



The Corporation of the Township of Severn

P.O. Box 100, 1024 Hurlwood Lane
ORILLIA, Ontario, L3V 6J3

Request for Proposal

Fire Hall Lane Watermain Design

Proposal Number PW2017-22

RFP Closing: 10:00 AM

June 28, 2017

Issued: June 12, 2017

The Corporation of the Township of Severn

Request for Proposal

1. **Introduction:**

The Township of Severn "Township" is a diverse blend of rural, small urban and vacation lifestyles. Founded on January 1, 1994, through the restructuring of Simcoe County, the Township is comprised of the former Village of Coldwater, Townships of Orillia and Matchedash, as well as portions of the former Townships of Tay and Medonte. The Township's current population is 13,477.

The intent of this RFP is to conduct a competitive process to retain an Engineering Consulting firm for design services necessary for the installation of watermain to provide looping on Fire Hall Lane, Coldwater.

The work will include a topographic survey, engineering design services, production of drawings and specifications, and contract administration and inspection (provisional).

2. **Communications:**

Questions related to this proposal, specifications or the intent of the proposed work and requirements are to be directed, by email or telephone, to:

Derek Burke
Director of Public Works
Township of Severn
1024 Hurlwood Lane, P.O. Box 159
Orillia, ON L3V 6J3
Telephone: 705 325-2315 Ext. 230
Email: dburke@townshipofsevern.com

The deadline for all communications is 4:00PM June 21, 2017. All email communications must reference "PW2017-22" in the subject line.

Minor clarifications may be provided to individual respondents.

During the submission process no officer, agent or employee of the Township of Severn is authorized to alter verbally any portion of these documents.

Where the Township deems that an explanation or interpretation is necessary or desirable, an addendum may be issued, in writing, on the Township's website for downloading by all respondents. It is the

respondent's sole responsibility to check for addendums issued and download same. Acknowledgement of addendums on the Form of Proposal is a mandatory requirement. Failure to acknowledge addendums will result in your proposal being deemed non-compliant and not eligible for award.

3. Schedule:

RFP Issued	June 12, 2017
Deadline for Communications	June 21, 2017
Publish Addendum (if any)	June 23, 2017
Closing Date for Submissions	June 28, 2017
Staff Report to Council (if any)	Special Meeting
Notice of Award	July 5, 2017

4. Submissions:

Please submit the complete proposal package including the attached forms, in one (1) sealed envelope with the submission label provided by the Township firmly attached to the outside of the envelope and quoting the above project number "PW2017-22" and closing date and forward before the closing date and time to:

Derek Burke
Director of Public Works
Township of Severn
1024 Hurlwood Lane, P.O. Box 159
Orillia, ON L3V 6J3

The envelope shall contain two (2) copies of the Proposal, with one (1) copy being an original document with original signatures(s). The Upset Cost Estimate shall be broken down according to the tasks of the work plan, and shall include staff hourly rates, all fees, and disbursements required for completing the work plan assignments. Prices shall not include contingencies or HST as applicable.

Proposals sent by facsimile machine or electronic mail and submissions received after the deadline will not be accepted.

Respondents responding to the Request for Proposal do so at their own risk. No cost for the Request for Proposal or receiving of the Proposal will be incurred by the Township.

5. Irrevocable:

Proposals are irrevocable for ninety (90) calendar days from date of closing. All proposals shall be and remain irrevocable unless withdrawn prior to the designated closing time.

6. Respondents to Investigate:

Respondents must satisfy themselves by personal examination of the location of the proposed work and by such other means as they may prefer, as to the actual conditions and requirements of the work.

Respondents are encouraged to visit the area during the Request for Proposal period.

Respondents are not to claim at any time after the submission of the Proposal that there was any misunderstanding of the terms and conditions of the proposed work.

The Township has included as part of this RFP, copies of the following:

1. Construction drawings from 1997 for site servicing of Coldwater Fire Station

7. Respondent's Indemnification:

The successful respondent shall indemnify and save harmless the Township of Severn from and against all losses and all claims, demands, suits, actions, recoveries and judgements of every nature and description made, brought or recovered against the Township of Severn by reason of any act or omission of the successful respondent, their agents or employees, in the execution of their work.

