



THE CITY OF WINNIPEG

REQUEST FOR PROPOSAL

RFP NO. 578-2010

**REQUEST FOR PROPOSAL FOR PROFESSIONAL CONSULTING ENGINEERING
SERVICES FOR 2010 WASTEWATER SEWER RENEWALS AND REPAIRS - CONTRACT 16**

Proposals shall be submitted to:

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

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 REQUEST FOR PROPOSAL FOR PROFESSIONAL CONSULTING ENGINEERING SERVICES FOR 2010 WASTEWATER SEWER RENEWALS AND REPAIRS - CONTRACT 16

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time August 18, 2010.
- B2.2 Proposals determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.
- B2.3 The Project Manager or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

- B3.1 All enquiries shall be directed to the Project Manager identified in D2.
- B3.2 If the Proponent finds errors, discrepancies or omissions in the Request for Proposal (RFP), or is unsure of the meaning or intent of any provision therein, the Proponent shall promptly notify the Project Manager of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.
- B3.3 If the Proponent is unsure of the meaning or intent of any provision therein, the Proponent should request clarification as to the meaning or intent prior to the Submission Deadline.
- B3.4 Responses to enquiries which, in the sole judgment of the Project Manager, require a correction to or a clarification of the RFP will be provided by the Project Manager to all Proponents by issuing an addendum.
- B3.5 Responses to enquiries which, in the sole judgment of the Project Manager, do not require a correction to or a clarification of the RFP will be provided by the Project Manager only to the Proponent who made the enquiry.
- B3.6 The Proponent shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Project Manager in writing.
- B3.7 Proponents questions will be placed in two different categories:
- (a) General Proponent Questions;
 - (b) Confidential Questions.
- B3.7.1 Proponents must submit their questions in writing in accordance B5.1. Questions not marked "Confidential" will be considered "General".
- B3.7.2 The Project Manager may determine that a "Confidential" question requires clarification to all Proponents. In that case, the Project Manager will notify the Proponent who submitted the question and request that they revise the "Confidential" label to read "General". If the question remains "Confidential", the Project Manager reserves the right to not provide an answer.
- B3.7.3 Questions in B3.7(a) will be answered by Addenda. Questions in B3.7(b) will be answered, in writing, to the Proponent that issued the Question.
- B3.8 Proponents shall submit questions to the Project Manager at least five (5) Business Days prior to the Submission Deadline.

B3.9 The Project Manager will issue each Addendum in accordance with B5.2.

B4. CONFIDENTIALITY

B4.1 Information provided to a Proponent by the City or acquired by a Proponent by way of further enquiries or through investigation is confidential. Such information shall not be used or disclosed in any way without the prior written authorization of the Project Manager. The use and disclosure of the confidential information shall not apply to information which:

- (a) was known to the Proponent before receipt hereof; or
- (b) becomes publicly known other than through the Proponent; or
- (c) is disclosed pursuant to the requirements of a governmental authority or judicial order.

B4.2 The Proponent shall not make any statement of fact or opinion regarding any aspect of the Request for Proposals to the media or any member of the public without the prior written authorization of the Project Manager.

B5. ADDENDA

B5.1 The Project Manager may, at any time prior to the Submission Deadline, issue addenda correcting errors, discrepancies or omissions in the Request for Proposal, or clarifying the meaning or intent of any provision therein.

B5.2 The Project Manager will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.

B5.2.1 Addenda will be issued to Proponents by facsimile and/or email.

B5.3 The Proponent shall acknowledge receipt of each addendum in Paragraph 9 of Form A: Proposal. Failure to acknowledge receipt of an addendum may render a Proposal non-responsive.

B5.4 Proponents are entirely responsible for disseminating information regarding Addenda to any person(s) involved in this Project.

B6. PROPOSAL SUBMISSION

B6.1 The Proposal shall consist of the following components:

- (a) Form A: Proposal (B7);
- (b) Fees (B8);

B6.2 The Proposal should also consist of the following components:

- (a) Experience of Proponent and Key Personnel (B9);
- (b) Technical Proposal(B10);
- (c) Management Proposal (B11); and
- (d) Project Schedule (B12).

B6.3 Further to B6.1, all components of the Proposal shall be fully completed or provided in the order indicated, and submitted by the Proponent no later than the Submission Deadline, with all required entries made clearly and completely, to constitute a responsive Proposal.

B6.4 Further to B6.2, all components of the Proposal should be fully completed or provided in the order indicated, and submitted by the Proponent no later than the Submission Deadline, with all required entries made clearly and completely, to constitute a responsive Proposal.

- B6.5 Proponents should submit one (1) unbound original (marked "original") and six (6) copies for sections identified in B6.1 and B6.2.
- B6.6 Proposal format, including type of binding, number of pages, size of pages and, font, etc., will not be regulated, except that the Proposal should be presented in the Sections identified above. Proponents are encouraged to use their creativity to submit a Proposal which provides the requested information for evaluation and other information which illustrates the strength of their team.
- B6.7 Further to B6.6, the Proposal should be less than 25 pages.
- B6.8 Proponents are advised that inclusion of terms and conditions inconsistent with the Request for Proposal, will be evaluated in accordance with B19.1(a).
- B6.9 The Proposal shall be submitted enclosed and sealed in an envelope/package clearly marked with the RFP number and the Proponent's name and address.
- B6.10 Proposals submitted by facsimile transmission (fax) or internet electronic mail (e-mail) will not be accepted.
- B6.11 Proposals shall be submitted to:
The City of Winnipeg
Corporate Finance Department
Materials Management Division
185 King Street, Main Floor
Winnipeg MB R3B 1J1
- B6.12 Any cost or expense incurred by the Proponent that is associated with the preparation of the Proposal shall be borne solely by the Proponent.

