



Request for Quotations

Library Sewer Line Replacement

**Closing Date:
April 29, 2021
at 2:00 p.m. cst**

Part 1 General

1.1 BID CALL

- .1 Bids will be received electronically by the **City of Yorkton** (the "**Owner**"), at the following email address:

To: jfawcett@yorkton.ca

Subject: **Library Sewer Line Replacement**

Attention: **Jeff Fawcett**

before **2:00 pm local time** on **April 29, 2021**, to perform the work for City of Yorkton **Library Sewer Line Replacement**, as described in the Contract Documents.

- .2 All enclosures noted in 1.12.4 below shall be attached to the above noted email.
- .3 Bidders must confirm by phone at 1-306-786-1782 with Jeff Fawcett before 2:00pm local time on **April 29th, 2021**, to confirm that the Owner has received the bid submission.
- .4 The Manager of Capital Projects will then reply via email to the sender of the bid confirming the phone conversation and that the bid has been received.
- .5 Bids will be opened privately after the time for receipt of Bids. A summary of bid results and recommendation for award will be disclosed at the first available council meeting.

1.2 INTENT

- .1 The intent of this Bid call is to obtain an offer to perform work to replace the sewer line at the Yorkton Public Library. Replacement will involve the supply and installation of sewer line infrastructure and the restoration of parking lots, roadways, curbing and landscaping. This work is to be completed on a unit price basis in accordance with the Contract Documents.

1.3 DEFINITIONS

- .1 In these Instructions to Bidders:
- .1 Bid: A bid submitted to perform the work described in the Contract Documents.
- .2 Bidder: Any person or firm submitting a Bid in response to this tender.
- .3 Bid Documents: The Contract Documents Supplemented with the Instructions to Bidders and Bid Form.
- .4 Contract Documents: As defined in CCDC 4 (2011) – Unit Price Contract.

1.4 CONTRACT/BID DOCUMENTS

- .1 The Contract/Bid Documents are identified as

**City of Yorkton
Library Sewer Line Replacement**

1.5 DOCUMENT AVAILABILITY

- .1 Bid Documents may be viewed and obtained on-line at <https://www.yorkton.ca>
- .2 Bid Documents are made available only for purpose of obtaining offers for this project. Their use does not confer license or grant for other purpose.

1.6 DOCUMENT EXAMINATION

- .1 Upon receipt of Bid Documents verify that documents are complete.
- .2 Immediately notify the City upon finding any error, omission, inconsistency or discrepancy in Bid Documents.

1.7 PROJECT CONTACT/QUERIES/ADDENDA

- .1 Direct questions or request for clarifications in writing as follows:

City of Yorkton
Email: jfawcett@yorkton.ca
Attn: Jeff Fawcett

Only email inquiries will be considered.

- .2 Questions or requests for clarifications must be submitted in writing no later than five (5) working days before the date set for receipt of Bids. Replies will be in the form written addenda, copies of which will be forwarded to known Bidders no later than two (2) working days before the date set for receipt of Bids.
- .3 The City may make changes to the Bid Documents prior to the Bid submission deadline. Any changes will be in the form of written addenda, which will be posted on <https://www.yorkton.ca>
- .4 All addenda become part of the Bid Documents. It is the responsibility of each Bidder to ensure that all addenda have been received and acknowledged prior to submitting a Bid. Bidders are responsible for addressing all addenda in their Bids.

1.8 EQUIVALENTS/ALTERNATES

- .1 Where the Contract Documents stipulate a particular product, material, equipment or construction method, requests for substitutions will be considered by the City up to five (5) working days before the Bid submission deadline.
- .2 Requests for substitutions must be submitted to the City as follows:

City of Yorkton
Email: jfawcett@yorkton.ca
Attn: Jeff Fawcett

- .3 Bidders are responsible for ensuring that requests for substitutions contain sufficient information for the City to determine quality and performance equivalency and otherwise determine the acceptability of the requested substitution. Requests for substitutions should identify any and all changes required in the applicable work, and all changes to any other works, which would become necessary to accommodate the requested substitution.
- .4 If the City is satisfied that the requested substitution will achieve similar results to the specified product, material, equipment or construction method, the City may, at its option, issue a written addendum approving the substitution as an equal. All Bidders may then use that product, material, equipment, or construction method in place of the specified product, material, equipment, or construction method, and may prepare their Bids accordingly.
- .5 If the City does not approve a particular requested substitution, Bidders must base their Bid price upon the product, material, equipment, or construction method specified in the Bid Documents.