The successful respondent shall be responsible for any and all damages or claims for damages or injuries or accidents done or caused by them, their agents, subcontractors or employees resulting from the prosecution of the works, or any of their operations, or caused by reason of the existence of location or condition of the works, or of any materials, plant or machinery used thereon or therein, or neglect or omission on their part, or on the part of any of their agents, subcontractors or their employees to do or perform any or all of the several acts or things required to be done by them and by these conditions and such damages and claims for damage.

8. Workplace Safety and Insurance Board:

The successful respondent shall supply a Certificate from the Workplace Safety and Insurance Board (WSIB) prior to the start of any contract for work indicating that all of the assessments the successful respondent or designate is liable to pay under the Workplace Safety and Insurance Act or successor legislation have been paid and they are in good standing with the Board.

9. Health and Safety Responsibility Agreement:

The successful respondent is required to complete the Township's Contractor Health & Safety Responsibility Agreement form prior to commencement of work.

10. Registration:

The successful respondent must be a member in good standing with the Professional Engineers of Ontario and possess a Certificate of Authorization to Practice Engineering.

11. Insurance Requirements:

The successful respondent will be required to provide the following insurance prior to commencement of the work.

During the Term of this Agreement, and any renewal or extension thereof, the successful respondent will, at its expense (including the cost of deductibles) maintain in effect, with an insurer licensed in Ontario;

11.1 Comprehensive General Liability:

A policy of general liability with coverage of no less than Two Million Dollars (\$2,000,000). The policy of insurance shall name the Township of Severn as an additional insured with respect to its interest in the operations of the successful respondent.

11.2 Professional Liability:

A policy of professional liability insurance or other errors and omissions insurance covering claims and expenses for liability for loss or damage arising from negligence in the provision of the Services with coverage of no less than Two Million Dollars (\$2,000,000).

11.3 Automobile Insurance:

A policy of motor vehicle liability insurance of standard wording, covering motor vehicles owned, leased or operated by or on behalf of the successful respondent, in connection with the Services provided or to be provided under this Agreement, with coverage of not less than Two Million Dollars (\$2,000,000).

It is understood and agreed that the coverage provided by these policies will not be changed or amended in any way, nor cancelled by the successful respondent until sixty days after written notice of such change or cancellations has been personally delivered to the Township.

The successful respondent shall provide the Township, within seven (7) days of award, a certificate from its insurer which shows that the policy or policies placed and maintained by it complies with the requirements of this Agreement.

The successful respondent shall be responsible to pay all deductible amounts.

12. Evaluation:

The following selection criteria outline the area of importance that will be considered in the project award. Proposal submissions should satisfy all criteria points wherever possible. Respondents will be evaluated based on the following weighted evaluation factors:

Quality Factors	
Firm's Qualifications and Experience on Similar Assignments	5%
Project Team's Experience	20%
Project Understanding and Approach	15%
Work Plan / Assessment Methodology	20%
Project Schedule	10%
Fee Factor	30%
Total	100%

The successful respondent will be selected based on the highest weighted quality and fee factors.

13. Right of Rejection:

The Township reserves the right to reject any and all submissions. The right is reserved to accept the whole or any part of the proposal.

Should the Township receive only one (1) qualified and duly executed response, the right is reserved to recall the competition.

Should qualified submissions exceed the Township budget provision for this project the Township reserves the right to reject or recall the Request for Proposal.

14. Municipal Freedom of Information and Protection of Privacy Act (MFIPPA):

Please note that the Municipal Freedom of Information and Protection of Privacy Act, as it relates to municipalities and local boards, came into force on January 1, 1991. It sets out certain rules regarding the disclosure to third parties of information held by municipalities and local boards.

15. Public Opening:

The Request for Proposals will be opened at a public opening to be held at the Township office on June 28, 2017, 10:00 AM, following the closing of the call.

Please note that the opening will acknowledge receipt of submitted proposals only. Prices will not be released during the public opening however prices will be made public information following award.

16. Award:

Award of the assignment may be subject to approval by Council. Upon selection of the successful respondent and award, the Township will advise all respondents in writing of the decisions made by the Township.