B7. PROPOSAL (SECTION A)

- B7.1 The Proponent shall complete Form A: Proposal, making all required entries.
- B7.2 Paragraph 2 of Form A: Proposal shall be completed in accordance with the following requirements:
- (a) if the Proponent is a sole proprietor carrying on business in his own name, his name shall be inserted;
 - (b) if the Proponent is a partnership, the full name of the partnership shall be inserted;
 - (c) if the Proponent is a corporation, the full name of the corporation shall be inserted;
 - (d) if the Proponent is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.
- B7.2.1 If a Proposal is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.
- B7.3 In Paragraph 3 of Form A: Proposal, the Proponent shall identify a contact person who is authorized to represent the Proponent for purposes of the Proposal.
- B7.4 Paragraph 11 of Form A: Proposal shall be signed in accordance with the following requirements:
- (a) if the Proponent is a sole proprietor carrying on business in his own name, it shall be signed by the Proponent;
 - (b) if the Proponent is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;

- (c) if the Proponent is a corporation, it shall be signed by its duly authorized officer or officers and the corporate seal, if the corporation has one, should be affixed;
- (d) if the Proponent is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.

B7.4.1 The name and official capacity of all individuals signing Form A: Proposal should be printed below such signatures.

B7.5 If a Proposal is submitted jointly by two or more persons, the word "Proponent" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Proponents in the Proposal and the Contract, when awarded, shall be both joint and several.

B8. FEES (SECTION B)

B8.1 The Proposal shall include a Fixed Fee for all disciplines, identified and necessary, for each Scope of Service phase of the Project, which include:

- (a) Preliminary Engineering;
- (b) Design and Specification Development;
- (c) Contract Document Preparation
- (d) Procurement Process;
- (e) Non Resident Construction Services; and
- (f) Record Drawings.

B8.2 The proposal shall include fees based on a Time Basis for resident services. Time Based fees shall be based on providing one full time Inspector during the course of the work. For proposal purposes these fees should be based on sixty (60) working days to Substantial Performance. The proposed fee should include allowance for disbursements, including vehicle, electronic communication, etc. The actual working days will be established at time of tender will be with the consultation and concurrence of the Department.

- (a) The time Based Fee proposal shall include time estimates and hourly billing rates for each person assigned to the project.

B8.2.1 Adjustments to the Fixed Fee will only be considered based on increases to the Scope of Services.

B8.2.2 The City will not consider an adjustment to the Fixed Fee based on changes in the Project budget.

B8.3 Details of the Scope of Services are provided under D4 and Part E "Scope Of Services".

B8.3.1 Notwithstanding C1.1(c), the Fixed Fee shall include costs for out of town travel, related meals and accommodations for the duration of the Project and shall not be considered an Allowable Disbursement.

B8.4 The Fee Proposal shall also include an allowance for Allowable Disbursements as defined in C1.1(c), but shall exclude the costs of any materials testing's, soils and hazardous materials investigations during construction.

B8.5 All interpretations and assumptions related to the payment of fees and disbursements are to be identified in the Fee Proposal.

B8.6 Notwithstanding C10.1, Fees submitted shall not include the Goods and Services Tax (GST) or Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable.

B8.7 Payments to Non-Resident Consultants are subject to Non-Resident Withholding Tax pursuant to the Income Tax Act (Canada).

B9. EXPERIENCE OF PROPONENT AND KEY PERSONNEL (SECTION C)

- B9.1 Proposals should include general firm profile information, including years in business, average volume of work, number of employees and other pertinent information for the Proponent and all Sub-Consultants.
- B9.2 Proposals should include details demonstrating the Proponents and Sub-Consultants experience relating to the scope of work identified for this project.
- B9.3 Submit the experience and qualifications of the Key Personnel assigned to the Project. Include educational background and degrees, professional recognition, job title, years of experience in current position, years of experience in design and construction, and years of experience with existing employer.
- B9.4 Roles of each of the key participants in the Project should be identified in the organizational chart referred to in B11.2(c).

B10. TECHNICAL PROPOSAL (SECTION D)

- B10.1 The Technical Proposal should address the deliverables and associated task requirements required by the Scope of work. It should clearly identify and explain work activities and identify all assumptions and interpretations.
- B10.2 The Technical Proposal should describe:
- (a) the Proponents understanding of the Project;
 - (b) the Proponents approach and methodology to complete the work;
 - (c) any innovation to be used to perform the services;
 - (d) any activities and services to be provided by the City;
 - (e) the deliverables of the Project.

B11. MANAGEMENT PROPOSAL (SECTION E)

- B11.1 Describe your firm's project management approach and team organization during the performance of Services, so that the evaluation committee has a clear understanding of the methods the Proponent will use in the delivery of this Project.
- B11.2 Methodology should identify:
- (a) job function for each identified individual and group of individuals so identified;
 - (b) time estimates by work activity and in total for each identified individual;
 - (c) an organizational chart for the Project.