1.9 SITE ASSESSMENT

- .1 All Bidders are strongly recommended to examine the site prior to submitting their Bids. **The date for a site visit is April 21, 2021 @ 10:30am at 93 Broadway St West (Yorkton Public Library).**

1.10 CONSTRUCTION TIME

- .1 Bidder, in submitting a Bid, agrees to perform the work by the date indicated in the Contract Documents.

1.12 BID COMPLETION

- .1 Complete the Bid Form, and all supplements and appendices attached to the Bid Form, in their entirety and in accordance with these Instructions to Bidders and any instructions indicated on the Bid Form or the supplements/appendices.
- .2 Complete the Bid Form with all portions fully filled out in ink or typewritten and with signatures in longhand. Complete Bids without delineation, alteration or erasures.
- .3 The Bid Form should be signed by an authorized representative of the Bidder.
- .4 Bids shall include the following:
 - .1 one executed copy of the Bid Form, including all required supplements and appendices to the Bid Form;

- .3 Provide proof of comprehensive general liability insurance in a minimum amount of two million dollars (\$2,000,000.00).
- .4 Certificate of Recognition (COR) as issued by the Saskatchewan Construction Safety Association (SCSA) or another equivalent certifying organization;
- .5 Letter of good standing for the Bidder issued by the Saskatchewan Workers Compensation Board; and
- .6A copy of the Bidder's City of Yorkton business license.

.5 Bid Ineligibility

- .1 Bids that are unsigned, improperly signed or sealed, conditional, illegible, obscure, contain arithmetical errors, erasures, alterations, or irregularities of any kind may, at discretion of the City, be declared non-compliant.
- .2 Bids with Bid Forms and enclosures which are improperly prepared or missing may, at the discretion of the City, be declared non-compliant.
- .3 Bids that fail to satisfy bonding requirements may, at the discretion of the City, be declared non-compliant.
- .4 Notwithstanding the foregoing, the City may, in its sole discretion, retain for consideration Bids that are non-conforming because they fail to comply with these Instructions to Bidders with regard to content, form, submission process or any other matter. The City may waive any non-conformance, defects, informalities or irregularities in a Bid and accept a Bid which contains any such non-conformance, defects, irregularities or informalities. The City may, in its sole discretion, between the opening of Bids and the award, if any, provide Bidders with an opportunity to correct any defects, informalities or irregularities in their Bid.

1.13 BID SUBMISSION

.1 Bid Submission

- .1 Bidders are be solely responsible for the delivery of their Bids in accordance with the instructions herein, in the manner and time prescribed.
- .2 Submit one (1) copy of the Bid together with the required enclosures in a sealed opaque envelope, clearly identified with Bidder's name and project name on outside.

.2 Bid Modification or Withdrawal

- .1 Amendments to, or withdrawal of Bids will be permitted if received in writing at the office designated in these Instructions to Bidders prior to Bid closing, and if signed by the same party or parties who signed the original Bid.
- .2 The onus is on Bidder to ensure timely receipt of Bid modifications.

- .3 Error on the part of Bidder in preparing the Bid confers no right to the withdrawal of the Bid after it has been opened.

1.14 DURATION OF OFFER

- .1 Bids shall remain open to acceptance and shall be irrevocable for a period of thirty (30) days after the Bid submission deadline.