17. Request for Proposal Submission:

Two (2) copies of the proposal are required. The proposal should be submitted in a straight forward format with no more than ten pages. As a minimum, the following elements are to be included:

- Understanding of the project requirements and deliverables;
- Proposed project methodology/approach;
- Proposed scope of work activities to address the project needs, including staff and hours allotted for each task;
- A detailed schedule including the proposed completion date;
- A list and brief description of three similar projects completed within the last three years where the key personnel have been involved. Information shall include date of projects, client reference names and telephone numbers. Key personnel shall include the project manager/team leader and primary staff;
- Project team personnel including key personnel, sub-consultants or other specialists to be assigned to the project, their qualifications, experience, expertise and involvement on the project;
- A list of rates for all personnel to be used on the project;
- A comprehensive fee proposal;
- A clear indication of how much Township staff time is required.

18. Scope of Work:

The Fire Hall Lane watermain project includes the installation of approximately 80 meters of 150mm watermain to provide system looping. The project will also include the installation of one new residential water service, three residential water service replacements, and one sample station. The sample station will be provided by the Township of Severn. The proposed 150mm watermain will tie in to an

existing 150mm Schedule 40 watermain on George Street and extend to an existing 150mm watermain at the Coldwater Fire Station. The work includes trench restoration excluding pavement and boulevard restoration to be completed following the installation of the watermain and appurtenances.

Through a separate contract, the reconstruction of the pavement surface along Fire Hall Lane / George Street from Grey Street to Grey Street (Approximately 500m length) to 6.7 metres width complete with shouldering. This work is not part of the design project.

The anticipated schedule for the project is as follows:

- Final Drawings/Specs Received - September 1, 2017
- Tender let for Construction - September 11, 2017
- Tender close for Construction - October 2, 2017
- Report to Council for Construction - October 18, 2017
- Construction Commence - November 2017

The following are the expected steps to complete the project. Respondents are encouraged to elaborate, expand, or modify any step based on their experience and understanding of the project. The scope of the assignment includes the following:

18.1 Professional Services Agreement

Prepare a professional services agreement based on the current MEA/CEO Client/Consultant Agreement for Professional Consultant Services format, and upon review and acceptance by the Township, execute the agreement. The agreement will include an "upset" limit related to the identified Scope of Work as identified in this Request for Proposal and as amended by the successful proposal accepted by the Township. The proposal will form part of the agreement.

18.2 Background Information:

The following background information is available and should be referenced where possible to ensure alignment of this design with various documents;

- Transportation Master Plan, 2014
- Engineering Design Criteria, 2014
- Construction drawings from 1997 for site servicing of Coldwater Fire Station

18.3 Field Review / Survey:

The successful respondent will carry out field review including condition assessment, data collection, and topographic survey. The successful respondent shall establish construction benchmarks, obtain topographical information, and shall identify the property lines bordering the construction area to a level of accuracy

sufficient for design and construction. If a land surveyor is required to prepare a plan and provide monuments for identification of the right-of-way, the Township will engage the legal survey directly.

Topographic survey will be focused on the corridor that runs along the length of the proposed watermain centreline and will generally cover a minimum strip 30 metres wide. The topographic survey shall show all features within the survey area including; roads, visible property pins and road monuments, survey monuments, buildings, trails, tree lines, trees larger than 150mm caliper and all street trees, poles, catch basins, maintenance holes, hydrants, water valves, signage, mailboxes, driveway aprons, etc.

All underground pipes and appurtenances shall be identified based on engineering record drawings and confirmed by Subsurface Utility Engineering (SUE) up to Quality Level A "daylighting", where required.

Respondents shall note in the proposal any geotechnical investigation required to perform the work.

Sub-consultant estimates for geotechnical, SUE, and legal survey are to be provided within the proposal but not included in the fees section. The Township will engage these services directly.

Final survey plans will consist of 1:250 scale plan / and 1:50 scale profile. All dimensions and elevations will be shown in metric units.

18.4 Design Drawings / Specifications:

The successful respondent shall prepare and submit a preliminary design layout of the project infrastructure and a letter report recommending infrastructure sizing for review and approval. Following approval of the preliminary design, the successful respondent shall prepare the detailed design based on the approved drawings.

The drawing set shall include at minimum; Title Sheet, Plan and Profile drawings and Detail drawings (cross sections, general notes, Township Standards drawings and any OPSD drawings). Watermain schematic details are required at connection points to existing watermains and any other crossing or lowering that the proposed watermain may encounter. The drawings shall adhere to the Township AutoCAD Standards and plotted to 60.96 (24") x 91.44 (36") ARCH 'D' size.