B12. PROJECT SCHEDULE (SECTION F)

- B12.1 Proponents should present a carefully considered Project schedule using Microsoft Project or similar Project management software, complete with resource assignments (key designers), durations (weekly timescale) and milestone dates or events. The schedule should address each phase of the Consultant Scope of Services.
- B12.2 The Proponent's schedule should include critical dates for review and approval processes by the City and other organizations anticipated during the design and tendering phases of the Project. Reasonable times should be allowed for completion of these processes.

B13. QUALIFICATION

- B13.1 The Proponent shall:

- (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Proponent does not carry on business in Manitoba, in the jurisdiction where the Proponent does carry on business; and
 - (b) be financially capable of carrying out the terms of the Contract; and
 - (c) have all the necessary experience, capital, organization, and equipment to perform the Services in strict accordance with the terms and provisions of the Contract;
 - (d) have or establish and staff an office in Winnipeg for the duration of the Project.
- B13.2 The Proponent and any proposed Subconsultant (for the portion of the Services proposed to be subcontracted to them) shall:
- (a) be responsible and not be suspended, debarred or in default of any obligations to the City. A list of suspended or debarred individuals and companies is available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <http://www.winnipeg.ca/matmgt/debar.stm>
- B13.3 The Proponent and/or any proposed Subconsultant (for the portion of the Services proposed to be subcontracted to them) shall:
- (a) have successfully carried out services design; management of construction and contract administration for projects of similar complexity, scope and value; and to those required for this Project; and
 - (b) be fully capable of performing the Services required to be in strict accordance with the terms and provisions of the Contract; and
 - (c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba); and
 - (d) have the knowledge and resources to administer the requirements of The Workplace Safety and Health Act (Manitoba) during the construction works associated with this Contract;
 - (e) undertake to meet all licensing and regulatory requirements of the appropriate governing authorities and associations in the Province of Manitoba.
- B13.4 The Proponent shall submit, within three (3) Business Days of a request by the Project Manager, further proof satisfactory to the Project Manager of the qualifications of the Proponent and of any proposed Subconsultant.
- B13.5 The Proponent shall provide, on the request of the Project Manager, full access to any of the Proponent's equipment and facilities to confirm, to the Project Manager's satisfaction, that the Proponent's equipment and facilities are adequate to perform the Services.
- B14. OPENING OF PROPOSALS AND RELEASE OF INFORMATION**
- B14.1 Proposals will not be opened publicly.
- B14.2 After the award of Contract, the name of the successful Proponent will be provided to Proponents who have submitted a Proposal.
- B14.3 To the extent permitted, the City shall treat all Proposal Submissions as confidential. However, the Proponent is advised that any information contained in any Proposal may be released if required by City policy or procedures, by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law.
- B14.4 Following the award of Contract, a Proponent will be provided with information related to the evaluation of his submission upon written request to the Project Manager.

B15. IRREVOCABLE OFFER

- B15.1 The Proposal(s) submitted by the Proponent shall be irrevocable for the time period specified in Paragraph 10 of Form A: Proposal.
- B15.2 The acceptance by the City of any Proposal shall not release the Proposals of the other responsive Proponents and these Proponents shall be bound by their offers on such Services until a Contract for the Services has been duly executed as herein provided, but any offer shall be deemed to have lapsed unless accepted within the time period specified in Paragraph 10 of Form A: Proposal.

B16. WITHDRAWAL OF OFFERS

- B16.1 A Proponent may withdraw his Proposal without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.
- B16.1.1 The time and date of receipt of any notice withdrawing a Proposal shall be the time and date of receipt as determined by the Manager of Materials.
- B16.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Proposal or the Proponent's authorized representatives named in Paragraph 11 of Form A: Proposal, and only such person, has authority to give notice of withdrawal.
- B16.1.3 If a Proponent gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
- (a) retain the Proposal until after the Submission Deadline has elapsed;
 - (b) open the Proposal to identify the contact person named in Paragraph 3 of Form A: Proposal and the Proponent's authorized representatives named in Paragraph 11 of Form A: Proposal; and
 - (c) if the notice has been given by any one of the persons specified in B16.1.3(b), declare the Proposal withdrawn.
- B16.2 A Proponent who withdraws his Proposal after the Submission Deadline but before his offer has been released or has lapsed as provided for in B15.2 shall be liable for such damages as are imposed upon the Proponent by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B17. INTERVIEWS

- B17.1 The Project Manager may, in his sole discretion, interview Proponents during the evaluation process.

B18. NEGOTIATIONS

- B18.1 The City reserves the right to negotiate details of the Contract with any Proponent. Proponents are advised to present their best offer, not a starting point for negotiations in their Proposal Submission.
- B18.2 The City may negotiate with the Proponents submitting, in the City's opinion, the most advantageous Proposals. The City may enter into negotiations with one or more Proponents without being obligated to offer the same opportunity to any other Proponents. Negotiations may be concurrent and will involve each Proponent individually. The City shall incur no liability to any Proponent as a result of such negotiations.
- B18.3 If, in the course of negotiations pursuant to B18.2 or otherwise, the Proponent amends or modifies a Proposal after the Submission Deadline, the City may consider the amended Proposal as an alternative to the Proposal already submitted without releasing the Proponent from the Proposal as originally submitted.