1.15 EVALUATION OF BIDS

- .1 Bids will be evaluated based on Bid Price and Bidder qualifications. In evaluating Bids, the City intends to select the qualified Bidder with the lowest Bid Price.
- .2 In assessing Bid Price where work is to be performed on a unit price basis, the City will consider each Bidder's total extended price to complete the Work, based on estimated unit quantities as set forth in the Bid Form.
- .3 In assessing a Bidder's qualifications, the City may consider the information included within a Bidder's Bid (including in CCDC 11 (2016) - Contractor's Qualification Statement), the City's past experience in working with a Bidder, and such other criteria as the City deems relevant.
- .4 Disputes and past performance:
 - .1 The City may consider disputes, including disputes requiring litigation, in evaluating a Bidder's qualifications, and/or the City may reject a Bid from a Bidder that currently is, or previously has been, involved in such a dispute with the City.
 - .2 The City may review its records with respect to prior performance by a Bidder on previous contracts with the City. The City may consider such prior performance in evaluating a Bidder's qualifications, and/or the City may reject a Bid from a Bidder if the City determines that a Bidder's performance of previous Contract with the City is unsatisfactory.
- .5 .1 The City may, in its discretion, request clarification from a Bidder during the evaluation process. A request for clarification will not allow a Bidder to revise, amend or otherwise alter its Bid Price.
- .6 .2 The City intends to evaluate Bids in the manner and based on the criteria set forth in these Instructions to Bidders, and the lowest or any Bid will not necessarily be accepted.

1.16 BID ACCEPTANCE

- .1 The City will notify the selected Bidder in writing that its Bid has been accepted. The City will then prepare the Contract Documents based on the selected Bid, and will deliver the Contract Documents to the selected Bidder for execution. The selected Bidder will be obligated to execute the Contract Documents within five (5) working days after receipt of the Contract Documents for execution.

- .2 The City intends to notify all unsuccessful Bidders promptly after execution of the Contract Documents. Unsuccessful Bidders may request a debriefing interview, to obtain feedback on their submission within four (4) weeks after receiving notification of tender results.

1.17 MISCELLANEOUS

- .1 If all qualified Bids exceed the amount that the City has budgeted for the work, or if the City otherwise determines, at its sole discretion, that not entering into a contract with any of the Bidders would be in its best interests, the City may:
 - .1 reject all Bids;
 - .2 cancel this tender;
 - .3 issue a new tender or commence another procurement process, with or without adjusting the scope of work; and/or
 - .4 proceed in such other manner as the City deems appropriate.
- .2 Bidders are expected to keep confidential all documents, data, information and other materials of the City which are provided to or obtained or accessed by a Bidder in relation to this tender, other than documents which the City places in the public domain. Bidders are expected to refrain from making any public announcements or news releases regarding this tender or the entering into of a contract pursuant to this tender, without the prior written approval of the City.
- .3 Bidders are advised that the City is subject to the provisions of The Local Authority Freedom of Information and Protection of Privacy Act (Saskatchewan), which provides a right of access to information in records under the control of a municipality. Bidders are advised that pursuant to The Local Authority Freedom of Information and Protection of Privacy Act (Saskatchewan), the City may be required to disclose the Bid Documents and/or parts of any Bid received in response to this tender.
- .4 Conflict of Interest:
 - .1 Bidders are asked to disclose to the City in writing whether they have any actual, potential or perceived conflicts of interest relating to their participation in this tender or their provision of the requested services to the City, and if so, the nature of each conflict of interest. If the City receives disclosure of a conflict of interest from a Bidder, the City may in its sole discretion take one or more of the following steps:
 - .1 require the Bidder to address the conflict of interest to the satisfaction of the City;
 - .2 disqualify the Bidder from further participation in the tender; or
 - .3 such other steps as the City may deem appropriate.

- .2 Further, if the City learns that a Bidder has failed to identify a conflict of interest, the City may disqualify the Bidder from this tender or take such other steps as the City may deem appropriate.
- .3 For the purposes of this tender "conflict of interest" includes any situation or circumstance where, in relation to a City procurement competition, a Bidder has an unfair advantage, a perception of an unfair advantage or engages in conduct, directly or indirectly, that may give it an unfair advantage, including:
 - .1 any relationship between the Bidder (including its management) and the City, members of council, its management, or other City personnel involved in this tender, which may give rise to a conflict of interest;
 - .2 having, or having access to, information in the preparation of its Bid that is not available to other Bidders, but such does not include information a Bidder may have obtained in the past performance of a contract with the City that is not related to the creation, implementation or evaluation of this or a related procurement;
 - .3 communicating with any person with a view to influencing preferred treatment in the procurement competition (including but not limited to the lobbying of decision makers involved in the procurement competition); or
 - .4 engaging in conduct that compromises, or could be seen to compromise, the integrity of the open and competitive procurement competition or renders that competition non-competitive, less competitive, or unfair.
- .5 Bidders are advised that procurements issued by the City which fall within the scope of New West Partnership Trade Agreement or the Agreement on Internal Trade are subject to the applicable provisions of those trade agreements.
- .6 All costs and expenses incurred by a Bidder in connection with this tender are the responsibility of the Bidder. The City will not reimburse Bidders for any such costs or expenses.