Detailed design includes preparation of reproducible Contract Specifications suitable for tender and construction applications.

18.5 Construction Cost Estimate:

The successful respondent shall prepare Construction Cost Estimate. The quantities shall be based on the final design and the unit costs shall be compiled from relevant construction projects in the area with sufficient sample size to be considered typical. Basic construction factors shall be established and appropriately applied to estimates including contingency to allow for unforeseen costs.

18.6 Drinking Water Works Permit:

Respondents should note that the Township of Severn operates the Coldwater Drinking Water System under a Drinking Water Works Permit 148-201 issued by the Ministry of the Environment and Climate Change. The proposed changes to the drinking water system are not anticipated to require authorization as these conditions are preauthorized work in the Drinking Water Works Permit. The successful respondent shall confirm the works do not require authorization and complete Form 1 - Record of watermains authorized as a future alteration.

18.7 Construction Contract Tender:

The successful respondent shall produce construction tender drawing packages (10 sets including large drawing printouts) and supply electronic copy for publishing on the Townships website. The Township will produce the tender document and specifications and issue the Request for Tender (RFT). The successful respondent will address questions relating to the design and when required, prepare content for addendums. The Township will review the tender bids received and subject to available budget, prepare a recommendation report for award of the Construction Contract.

18.8 Construction Contract Administration and Inspection (Provisional):

Subject to construction contract award, the successful respondent shall provide construction contract administration services including a pre-construction meeting to determine lines of communication, contact persons, commencement/completion dates, review submission of required documents and generally provide the Contractor a primary contact for the project.

The successful respondent shall provide full time on-site inspection necessary to complete the construction of the project as part of Construction Contract Administration and Inspection. All field revisions and installation details shall be recorded for "As-Constructed" drawings. It is assumed that the construction period will be four (4) weeks. The successful respondent will prepare and submit one (1) digital AutoCAD file and one (1) mylar copy of the "As-Constructed" drawings.

The Township will receive and process progress payments once the successful respondent has reviewed and recommended payment.

Any construction quality control testing, soils testing, or material testing (concrete testing, granular sampling, compaction, etc.) required outside of the construction contract will be paid for by the Township and shall be invoiced directly to the Township.

18.9 Meetings:

The proposal shall identify meetings with staff at appropriate milestones.

19. Fees:

Respondents shall provide in their fee proposal; hourly rates, estimate of expenses, and a total upset price (excluding HST), with a breakdown for the major items. Respondents shall identify and include any costs believed not be covered in this RFP but considered necessary for completion of the project. The fee invoicing and reimbursement for this assignment shall be on a time basis, plus reimbursable expenses with an upset limit. The Township will determine if and which task to add or eliminate at the time of project award.

Payments made hereunder, including final payment, shall not relieve the successful respondent from its obligations or liabilities under the contract.

Acceptance by the successful respondent of the final payment shall constitute a waiver of claims by the successful respondent against the Township, except those previously made in writing in accordance with the contract and still unsettled.

**REQUEST FOR PROPOSAL
FIRE HALL LANE WATERMAIN DESIGN
RFP PW2017-22**

Form of Proposal

Note: Failure to provide the complete Form of Proposal, submitted as an original document, complete with original authorized signature(s), at time of Proposal closing, will result in the Proposal submission being disqualified and not considered for award.

RESPONDENTS INFORMATION

1.	Company Name	
2.	Respondent's Contact Individual	
3.	Address (inc Postal Code)	
4.	Office Phone #	
5.	Toll Free #	
6.	Cellular #	
7.	Pager #	
8.	Fax #	
9.	E-mail address	
10.	Website	
11.	HST Account #	

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUMS

This will acknowledge receipt of the following addendums and, that the pricing quoted includes the provision set out in such addendums.

The following addendums were received _____ for a total of _____ (eg. 1, 2, 3, 4 or 1-4 for a total of 4 Addendums).

Check here if NO addendum received

Respondent: _____ Date _____

Signature: _____

**REQUEST FOR PROPOSAL
FIRE HALL LANE WATERMAIN DESIGN
RFP PW2017-22**

References

Please provide three (3) references of the respondents municipal clients. The references must be, at minimum, equal in size, complexity and service requirements to this Proposal. References will be contacted at the discretion of the Township. The Township reserves the right to investigate other than listed references.