B19. EVALUATION OF PROPOSALS

B19.1 Award of the Contract shall be based on the following evaluation criteria:

- (a) compliance by the Proponent with the requirements of the Request for Proposal or acceptable deviation there from: (pass/fail)
- (b) qualifications of the Proponent and the Subconsultants, if any, pursuant to B13: (pass/fail)
- (c) Fees; 10%
- (d) Experience of Proponent and Key Personnel; 30%
- (e) Technical Proposal; 40%
- (f) Management Proposal; 15%
- (g) Project Schedule; 5%

B19.2 Further to B19.1(a), the Award Authority may reject a Proposal as being non-responsive if the Proposal Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Proposal, or waive technical requirements or minor informalities or irregularities if the interests of the City so require.

B19.3 Further to B19.1(b), the Award Authority shall reject any Proposal submitted by a Proponent who does not demonstrate, in his Proposal or in other information required to be submitted, that he is responsible and qualified.

B19.4 Further to B19.1(c), Fees will be evaluated as a percentage of the lowest bid.

B19.5 Further to B19.1(d), Experience of Proponent and Subconsultants and Key Personnel will be evaluated based on the experience on past relevant projects similar size complexity described in the Proponents Proposal.

B19.6 Further to B19.1(e), the Technical proposal will be evaluated based on project understanding and proposed methodology.

B19.7 Further to B19.1(f), the Management proposal will be evaluated based on overall staff allocation, and degree of involvement of Key personnel.

B19.8 Further to B19.1(g), Project Schedule will be evaluated based on a subjective evaluation of its completeness and achievability.

B19.9 Where Proponents fail to provide responses to B6.2, the score of zero or fail will be assigned to that Section.

B20. AWARD OF CONTRACT

B20.1 The City will give notice of the award of the Contract, or will give notice that no award will be made.

B20.2 The City will have no obligation to award a Contract to a Proponent, even though one or all of the Proponents are determined to be responsible and qualified, and the Proposals are determined to be responsive.

B20.2.1 Without limiting the generality of B20.2, the City will have no obligation to award a Contract where:

- (a) the prices exceed the available City funds for the Services;
- (b) the prices are materially in excess of the prices received for similar services in the past;
- (c) the prices are materially in excess of the City's cost to perform the Services, or a significant portion thereof, with its own forces;

- (d) only one Proposal is received; or
- (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.

B20.3 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Proponent submitting the most advantageous offer.

B20.4 The form of Contract with the City of Winnipeg will be based on the Contract as defined in C1.1(n).

B20.5 Following the award of contract, a Proponent will be provided with information related to the evaluation of his Proposal upon written request to the Project Manager.

B20.5.1 The City may, at its discretion, award the Contract in phases.

B20.6 If, after the award of Contract, the Project is cancelled, the City reserves the right to terminate the Contract. The Consultant will be paid for all Services rendered up to time of termination.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for Consultant Services* (Revision 2010/06/18) are applicable to the Services of the Contract.
- C0.1.1 The *General Conditions for Consultant Services* are attached as Appendix A.
- C0.2 A reference in the Request for Proposal to a section, clause or subclause with the prefix “**C**” designates a section, clause or subclause in the *General Conditions for Consultant Services*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1 In addition to the *General Conditions for Consultant Services*, these Supplemental Conditions are applicable to the Services of the Contract.

D2. PROJECT MANAGER

D2.1 The Project Manager is:

K. Zurek, P. Eng.

Design and Construction Engineer

Email: kzurek@winnipeg.ca

Telephone No. (204) 986-2025

Facsimile No. (204) 986-5345

D2.2 All correspondence or contact by Proponents with the City in respect of this RFP must be directly and only with the City's Project Manager. Failure to restrict correspondence and contact to the Project Manager may result in the rejection of the Proponents Proposal Submission.

D2.3 At the pre-commencement meeting, the Project Manager will identify additional personnel representing the Project Manager and their respective roles and responsibilities for the Services.

D3. BACKGROUND

D3.1 The wastewater sewers and manholes in this assignment were cleaned and televised in 2009 and the work assigned is based on a preliminary assessment of those sewer inspections.

D4. SCOPE OF SERVICES

D4.1 To provide detailed engineering design, procurement, contract administration, and post construction services for;

(a) The renewal of waste water sewers at locations identified in Table A of Appendix B.

(b) The repair of waste water sewers at locations identified in Table B of Appendix B.

D5. AUTHORITY TO CARRY ON BUSINESS

D5.1 The Consultant shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Consultant does not carry on business in Manitoba, in the jurisdiction where the Consultant does carry on business, throughout the term of the Contract, and shall provide the Project Manager with evidence thereof upon request.

D6. INSURANCE

D6.1 The Consultant shall procure and maintain, at its own expense and cost, insurance policies with limits no less than those shown below.