END OF SECTION

Submit Bid To:

Name: City of Yorkton – 37 Third Ave. North, Yorkton SK., S3N 2W3

Attention: City Clerk Office

Contract Information:

Owner: City of Yorkton

Contract Title: Library Sewer Line Replacement

Location: City of Yorkton, SK

Contractor's Declaration and Information:

The undersigned Bidder has examined and read the Bid Documents, including Addendum Number(s) _____ to _____ inclusive, and having examined all conditions affecting the Work, hereby agrees to provide all necessary materials, labour, and equipment to complete all Work set forth in accordance with the Bid Documents for the prices stated in the attached Unit Prices Form. The Work must be completed by July 30th, 2021.

Submitted this _____ day of _____, 2021 by an authorized representative of:

Contractor's Legal Name: _____

Address: _____

City: _____ Province: _____

Postal Code: _____

Phone: _____ Fax: _____

E-mail: _____

Name (Print): _____

Title: _____

Signature: _____

We enclose the following items with our Bid:

1. Unit Prices Form;
2. a completed copy of CCDC 11 (2016) – Contractor's Qualification Statement;
3. Provide proof of comprehensive general liability insurance in a minimum amount of two million dollars (\$2,000,000.00).
4. Certificate of Recognition (COR) as issued by the Saskatchewan Construction Safety Association (SCSA) or another equivalent certifying organization;
5. Letter of good standing issued by the Saskatchewan Workers Compensation Board; and
6. A copy of our City of Yorkton business license.

END OF SECTION

| OPTION 1: Installing 150mm dia. HDPE Sanitary Sewer Pipes by Directional Drilling | | | | | |
|---|---|--------|-----------|------|--------|
| Schedule of Prices | | | | | |
| Item | Description of Work | Unit | Estimated | Unit | Amount |
| Section 1: General Requirements | | | | | |
| 1.1 | Mobilization/Demobilization | l.s. | 1.0 | \$ | \$ |
| | Section 1 subtotal | | | | |
| Section 2: Installation | | | | | |
| 2.1 | Saw cut asphalt and remove asphalt, base, sub-base and native subgrade to prepare precise holes for setting up machines and installing manhole. | l.s. | 1.0 | \$ | \$ |
| 3.0 | Directional drilling of 150mm dia. HDPE pipes c/w supply and tie-in with manholes. | lin.m. | 60.0 | \$ | \$ |
| 4.0 | Install 1050mm dia. Manhole c/w supply of rings, riser, frame and cover. | v.m. | 3.0 | \$ | \$ |
| 5.0 | Backfill holes with necessary native soils, sub-base, base and asphalt patching as mentioned in the attached drawing supplied by the City. | l.s. | 1.0 | \$ | \$ |
| Section 2 Subtotal | | | | | \$ |
| Subtotal All Sections | | | | | \$ |
| GST (5%) | | | | | \$ |
| PST (6%) | | | | | \$ |
| Total | | | | | \$ |

| OPTION 2: Installing 150mm dia. PVC Sanitary Sewer Pipes by Open Excavation | | | | | |
|---|-----------------------------|------|--------------------|------------|--------|
| Schedule of Prices | | | | | |
| Item No. | Description of Work | Unit | Estimated Quantity | Unit Price | Amount |
| Section 1: General Requirement | | | | | |
| 1.1 | Mobilization/demobilization | l.s. | 1 | \$ | \$ |
| Section 1 Subtotal | | | | | \$ |
| Item No. | Description of Work | Unit | Estimated Quantity | Unit Price | Amount |
| Section 2: Roadway Construction | | | | | |