Reference 1	
Company Name	
Company Address	
Contact Name	
Contact Email & Telephone Number	
Date & Duration Work Performed	
Type of Work Performed	
Annual Value of Work	
Reference 2	
Company Name	
Company Address	
Contact Name	
Contact Email & Telephone Number	
Date & Duration Work Performed	
Type of Work Performed	
Annual Value of Work	
Reference 3	
Company Name	
Company Address	
Contact Name	
Contact Email & Telephone Number	
Date & Duration Work Performed	
Type of Work Performed	
Annual Value of Work	

PROPOSAL SUBMISSION

From:

Contact:

Telephone:

Deliver to:

**The Corporation of the Township of Severn
Public Works Department
1024 Hurlwood Lane
Orillia, ON L3V 6J3**

PROPOSAL NUMBER: RFP PW2017-22

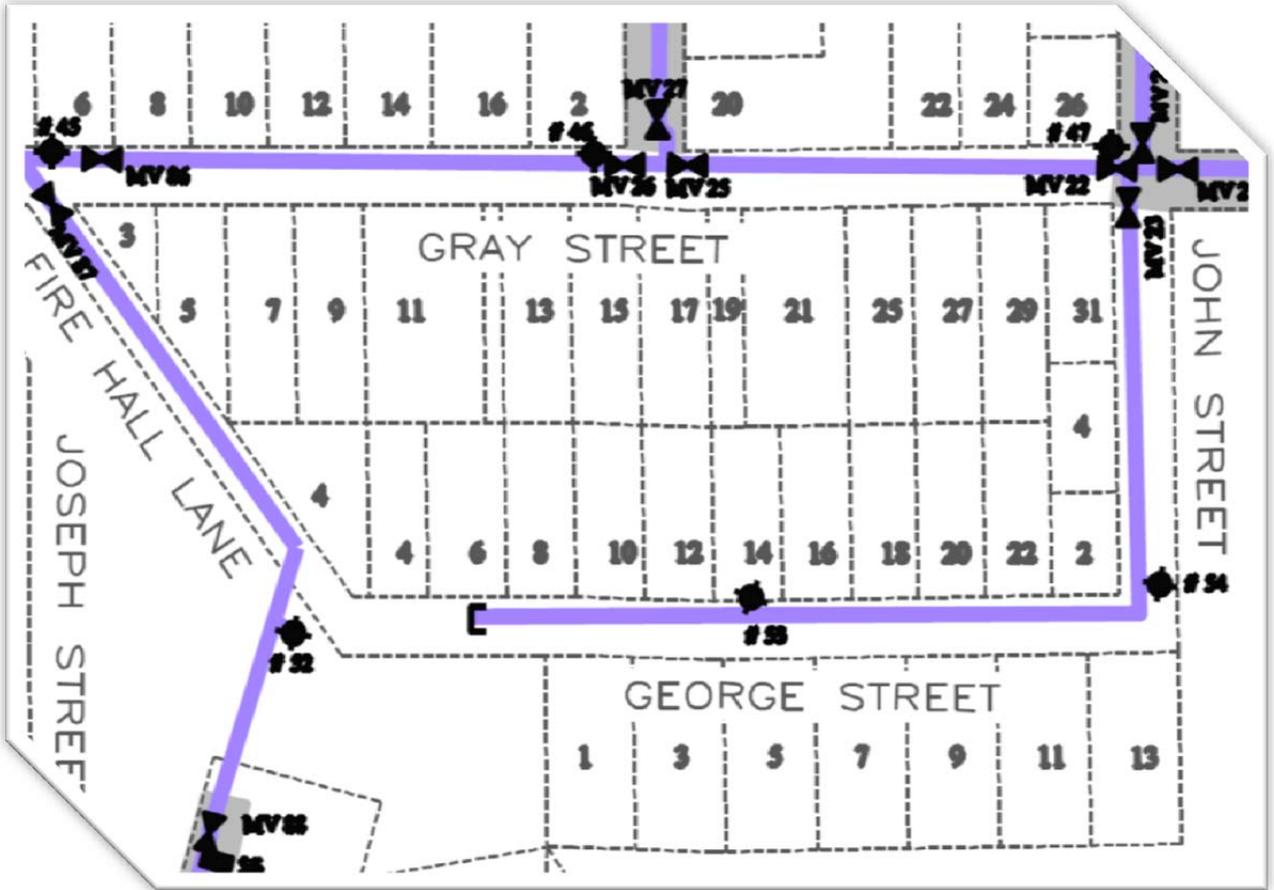
CLOSING DATE AND TIME: June 28, 2017 – 10:00 AM