- D6.2 As a minimum, the Consultant shall, without limiting its obligations or liabilities under any other contract with the City, procure and maintain, at its own expense and cost, the following insurance policies:
- (a) Comprehensive or Commercial General Liability Insurance including:
 - (i) an inclusive limit of not less than \$2,000,000 for each occurrence or accident with a minimum \$2,000,000 Products and Completed Operations aggregate and \$5,000,000 general aggregate;
 - (ii) all sums which the Consultant shall become legally obligated to pay for damages because of bodily injury (including death at any time resulting therefrom) sustained by any person or persons or because of damage to or destruction of property caused by an occurrence or accident arising out of or related to the Service or any operations carried on in connection with this Contract;
 - (iii) coverage for Products/Completed Operations, Blanket Contractual, Contractor's Protective, Personal Injury, Contingent Employer's Liability, Broad Form Property Damage, Employees as Additional Insureds, and Non-Owned Automobile Liability;
 - (iv) a Cross Liability clause and/or Severability of Interest Clause providing that the inclusion of more than one Insured shall not in any way affect the rights of any other Insured hereunder in respect to any claim, demand, suit or judgment made against any other Insured;
 - (v) if applicable, Automobile Liability Insurance covering all motor vehicles, owned and operated and used or to be used by the Consultant directly or indirectly in the performance of the Service. The Limit of Liability shall not be less than \$2,000,000 inclusive for loss or damage including personal injuries and death resulting from any one accident or occurrence.
 - (b) Professional Errors and Omissions Liability Insurance including:
 - (i) an amount not less than 5,000,000 per claim and 5,000,000 in the aggregate.
- D6.2.1 The Consultant's Professional Errors and Omissions Liability Insurance shall remain in force for the duration of the Project and for twelve (12) months after total performance.
- D6.3 The policies required by section D6.2 above shall provide that the City is named as an Additional Insured thereunder and that said policies are primary without any right of contribution from any insurance otherwise maintained by the City.
- D6.4 The Consultant shall require each of its Subconsultants to provide comparable insurance to that set forth under section D6.2(a) and D6.2(b).
- D6.5 The Consultant shall provide the Project Manager with a certificate(s) of insurance for itself and for all of its Subconsultants, in a form satisfactory to the City Solicitor, at least two (2) Business Days prior to the commencement of any Service, but in no event later than the date specified in C4.1 for the return of the executed Contract. Such Certificates shall state the exact description of the Service and provide for written notice in accordance with D6.10.
- D6.6 The Consultant may take out such additional insurance, as it may consider necessary and desirable. All such additional insurance shall be at no expense to the City.
- D6.7 All insurance, which the Consultant is required to obtain with respect to this contract, shall be with insurance companies registered in and licensed to underwrite such insurance in the province of Manitoba.
- D6.8 If the Consultant fails to do all or anything which is required of it with regard to insurance, the City may do all that is necessary to affect and maintain such insurance, and any monies expended by the City shall be repayable by and recovered from the Consultant.
- D6.9 The failure or refusal to pay losses by any insurance company providing insurance on behalf of the Consultant or any Subconsultants shall not be held to waive or release the Consultant or Subconsultants from any of the provisions of the insurance requirements or this Contract. Any insurance deductible maintained by the Consultant or any Subconsultants under any of the

insurance policies is solely for their account and any such amount incurred by the City will be recovered from the Consultant as stated in D6.8.

- D6.10 The Consultant shall not cancel, materially alter, or cause any policy to lapse without providing at least thirty (30) Calendar Days prior written notice to the City.

SCHEDULE OF SERVICES

D7. COMMENCEMENT

- D7.1 The Consultant shall not commence any Services until he is in receipt of a notice of award from the City authorizing the commencement of the Services.
- D7.2 The Consultant shall not commence any Services until:
- (a) the Project Manager has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D5;
 - (ii) evidence of the insurance specified in D6;
 - (b) the Consultant has attended a meeting with the Project Manager, or the Project Manager has waived the requirement for a meeting.

D8. CRITICAL STAGES

- D8.1 The Consultant shall achieve critical stages of the Services, for this Contract, in accordance with the following requirements:
- (a) That Total performance of the Construction Contract be achieved no later than June 15, 2011;
 - (b) That post construction record drawing be submitted by August 15, 2011.

PART E - SCOPE OF SERVICES

E1. DESIGN SERVICES

E1.1 Orientation Meeting

- (a) Attend a mandatory meeting with the Design and Construction Branch of the Department to review project expectations and limits.

E1.2 Definitions

- (a) Type 5 Sewer Renewal – A full segment sewer replacement between manholes.
- (b) Type 6 Sewer Repair – An isolated on line sewer repair of limited length.

E1.3 Preliminary Survey

- (a) Type 5 Sewer Renewals require a complete preliminary survey for each location.
- (b) Type 6 Sewer Repairs require that rim and invert elevations will need to be confirmed.

E1.4 Pre Design Review and Inspection

(a) Sewer Renewals

The video inspections and inspection reports for this assignment must be reviewed to confirm and verify the type and extent of work required (if any) to renew/renovate/repair the sewers listed in this assignment. Personnel reviewing the inspection and reports must have experience in evaluating sewer rehabilitation methods and techniques. The Sewer Maintenance System (SMS) data as well as the video inspections and inspection reports will be provided to the Consultant by the Department.

There may be changes or revisions to the assigned work as a result of the detailed inspection/verification review and locations may be deleted or added to the assigned program as required.

E1.5 Design Services – General

- (a) Design to consider alignment, depth, method of construction and other special construction features of the sewers
- (b) Review the impact to existing traffic patterns and determine an appropriate Traffic Management Plan with the approval of the Transportation Management Engineer.
- (c) Once the preliminary design for the Sewer Renewal assignments has been completed, a separate review meeting for each project shall be arranged with the Design and Construction Branch of the Department.
- (d) All GIS information requests are to be made through the Department's contact person.
- (e) All requests for information from the City of Winnipeg Underground Structures will be billed directly to the Consultant by Underground Structures. The Consultant shall pay the invoice to Underground Structures and submit a copy of the paid invoice to the Department as an allowable disbursement.
- (f) All construction drawings are to have a Department drawing number assigned before the work is tendered. Drawing numbers shall be requested from Mr. Stan Wos, telephone 986-7636.
- (g) Tender specifications complete with Form B: Unit Prices, the construction drawings and a pre-tender estimate must be provided to the Department's contact person at least ten (10) calendar days prior to tendering for review. The project shall not be tendered without this review.
- (h) Arrange for the Bid Opportunity number with the Materials Management Department and provide the tender package in a PDF format, acceptable to the Materials Management Department.

