customer Service) made under the *Accessibility for Ontarians with Disabilities Act, 2005*. We confirm that all employees, agents, volunteers, or others for whom we are at law responsible who are required to receive training under the Act have completed the training available at <http://www.mcsc.gov.on.ca/mcsc/serve-ability/splash.html>. We will provide to the City any further documentation that confirms this training upon the request of the City.

We will indemnify the City from and against any costs, expenses, fines, penalties, damages or losses that the City incurs or suffers as a result of our failure to comply with the Act.

 Name of Contractor or Third Party Provider

 Signature of Authorized Signing Officer

 Printed Name of Person Above

 Date





THE CORPORATION OF THE CITY OF CLARENCE-ROCKLAND

Appendix B – NOTICE OF “NO BID”

It is important that the City of Clarence-Rockland receive a reply from all bidders. Although there is no obligation to submit a Bid, should you choose not to, your completion of this form will assist us in continually improving our Bid Process. Please complete the following by checking off the appropriate statement(s) including your additional comments and fax to Procurement Services at 613-446-1497 prior to the closing time and date indicated in the bid package.

- 1. We do not supply this product(s) or service. _____
- 2. We cannot supply to the specification _____
- 3. Unable to quote competitively _____
- 4. Cannot bid due to present work load _____
- 5. Quantity is too large _____ too small _____
- 6. Unable to meet delivery/completion requirements _____
- 7. Patent or licensing restrictions _____

Other reasons/additional comments:

Do you wish to bid on these goods/services in the future? Yes_____ No_____

Company_____

Address:_____

Phone:_____ Fax:_____

Signature:_____ Title:_____

Name:_____ Date:_____

(Print)





Appendix C – CONTRACTOR / VENDOR PERFORMANCE EVALUATION



**City of Clarence-Rockland
VENDOR PERFORMANCE MANAGEMENT
CONTRACTOR EVALUATION**

copy of the completed evaluation should be placed in the project file and sent to the VPM Coordinator.

City Project Manager		Contract #	
Evaluation Type (please select one)			
Interim <input type="checkbox"/>		Final <input checked="" type="checkbox"/>	
Vendor Name		Vendor Project Manager	
Vendor Site Superintendent		Vendor Project Team/Subcontractors	
Project Completion Date		VPM Debriefing Date	
City Representatives in Attendance (at debriefing)		Vendor Representatives in Attendance (at debriefing)	

Performance Indicator - Weighting: 15	Description	(X)	Points	Rating	Comments
1. PROJECT MANAGER (How well the Contractor managed the project in regards to scope, schedule, budget, and risk. Was the Contractor project manager organized, prompt and did they communicate with City staff and the Contract Administrator effectively and in a timely manner, both verbally and in writing? Were documents submitted on time? Did the project manager	100 % Outstanding Project Management - above normal standard.		15.00	0.00	
	85% Appropriate Project Management that exceeds normal standard in some areas; no significant problems with project management.		12.75		





communicate and manage his staff and Sub-Contractors effectively? Did the project manager deal with city staff and the CA in a respectful and professional manner? Were issues dealt with quickly and efficiently in consultation with the project team?)	70%	Satisfactory Project Management. Most project management tasks were performed according to industry standard.		10.50		
	50%	Many issues with Project Management that impacted scope, schedule and/or budget. Several communication problems.		7.50		
	25%	Serious Project Management problems that negatively affected the overall Project. Poor communication		3.75		

Performance Indicator - Weighting: 10	Description	(X)	Points	Rating	Comments	
2. SUPERVISION (The extent to which the Site Supervisor managed the site. Did the site super have a thorough understanding of the construction drawings and specs? Did the site super maintain good records on site including site instructions, change notices, as-builts? Did the site super provide good supervision to staff and sub-contractors? Was the work on site done efficiently according to the project schedule? Was the site super respectful and professional in dealing with city staff and consultants? Did the site super coordinate the required inspections?)	100%	Outstanding supervision of site. Proactive approach to project and timely issue management.		10	0.00	
	85%	Consistent, qualified and coordinated supervision. Issue management completed in a timely and appropriate fashion.		8.5		
	70%	Satisfactory supervision with some issues. Issues were corrected in a reasonable time frame.		7		
	50%	Supervision of site needs improvement. Inconsistency in approach; slow to respond to identified issues. Negatively impacted project scope, schedule and/or budget.		5		
	25%	Multiple interventions required to bring supervision to adequate level. Unresponsive to identified issues. Ignored project scope, schedule and/or budget.		2.5		