| | | | | | |
|--------------------|--|----------------|-----|----|----|
| 2.1 | Prepare subgrade and install geotextiles-98% compaction on subgrade materials. | m ² | 180 | \$ | \$ |
| 2.2 | Install granular sub-base course- 420mm | m ² | 180 | \$ | \$ |
| 2.3 | Install granular base course-200mm | m ² | 180 | | \$ |
| 2.4 | Concrete driveway restoration | m ² | 15 | | \$ |
| 2.5 | Concrete curb and gutter restoration | lin.m. | 6 | \$ | \$ |
| 2.6 | Reinstall asphalt concrete on driveway-50mm | m ² | 170 | \$ | \$ |
| Section 2 Subtotal | | | | | \$ |

| Item | Description of Work | Unit | Estimated Quantity | Unit Price | Amount |
|--|---|--------|--------------------|------------|--------|
| Section 3: Sanitary Sewer Main Installation: | | | | | |
| 3.1 | Asphalt/concrete stripping and disposal-50mm | m2 | 180 | \$ | \$ |
| 3.2 | Excavating (3.0m) and backfilling (2.2m) with class 1 native soil. | lin.m. | 60 | \$ | \$ |
| 3.3 | Place granular bedding materials c/w 95% compaction as mentioned on attached drawing. | Lin.m. | 60 | \$ | \$ |
| 3.4 | Supply and install 200mmx150mm Tee as mentioned on the attached drawing. | ea | 1 | \$ | \$ |
| 3.5 | Supply and install 150mm dia. SDR35 PVC Sanitary Sewer Pipes. | lin.m. | 60 | \$ | \$ |
| 3.6 | Supply and install 1050mm dia. manhole c/w rings, risers, frame and cover. | v.m. | 3 | \$ | \$ |
| Section 3 Subtotal | | | | | \$ |
| Subtotal All Sections | | | | | \$ |
| GST (5%) | | | | | \$ |
| PST (6%) | | | | | \$ |
| Total | | | | | \$ |

END OF SECTION

Part 1 General

1.1 SUMMARY OF WORK

.1 Work covered by contract document comprises of the following:

.1 Option 1

The work will include installing 150mm dia. sanitary sewer pipe complete with:

- Supply of 150mm dia. SDR 11 – HDPE sanitary sewer pipes and necessary accessories
- Installing sanitary sewer pipe by the method of **Directional Drilling** with grade shown on the attached drawing
- Digging holes for setting up equipment and tie-in existing sanitary sewer main
- Backfilling with class 1 subgrade, subbase, base course and asphalt patching as shown on the attached drawing.
- Supply and install 1050mm manhole complete with rings, riser, frame and cover as shown on the attached drawing
- Site restoration similar or better than existing condition.

.2 Option 2

The work include

- Saw cut and remove existing asphalt, removing base materials, sub base, and digging subgrade as shown on the attached drawing,
- Supply and install 150mm dia. SDR 35-PVC sanitary sewer pipes complete with necessary accessories shown on the attached drawing,
- Install 1050mm dia. Concrete manhole complete with rings, risers, frames and cover and necessary accessories,
- Backfill with necessary materials as shown on the attached drawing,
- Site restoration similar or better than existing condition.

Work by Others

- .1 Material Tests.
- .2 Locating and daylighting existing underground utilities.

Contractor Use of Premises

- .1 Works shall be completed within the limits of the City of Yorkton noise bylaw.
- .2 Contractor shall limit use of premises for Work, for storage, and for access to allow for:
 - .1 Owner occupancy.
 - .2 Work by other contractors.
- .3 Co-ordinate use of premises under direction of the City Engineer.

Owner Occupancy

- .1 Owner will occupy premises during entire construction period for execution of normal operations.
- .2 Co-operate with Owner in scheduling operations to minimize conflict and to facilitate Owner usage.

SCHEDULE

Provide detailed project schedule within 7 working days of Award of Contract date showing activity sequencing, interdependencies and duration estimates. Include listed activities as follows:

- Mobilization
- Construction phasing
- Site clean-up, restoration, and final inspection
- Demobilization

Submittal Procedures

Administrative

Submit to the Manager of Capital Projects submittals listed for review. Submit promptly and in orderly sequence to not cause delay in Work. Failure to submit in ample time is not considered sufficient reason for extension of Contract Time and no claim for extension by reason of such default will be allowed.

Do not proceed with Work affected by submittal until review is complete.

Present shop drawings, product data, samples and mock-ups in SI Metric units.

Where items or information is not produced in SI Metric units converted values are acceptable.