- (i) Submit the required number of completed drawing sets to Underground Structures and other utility companies for review. Ensure any comments or changes from this review are incorporated into the project prior to construction.
- (j) Digital files of the construction drawings shall be provided to the Department's contact person when the work is tendered. This information will be used to update the Department's GIS until the as-constructed drawings are received.
- (k) Review tender submissions for completeness, prepare tender tabulation and make recommendation of award to the department. Conduct pre-award meeting if required

E1.6 Construction Drawings

- (a) Type 5 Full Segment Renewals are to be A1 sized plan and profile drawings at a scale of 1:250, developed from GIS base drawings and field survey information. Manhole and sewer asset numbers (from the SMS database) are to be indicated. Each Full Segment Renewal is to be on its own drawing sheet unless they are adjacent lengths. Sample drawings can be provided by the Department for reference.
- (b) Type 6 Sewer Repairs are to be A3 sized plan view only drawings at a scale of 1:500, developed using GIS base drawings including existing utilities, major features, properties, road width and field survey information (manhole rim and invert elevations). Each repair drawing plan is to show upstream and downstream manholes, distance to nearest manhole, length of repair, manhole and sewer asset numbers (from SMS database), manhole rim and invert elevations, details of connection to existing pipe, and any other applicable notes.

E2. CONTRACT ADMINISTRATION SERVICES

E2.1 Non-resident

- (a) The Project Manager shall have demonstrated experience in the design and contract administration of sewer rehabilitation and City of Winnipeg Contract Administration procedures
- (b) Co-ordinate and monitor the progress of the work from the onset through to the submission of record drawings
- (c) Act as a liaison between the Public, the Contractor, other utilities and the Department to issues that encountered during the course of the work.
- (d) Respond to construction issues that may be raised by the Department, the Contractor, and the Public, Councillors, other utilities and other City Departments.
- (e) Prepare and certify monthly progress payments to the Contractor.
- (f) Review and reconcile extra work claims submitted by the Contractor and make recommendations to the Department for payment; if any.
- (g) Provide detailed reports supporting any construction over expenditures over the tendered contract amount
- (h) Reports are to be promptly made to the Department's contact person regarding unusual or changed site conditions which may or will result in extra work to the Contract.
- (i) Provide a detailed monthly "Cost to Complete" report. This report is to include the actual costs to date plus projected costs to complete the Contract including allowances for any unforeseen costs. The report shall identify any expected budget overruns or surpluses.

E2.2 Resident

- (a) Provide Quality Assurance/Quality Control (Qa/Qc) procedures to industry and Departmental standards for each specific renewal.
- (b) Personnel with demonstrated experience in sewer rehabilitation are to be assigned for continuous on-site inspection of the construction work.

- (c) Arrange for regular job meetings on the work site or near the work site throughout the duration of the Contract Work. The meetings are to be attended by the Project Manager or their designate as well as the On-site Inspector, the Contractor, and the Department's contact.
- (d) Minutes of all site meetings shall be recorded and distributed to all in attendance.
- (e) Provide daily/weekly reports to the Department's contact.
- (f) Reports are to be promptly made to the Department's contact person regarding unusual or changed site conditions which may or will result in extra work to the Contract.

E3. PROJECT CLOSE OUT

E3.1 Final Inspections and Project Acceptance

- (a) Provide Qa/Qc procedures for each renewal to the Department and to the City of Winnipeg Standards at all critical project milestones.
- (b) Arrange with Department representatives for inspection of the completed Works and to establish the Project milestones of Substantial Performance and Total Performance of the completed project.
- (c) Complete and submit record drawings of the completed Works to the Supervisor of Drafting of the Water and Waste Department for review within two (2) months of the date of Substantial Performance of the Work.
- (d) Complete all Substantial Performance documentation in accordance with the Manitoba Builders Lien Act.
- (e) Complete and submit Total Performance Documentation in accordance with the City of Winnipeg General Construction Conditions.
- (f) Arrange with Department representatives inspection of the completed Works for Final Acceptance of the Works and to submit the appropriate documentation.

E3.2 Record Drawings

- (a) The preliminary record drawing submission is to consist of a drawing transmittal letter to the Supervisor of Drafting, copied to the Department's Project Manager, and one (1) complete set of full-size (A1) drawing prints for the Sewer Renewals
- (b) Record drawings are to include the following information
 - (i) All new construction details.
 - (ii) Provide a service information table for sewer renewals showing junction locations as well as the location of connection to the existing sewer service referenced with long and short measurements
 - (iii) For the Sewer Rehabilitation a sewer service table showing distance to active junction locations from reference manhole including address for service as well as long and short measurements at property line for renewal services.
 - (iv) For sewer repairs, show invert of sewer at each end at the repair.
 - (v) Complete materials list for each individual component installed. Distinction shall be made as to which bends and fittings is cast iron and which is PVC.
 - (vi) All other information specific to a particular location.
 - (vii) Date of installation of Works (Substantial Performance).
 - (viii) Installation Contractor
- (c) The reviewed record drawings will be returned with comments (if any) for completion. Once all required revisions have been made, submit one (1) complete set of full size (A1) drawing mylars for the Sewer Renewals complete with the preliminary drawing prints with comments and the digital file for each as-constructed drawing to the Department's Supervisor of Drafting. The digital drawing file name must be the Water and Waste Department drawing number assigned to that drawing.