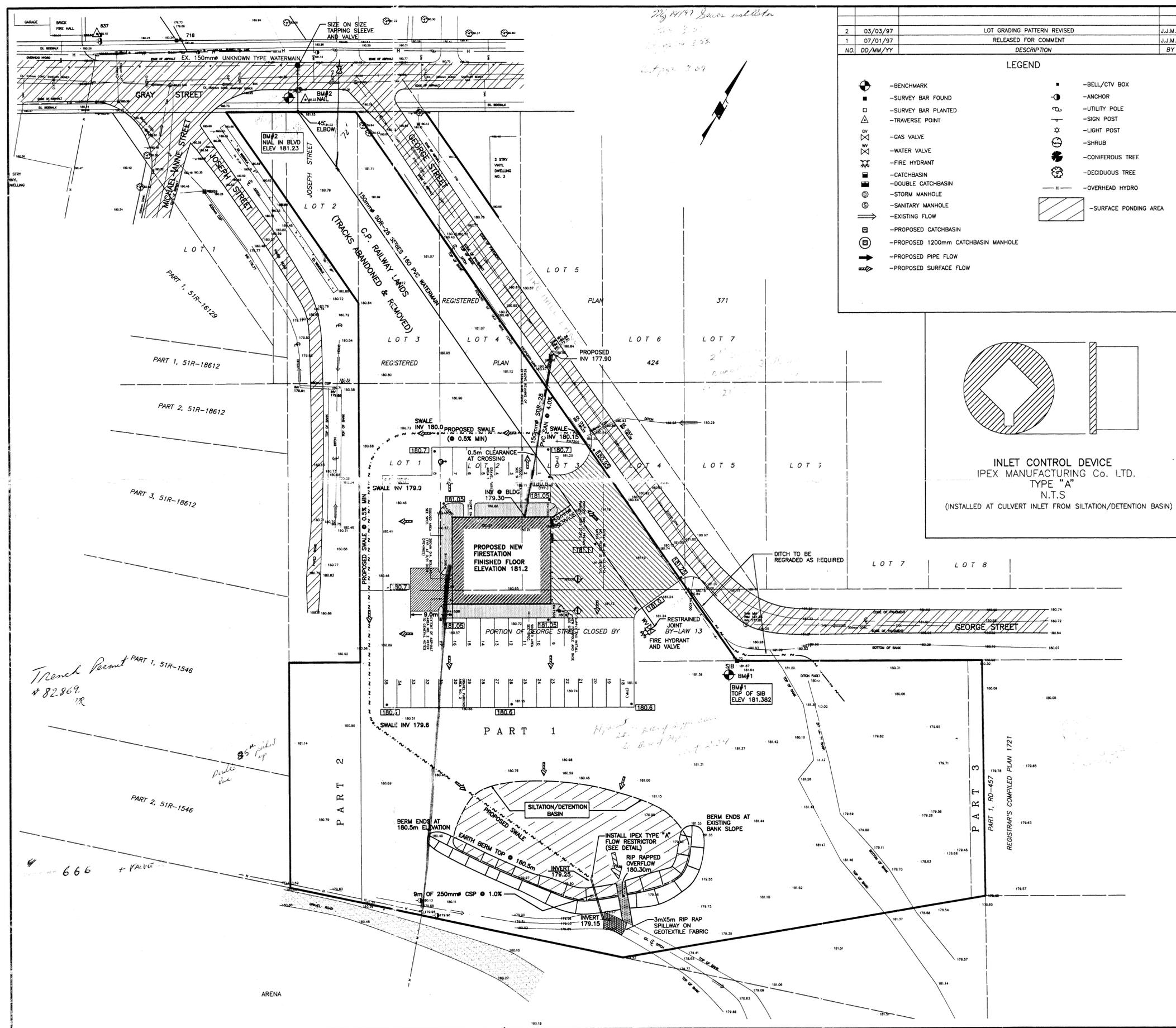
DESCRIPTION: Request for Proposal - Fire Hall Lane Watermain Design