Review submittals prior to submission to the Manager of Capital Projects. This review represents that necessary requirements have been determined and verified, or will be, and that each submittal has been checked and co-ordinated with requirements of Work and Contract Documents. Submittals not stamped, signed, dated and identified as to specific project will be returned without being examined and considered rejected.

Notify the Owner in writing at time of submission, identifying deviations from requirements of Contract Documents stating reasons for deviations.

Verify field measurements and affected adjacent Work is co-ordinated.

Contractor's responsibility for errors and omissions in submission is not relieved by the Manager of Capital Projects review of submittals.

Contractor's responsibility for deviations in submission from requirements of Contract Documents is not relieved by the Manager of Capital Projects review.

Keep one reviewed copy of each submission on site.

Project Meetings

Administrative

The Manager of Capital Projects will schedule and administer project progress meetings throughout progress of work.

The City Engineer to provide physical space and make arrangements for meetings.

Contractors' superintendent and representatives of subcontractors authorized to act on behalf of the party each represents to attend meetings.

Discuss project schedule at meetings, identify activities that are behind schedule and provide measures to make up lost time without compromising the scope or quality of work. Activities considered behind schedule are those with projected start or completion dates later than current approved dates shown on the baseline schedule.

The City Engineer may record and distribute meetings minutes.

Regulatory Requirements

Regulations affecting work include but are not limited to the following:

- Environment Canada
- Fisheries and Oceans Canada
- Navigable Transportation Agency of Canada
- National Building Code
- National Transportation Agency of Canada
- Occupation Health and Safety Act
- Saskatchewan Water Security Agency
- Saskatchewan Ministry of Environment
- Saskatchewan Ministry of Highways and Infrastructure
- Saskatchewan Power Corporation
- Sasktel
- Access Communications
- TransGas
- SaskEnergy
- Local Municipal By-laws and Servicing Standards
- All other National, Provincial, Regional, and Local Regulatory Bodies

The Contractor is required to coordinate construction activities with any removals, installations, and alterations required as part of the project by any of the above noted agencies.

Field Engineering

Survey Requirements

City's Department of Engineering to provide surveyor(s) for construction staking.

Engineering Department to provide all stakes, batter boards and other survey/staking materials, to illustrate the horizontal and vertical construction requirements.

Provide a minimum of 48 hours' notice to Department of Engineering for construction staking.

Preserve permanent reference points during construction.

Records: Department of Engineering to maintain a complete, accurate log of control and survey work as it progresses.

Subsurface Conditions: Promptly notify Department of Engineering in writing if subsurface conditions at Place of the Work differ materially from those indicated in Contract Documents, or reasonable assumption of probable conditions based thereon.

After prompt investigation, should Department of Engineering determine that conditions do differ materially; instructions will be issued for changes in the Work as provided in the contract procedures for Changes in the Work.

Quality Control

Inspection

Allow the City Engineer and Owner access to Work. If part of Work is in preparation at locations other than Place of Work, allow access to such Work whenever it is in progress.

Give timely notice requesting inspection if Work is designated for special tests, inspections or approvals by Owner instructions, or law of Place of Work.

If Contractor covers or permits to be covered Work that has been designated for special tests, inspections or approvals before such is made, uncover such Work, have inspections or tests satisfactorily completed and make good such Work.

The City Engineer may order any part of Work to be examined if Work is suspected to be not in accordance with Contract Documents. If, upon examination such work is found not in accordance with Contract Documents, correct such Work and pay cost of examination and correction.

Independent Inspection Agencies

Independent Inspection/Testing Agencies will be engaged by owner for purpose of inspecting and/or testing portions of Work. Cost of such services will be borne by owner.

Provide equipment required for executing inspection and testing by appointed agencies.

Employment of inspection/testing agencies does not relax responsibility to perform Work in accordance with Contract Documents.

If defects are revealed during inspection and/or testing, appointed agency will request additional inspection and/or testing to ascertain full degree of defect. Correct defect and irregularities as advised by the City Engineer. Pay costs for retesting and re-inspection.

Access to Work

Allow inspection/testing agencies access to Work, off site manufacturing and fabrication plants.

Co-operate to provide reasonable facilities for such access.