- (d) Resubmit the revised as –constructed drawings within one month of receipt of comments from the Department.

E3.3 Service Information Sheets

- (a) The required measurements (in the required units) for new, modified and reconnected services are to be recorded on the service information sheets provided by the Department. Completed service information sheets are to be returned to the Department's contact person within two (2) months of the date of Substantial Performance of the Work for input into the City's database.

E3.4 Test Results

- (a) All test results are to be submitted to the Department's Project Manager as soon as they are received. If there are any failed tests, a report is to be written indicating the implications of the failure and a recommendation on what remedial measures are required.
- (b) Project Summaries
 - (i) Provide a brief summary report to the Department's contact person for each type of work documenting any specialized Qa/Qc work carried out or unusual problems encountered what the resolution was, and make recommendations for similar future work.

Appendices

APPENDIX A – GENERAL CONDITIONS FOR CONSULTANT SERVICES

APPENDIX B – RENEWAL/REPAIR LOCATIONS

APPENDIX B
2010 SEWER REHABILITATION PROGRAM - FULL SEGMENT RENEWALS
REQUEST FOR PROPOSAL NO.578-2010
TABLE A

ASSET NUMBER	STREET NAME	LOCATION DETAILS	DVD NO.	WORK TYPE ID	DIAM.	LENGTH	BUDGET
S-MA40009501	ROSSEAU AV E (E LEG)	1ST MH N OF RAVELSTON AV E TO MH@ RAVELSTON AV E	R4116	5	250	89.4	\$110,128.00
S-MA40009520	RAVELSTON AV E	1ST MH W OF ROSSEAU AV E TO MH @ ROSSEAU AV E	R4261	5	200	62	\$79,440.00
S-MA40013259	RAVELSTON AV W	1ST MH W OF HOKA ST TO MH AT HOKA ST	R4028	5	200	109.5	\$132,640.00
S-MA40013627	HARVARD AV W	2ND MH E OF MADELINE ST TO 1ST MH E OF MADELINE	R4062	5	200	77.9	\$97,248.00
S-MA40014113	RALPH AV E	2ND MH E OF DAY ST TO 1ST MH E OF DAY ST	R4035	5	200	68.4	\$86,608.00
						TOTAL BUDGET	\$506,064.00

APPENDIX B
2010 SEWER REHABILITATION PROGRAM - EXTERNAL POINT REPAIRS
REQUEST FOR PROPOSAL NO. 578-2010
TABLE B

ASSET NUMBER	STREET NAME	LOCATION DETAILS	DVD NO.	WORK TYPE ID	DIA M	LENGTH	BUDGET
S-MA40009007	REGENT AV E	1ST MH E OF LEOLA ST TO MH AT LEOLA ST	R4118	6	200	0.9	\$10,260.00
S-MA40009023	MELROS E AV E	1ST MH E OF ROANOKE ST TO MH AT ROANOKE ST	R4094	6	200	2.3	\$12,220.00
S-MA40009494	LEOLA ST	MH AT HARVARD AV E TO MH AT WHITTIER AV E	R4134	6	250	1	\$10,400.00
S-MA40009542	WHITTIE R AV E	2ND MH E OF LEOLA ST TO 1ST MH E OF LEOLA ST	R4124	6	200	3.6	\$14,040.00
S-MA40009785	ST MARTIN BV S LEG	MH AT ST MARTIN BV W LEG TO MH AT BAYVIEW DR W L	R4085	6	200	3	\$13,200.00
S-MA40009820	BAYVIE W DR ELEG	1ST MH N OF ST MARTIN BV TO MH AT ST MARTIN BV	R4073	6	200	2	\$11,800.00
S-MA40011739	VICTORIA AV	1ST MH W OF WINONA ST TO MH AT WINONA ST	R4044	6	200	2	\$11,800.00
S-MA40011785	PANDORA AV E	1ST MH W WABASHA ST MH @ WABASHA ST	R4078	6	200	1.6	\$11,240.00
S-MA40011805	MELROS E AV W	1ST MH E OF BOND ST TO MH AT BOND ST	R4064	6	200	2	\$11,800.00
S-MA40011806	MELROS E AV W	1ST MH W OF DAY ST TO MH AT DAY ST	R4064	6	200	2	\$11,800.00
S-MA40011814	BOND ST	MH AT MELROSE AV W TO MH AT REGENT AV W	R4068	6	200	2	\$11,800.00
S-MA40011815	MELROS E AV W	1ST MH W OF BOND ST TO MH AT BOND ST	R4064	6	200	2.2	\$12,080.00
S-MA40011815	MELROS E AV W	1ST MH W OF BOND ST TO MH AT BOND ST	R4064	6	200	1.4	\$10,960.00
S-MA40011839	MELROS E AV E	1ST MH W OF WABASHA ST TO MH AT KANATA ST	R4078	6	200	2	\$11,800.00
S-MA40011850	REGENT AVE.E	1ST. MH E. OF KANATA ST. TO MH @ KANATA ST.	R4082	6	200	1.3	\$10,820.00
S-MA40011872	MELROS E AV E	1ST MH E WABASHA ST - MH @ WABASHA ST	R4078	6	200	1.5	\$11,100.00
S-MA40011964	MELROS E AV W	MH @ BISMARK ST (EPL) - 2ND MH W HOKA ST	R4016	6	200	2.1	\$11,940.00
S-MA40012068	MELROS E AV W	1ST MH E OF MADELINE ST TO MH AT MADELINE ST	R4046	6	200	2.8	\$12,920.00