Performance Indicator - Weighting: 15	Description	(X)	Points	Rating	Comments	
3. QUALITY (Finished product meets the defined standards for quality assurance in Contract Specifications; product delivered within project scope and in expected condition; Very few deficiencies were noted during site inspections; deficiencies were corrected promptly)	100%	Above average to extraordinary workmanship;		15.00	0.00	
	85%	Some areas exceed normal standard and expectations; remainder of items delivered satisfactorily.		12.75		
	70%	Acceptable workmanship; Average number (Less than 10% of the items) of deficiencies for project type.		10.50		



50%	Below average workmanship. Above average number (Between 10% and 30% of the items) of deficiencies.		7.50		
25%	Poor workmanship. Numerous deficiencies. (More than 30% of the items)		3.75		

Performance Indicator - Weighting: 15		Description	(X)	Points	Rating	Comments
<p>4. HEALTH AND SAFETY (Contractor submits an appropriate Health and Safety Plan, and ensures adequate and proper safety procedures followed. Adequate safety fencing. Traffic control meeting specified standards. Adherence to Ministry of Labor standards. Notice of Project is posted in site trailer. Regular lunchbox meetings are held with workers and minutes recorded. Site is clean, adequate housekeeping. Equipment is in good working condition. Site is safely accessible by all.)</p>	100 %	Outstanding Health and Safety; exceeds OHSA standard.		15.00	0.00	
	85%	Commendable Health and Safety; meets OHSA standard and exceeds in some areas.		12.75		
	70%	Acceptable Health and Safety; meets OHSA standard.		10.50		
	50%	Multiple Health and Safety concerns. Several items not meeting OHSA standard(s).		7.50		
	25%	Significant Health and Safety concerns identified; Little to no effort made by Contractor to meet OHSA standard(s).		3.75		

Performance Indicator - Weighting: 10		Description	(X)	Points	Rating	Comments
<p>5. CO-OPERATION, COMMUNICATION, AND PUBLIC/CLIENT RELATIONS (Degree of co-operation with City project manager, city officials, consultants, inspectors, public utilities, and other agencies. Contractor's consideration of and communication with general public, motorists, residents, and community associations. Professional verbal and written communication)</p>	100 %	Co-operative and proactive response to City and resident concerns. Innovative communications with public and/or City staff.		10	0.00	
	85%	Co-operative and timely response to City and resident concerns. At times, communication exceeds expected standard.		8.5		
	70%	Satisfactory response to City and resident concerns; Contractor involved in developing solutions and ensures prompt and appropriate action.		7		
	50%	Public/Client Relations needs improvement. Management of issues slow and inconsistent. Communications with public and City have minor issues.		5		



	25%	Unacceptable Public/Client Relations; Issue Management is slow, inconsistent, uncooperative. Communication(s) with the public and City are strained.		2.5		
--	-----	--	--	-----	--	--

Performance Indicator - Weighting: 10		Description	(X)	Points	Rating	Comments
<p>6. COST CONTROL (Project delivered within budget. Invoices presented in a clear manner and submitted on time. Change Notices reasonably priced, with appropriate breakdown and backup, and submitted in a timely manner. Contractor is proactive in reviewing the drawings and site conditions to mitigate certain changes. No unwarranted claims submitted.)</p>	100%	Outstanding cost control. Reasonable pricing on Change Orders and Extra Work and processed in an expedited manner.		10	0.00	
	85%	Cost Control was consistent and exceeded expectations on some occasions. Change Orders and Extra Work were priced fairly and processed efficiently.		8.5		
	70%	Consistent and fair pricing on Change Orders and Extra Work. Prompt receipt of Change Orders.		7		
	50%	Inconsistent and/or unfair pricing on Change Orders and Extra Work. Change Orders priced and received in a reasonable time.		5		
	25%	Multiple occasions of inconsistent and/or unfair pricing on Change Orders and Extra Work. Change Orders processed slowly.		2.5		