**Form of Proposal, Detailed Work Plan, and
Upset Cost Estimate**

Appendix "1"

Construction Drawings from 1997
Site Servicing of Coldwater Fire Station

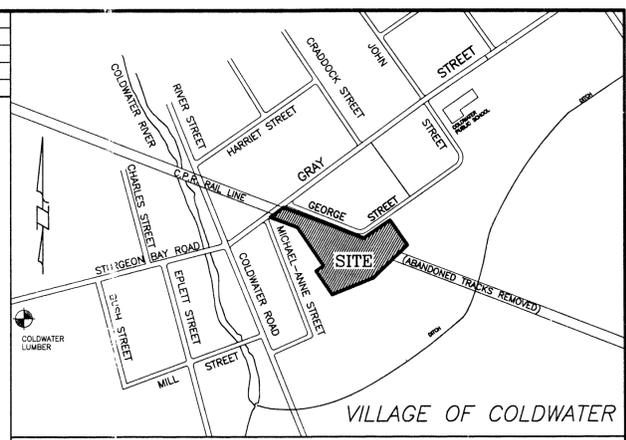




NO.	DD/MM/YY	DESCRIPTION	BY
2	03/03/97	LOT GRADING PATTERN REVISED	J.J.M.
1	07/01/97	RELEASED FOR COMMENT	J.J.M.

LEGEND

- BENCHMARK
- SURVEY BAR FOUND
- SURVEY BAR PLANTED
- TRAVERSE POINT
- GAS VALVE
- WATER VALVE
- FIRE HYDRANT
- CATCHBASIN
- DOUBLE CATCHBASIN
- STORM MANHOLE
- SANITARY MANHOLE
- EXISTING FLOW
- PROPOSED CATCHBASIN
- PROPOSED 1200mm CATCHBASIN MANHOLE
- PROPOSED PIPE FLOW
- PROPOSED SURFACE FLOW
- BELL/CTV BOX
- ANCHOR
- UTILITY POLE
- SIGN POST
- LIGHT POST
- SHRUB
- CONIFEROUS TREE
- DECIDUOUS TREE
- OVERHEAD HYDRO
- SURFACE PONDING AREA



KEY PLAN (NOT TO SCALE)

NOTES

ELEVATIONS AND DISTANCES ARE EXPRESSED IN METRES AND DECIMAL PARTS THEREOF AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

ELEVATIONS ARE GEODETIC REFERRED TO BENCHMARK 710538 ON THE SOUTH SIDE OF STURGEON BAY ROAD 0.3KM WEST OF BRIDGE OVER THE COLDWATER RIVER, BEING A TABLET SET IN THE FOUNDATION OF THE COLDWATER LUMBER BUILDING.

BOUNDARY INFORMATION IS BASED ON DEPOSITED PLAN 51R-26012 AND WAS NOT VERIFIED BY FIELD MEASUREMENT OR REGISTRY OFFICE SEARCH.

TOPOGRAPHIC FIELD WORK WAS COMPLETED ON DECEMBER 5, 1996.

EXISTING SERVICE INFORMATION SHOWN IS APPROXIMATE ONLY BASED ON SURFACE TOPOGRAPHIC WORK AND ANY AVAILABLE VILLAGE OF COLDWATER RECORDS. SERVICE LOCATES ARE TO BE ARRANGED PRIOR TO ANY EXCAVATION.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.

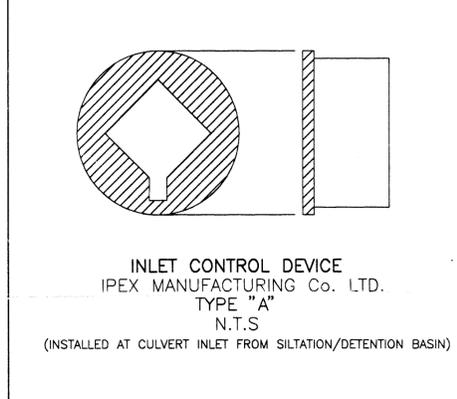
ALL WORK WITHIN THE ROAD ALLOWANCE IS TO BE IN ACCORDANCE WITH THE TOWNSHIP OF SEVERN STANDARDS.