ASSET NUMBER	STREET NAME	LOCATION DETAILS	DVD NO.	WORK TYPE ID	DIA M	LENGTH	BUDGET
S-MA40013067	RAVELSTON AV W	3RD MH W OF BREWSTER ST TO 2ND MH W OF BREWSTER	R4026	6	200	3.4	\$13,760.00
S-MA40013081	EASEMENT (E OF PLESSIS RD)	1STMH N OF ROSSEAU AV W TO 2NDMH N OF ROSSEAU AV W	R4254	6	300	13.6	\$28,040.00
S-MA40013308	VIRDEN CR NLEG	1ST MH W CLOVERDALE CR - MH @ CLOVERDALE CR	R4040	6	200	2.4	\$12,360.00
S-MA40013442	BERWYN BY NLEG	MH AT BERWYN BY ELEG TO MH AT BERWYN WLEG	R4003	6	200	2.1	\$11,940.00
S-MA40013521	MADELINE ST	MH AT ROSSEAU AV W TO MH AT HARVARD AV W	R4062	6	200	1	\$10,400.00
S-MA40013521	MADELINE ST	MH AT ROSSEAU AV W TO MH AT HARVARD AV W	R4062	6	200	3.8	\$14,320.00
S-MA40013529	RAVELSTON AV W	1ST MH W OF MADELINE ST TO MH AT MADELINE ST	R4054	6	200	3	\$13,200.00
S-MA40013531	RAVELSTON AV W	1ST MH E OF MADELINE ST TO MH AT MADELINE ST	R4054	6	200	2	\$11,800.00
S-MA40013555	RAVELSTON AV W	2ND MH E OF MADELINE ST TO 1ST MH E OF MADELINE	R4054	6	200	2	\$11,800.00
S-MA40013675	RAVELSTON AV W	1ST MH E OF WINONA ST TO MH AT WINONA ST	R4052	6	200	2.8	\$12,920.00
S-MA40013675	RAVELSTON AV W	1ST MH E OF WINONA ST TO MH AT WINONA ST	R4052	6	200	1.2	\$10,680.00
S-MA40013685	WINONA ST	MH AT HARVARD AV W - MH AT WHITTIER AV W	R4060	6	200	2	\$11,800.00
S-MA40013702	WINONA ST	MH @ WHITTIER AV W TO MH @ KILDARE AV W	R4066	6	200	1	\$10,400.00
S-MA40013749	YALE AV W	1ST MH W OF DAY ST TO MH AT DAY ST	R4070	6	200	1.2	\$10,680.00
S-MA40013749	YALE AV W	1ST MH W OF DAY ST TO MH AT DAY ST	R4070	6	200	1.1	\$10,540.00
S-MA40013763	BOND ST	MH AT YALE AV W - MH AT RAVELSTONE AV W	R4074	6	250	2	\$11,800.00
S-MA40013781	DAY ST	MH AT YALE AV W TO MH AT RAVELSTON AV W	R4088	6	250	2.7	\$12,780.00
S-MA40013791	YALE AV E	1ST MH W OF WABASHA ST TO MH AT WABASHA ST	R4086	6	200	2.8	\$12,920.00
S-MA40013842	BOND ST	MH AT RAVELSTONE AV W - MH AT ROSSEAU AV W	R4074	6	250	0.6	\$9,840.00
S-MA40013842	BOND ST	MH AT RAVELSTONE AV W - MH AT ROSSEAU AV W	R4074	6	250	0.7	\$9,980.00

ASSET NUMBER	STREET NAME	LOCATION DETAILS	DVD NO.	WORK TYPE ID	DIA M	LENGTH	BUDGET
S-MA40013845	BOND ST	MH @ HARVARD AV W - MH @ WHITTIER AV W	R4259	6	250	2	\$11,800.00
S-MA40013868	KANATA ST	MH AT RAVELSTON AV E TO MH AT ROSSEAU AV E	R4088	6	200	2	\$11,800.00
S-MA40013872	DAY ST	MH @ RAVELSTON AV W TO MH @ ROSSEAU AV W	R4090	6	250	2	\$11,800.00
S-MA40013888	PARK CIR (E LEG)	1STMH N OF RAVELSTONE AV E-MH AT RAVELSTONE AV E	R4096	6	200	2	\$11,800.00
S-MA40013905	DAY ST	MH AT HARVARD AV W TO MH AT WHITTIER AV W	R4092	6	300	2.1	\$11,940.00
S-MA40013979	WHITTIER AV E	2ND MH E OF DAY ST TO 1ST MH E OF DAY ST	R4092	6	200	1.2	\$10,680.00
S-MA40014000	WABASHA ST	MH AT WHITTIER AV E TO MH AT KILDARE AV E	R4136	6	200	1	\$10,400.00
S-MA70051251	PARK CIR (E LEG)	1STMH S OF RAVELSTONE AV E-MH AT RAVELSTONE AV E	R4096	6	200	1.3	\$10,820.00
S-MA40012085	REGENT AV W	2ND MH E OF MADELINE ST TO 1ST MH E OF MADELINE ST	R4255	48	200	1.9	\$20,000.00
						TOTAL BUDGET	\$574,980.00