Performance Indicator - Weighting: 10		Description	(X)	Points	Rating	Comments
<p>7. SITE MANAGEMENT (Site is clean, accessible and safe. Degree of care taken when handling and storing materials, where applicable. Material storage area is fenced from the public. Site trailer is in good condition and adequate for its purpose (site super work area, drawing table, meeting area, etc.). Minimal to no adverse impact on ongoing facility operations, including timely isolation requests, where applicable. Traffic Control plan meets project requirements. Adherence to Contract provisions and restrictions.)</p>	100%	Outstanding site management; site is clean, accessible and traversable by all transportation modes at all times.		10	0.00	
	85%	Minimal direction from City required in regards to Site Management; Issues resolved promptly and to standard.		8.5		
	70%	Satisfactory Site Management; Some instances of site not being tidy, accessibility issues and/or improper equipment storage. Issues resolved to standard.		7		



50%	Site Management needs improvement. Multiple instances of site accessibility issues, site not being tidy and/or improper equipment storage. Some instances of issues not brought to satisfactory resolution.		5	
25%	Considerable delay(s), public and/or operations inconvenienced; site not accessible; multiple directions and pressure exerted by City and issues not brought to satisfactory resolution. Multiple infractions of Contract provisions and restrictions.		2.5	

Performance Indicator - Weighting: 15		Description	(X)	Points	Rating	Comments
8. SCHEDULE MANAGEMENT(Amount of effort required in order to deliver the project on time. Contractor worked in an efficient manner. Subcontractors hired on time. Shop drawings submitted expeditiously. Supplies and materials ordered on time. Permits obtained on time. Contractor submitted a detailed project schedule in gantt format prior to project start, and updated on a regular basis. Contractor provided 3-week look ahead schedules during construction)	100 %	Delivered ahead of schedule		15.00	0.00	
	85%	Delivered on schedule		12.75		
	70%	Delivered on schedule with significant effort required by Contractor, and some cases city staff, to achieve timelines		10.50		
	50%	Schedule slippage but some effort made by Contractor to try to achieve timelines		7.50		
	25%	Schedule slippage; little to no effort made by Contractor to achieve project timelines		3.75		
FINAL CONTRACTOR RATING %					0.00%	

Overall Comments

Rating Guide	
Outstanding	90-100
Commendable	80-89
Satisfactory	70-79
Needs Improvement	50-69
Not Acceptable	<49

Signature - City Representative	Date



Appendix D – Agreement to Bond
AGREEMENT TO BOND

We, the undersigned, hereby agree to become bound as Surety for

(Name of Contractor)

in bonding totalling fifty percent (50%) of the Contract amount, and conforming to the Instruments of the Contract Attached hereto, for the full and due performance and maintenance of the works shown as described herein, if the Tender for Contract No. F18-INF-2018-015 is accepted by the Corporation of the City of Clarence-Rockland

It is a condition of this agreement that, if the above mentioned Tender is accepted, application for the required Performance Bond shall be made to the undersigned within ten (10) days of acceptance of the Tender related thereto, otherwise this Agreement shall be null and void.

Dated this _____ day of _____, 2018.

(Company Seal)

Name of Bonding Company

Signature of Authorized Person
Signing For Bonding Company

Position



Appendix E – COURTESY LABEL

From:



BID SUBMISSION
Tender Number F18-INF-2018-015
(WATERMAIN LOOPING)

TO: THE CORPORATION OF THE CITY OF CLARENCE-ROCKLAND

1560 Laurier
Client Service Center
Rockland, ON
K4K1P7

CLOSING DEADLINE – no later than 2:00 P.M., Apr 18, 2018