ALL DIMENSIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.

ONE LANE TRAFFIC TO BE MAINTAINED ON GRAY STREET AT ALL TIMES. TRAFFIC CONTROL AND SIGNAGE TO BE IN ACCORDANCE WITH "TRAFFIC CONTROL MANUAL FOR ROADWAY OPERATIONS", MOST RECENT EDITION.

FROST STRAPS TO OPSD 701.100 ARE REQUIRED ON ALL STRUCTURES WITH JOINTS IN FROST PENETRATION ZONE.

TRENCHING AND MIN CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND "INDUSTRY OF LABOUR GUIDELINES".



SURFACE WORKS

ALL DISTURBED AREAS ARE TO BE REINSTATED TO ORIGINAL CONDITION OR BETTER. PLACE 100mm TOP SOIL AND SOD OR SEED AND MULCH IN DISTURBED GRASSED AREAS.

GRANULAR BASE AND SUBBASE MATERIAL NOT MEETING O.P.S.D. STANDARDS WILL BE REWORKED OR REPLACED AS DIRECTED BY THE ENGINEER.

DISTURBED AREAS ON GRAY STREET ARE TO BE REINSTATED TO EXISTING CONDITION OR BETTER WITH FROST TAPERS AS SPECIFIED.

SANITARY SEWER

SANITARY SEWER PIPE TO BE 150mm PVC SDR-35.

SANITARY PIPE BEDDING TO BE GRANULAR 'A' COMPACTED TO 95% SPD MINIMUM. COVER MATERIAL TO BE GRANULAR 'A' AS PER O.P.S.D. 802.010.

STORM SEWER

ALL SITE DRAINAGE POSSIBLE INCLUDING ALL DRAINAGE FROM IMPROVED AREAS, IS TO BE DIRECTED INTO THE DETENTION SYSTEM.

BEDDING AND BACKFILL FOR STORM SEWER PIPE TO BE GRANULAR 'A' AS PER O.P.S.D. 802.010.

ALL STORM PIPING AND CULVERTS TO BE SMOOTH WALLED PVC AND C.S.P. 1.6mm GAUGE RESPECTIVELY.

WATERMAIN

WATERMAIN TO BE PVC SERIES 160, AWWA C905, 150mm DIAMETER.

MINIMUM CLEAR COVER TO BE 1.8 METRES.

WATERMAIN BEDDING AND BACKFILL AS PER O.P.S.D. 802.010 (GRANULAR 'A').

THRUST BLOCKS AS PER O.P.S.D. 1103.01 AND O.P.S.D. 1103.020. WATERMAIN IS TO HAVE RESTRAINED FITTINGS AT THE END OF LINE HYDRANT CONNECTION.

HYDRANT INSTALLATION TO CONFORM TO TOWNSHIP OF SEVERN STD-WS COMPLETE WITH 4 1/2" PUMPER NOZZLE.

**STORM WATER MANAGEMENT
LOT GRADING AND
SITE SERVICING PLAN**

OF PART OF LOTS 1 TO 5, REGISTERED PLAN 371
AND OF LOTS 1 & 2 AND PART OF LOTS 3 & 4 AND
PART OF GEORGE STREET AND JOSEPH STREET
REGISTERED PLAN 424 AND
PART OF THE WEST HALF OF LOT 22, CONCESSION 12
GEOGRAPHIC TOWNSHIP OF MEDONTE
NOW IN THE
(BEING PARTS 1, 2, & 3, PLAN 51R-26012)

**TOWNSHIP OF SEVERN
COUNTY OF SIMCOE
(PREPARED FOR THE TOWNSHIP OF SEVERN)**

CAD FILE: T17358L.DWG	DEARDEN AND STANTON LTD.	DWG. NO. E-731
DRAWN: B.F. STANTON, P.ENG.	ONTARIO LAND SURVEYORS CANADA LAND SURVEYORS CONSULTING ENGINEERS	SHEET 1 of 1
CHECKED: J. J. MARSHALL, P. ENG.	89 COLDWATER STREET E. L3V 1W8 PHONE (705)325-9521 FAX (705)325-0241	
DATE: FEBRUARY 3, 1997	ORILLIA - ONTARIO	
SCALE: HORZ. 1:400		