Procedures

Notify appropriate agency and City Engineer in advance of requirement for tests, in order that attendance arrangements can be made.

Submit samples and/or materials required for testing, as specifically requested in specifications. Submit with reasonable promptness and in an orderly sequence so as not to cause delay in Work.

Provide labour and facilities to obtain and handle samples and materials on site. Provide sufficient space to store and cure test samples.

Rejected Work

Remove defective Work, whether result of poor workmanship, use of defective products or damage and whether incorporated in Work or not, which has been rejected by City Engineer as failing to conform to Contract Documents. Replace or re-execute in accordance with Contract Documents.

Make good other Contractor's work damaged by such removals or replacements promptly.

If in opinion of the City Engineer it is not expedient to correct defective Work or Work not performed in accordance with Contract Documents, City Engineer may deduct from Contract Price difference in value between Work performed and that called for by Contract Documents, amount of which shall be determined by the City Engineer.

Reports

Submit an electronic (pdf) copy of inspection and test reports to the City Engineer.

Provide copies to Subcontractor of work being inspected or tested and/or manufacturer or fabricator of material being inspected or tested.

Temporary Utilities

Dewatering: Provide temporary drainage and pumping facilities to keep excavations and site free from standing water.

Water Supply

Water required for the project will be supplied by the City of Yorkton at no direct cost to the contractor. The Contractor is responsible for obtaining the water from the following location which will be determined by the City:
Onsite through a City specified hook up point with a metered control box.
Contractor to ensure backflow prevention device(s) are installed as required on all water supply connections.

Construction Facilities

Provide construction facilities in order to execute work expeditiously.

Remove from site all such work after use.

Site Storage/Loading

Confine work and operations of employees by Contract Documents. Do not unreasonably encumber premises with products.

Do not load or permit to load any part of Work with a weight or force that will endanger the Work.

Construction Parking

Parking will be permitted on site provided it does not disrupt performance of Work.

Provide and maintain adequate access to project site.

Build and maintain temporary roads where indicated or directed by the City Engineer during period of Work.

If authorized to use existing roads for access to project site, maintain such roads for duration of Contract and make good damage resulting from use of roads.

Security: Provide and pay for responsible security personnel to guard site and contents of site after working hours and during holidays.

Equipment, Tool and Materials Storage

Provide and maintain, in a clean and orderly condition, lockable weatherproof sheds for storage of tools, equipment and materials.

Locate materials not required to be stored in weatherproof sheds on site in a manner to cause least interference with work activities.

Sanitary Facilities

Provide sanitary facilities for work force in accordance with governing regulations and ordinances.

Post notices and take such precautions as required by local health authorities. Keep area and premises in sanitary condition.

Construction Signage

No other signs or advertisements, other than pertinent construction warning signs, are permitted on site.

Maintain approved signs and notices in good condition for duration of project, and dispose of off-site on completion of project or earlier if directed by the City Engineer.

Temporary Barriers and Enclosures

Access To Site: Provide and maintain access roads, sidewalk crossings, ramps and construction runways as may be required for access to Work.

Public Traffic Flow: Provide and maintain competent signal flag operators, traffic signals, barricades and flares, lights, or lanterns as required to perform Work and protect the public.

Fire and RCMP Routes: Maintain access to property including overhead clearances for use by emergency response vehicles.

Protection For Off-Site And Public Property

Protect surrounding private and public property from damage during performance of Work.
Be responsible for damage incurred.

Common Product Requirements

Quality

- Products, materials, equipment and articles (referred to as products throughout specifications) incorporated in Work shall be new, not damaged or defective, and of best quality (compatible with specifications) for purpose intended. If requested, furnish evidence as to type, source and quality of products provided.
- Defective products, whenever identified prior to completion of Work, will be rejected, regardless of previous inspections. Inspection does not relieve responsibility, but is precaution against oversight or error. Remove and replace defective products at own expense and be responsible for delays and expenses caused by rejection.
- Should any dispute arise as to quality or fitness of products, decision rests strictly with the City Engineer based upon requirements of Contract Documents.
- Unless otherwise indicated in specifications, maintain uniformity of manufacture for any particular or like item throughout building.
- Permanent labels, trademarks and nameplates on products are not acceptable in prominent locations, except where required for operating instructions.

Availability

- Immediately upon signing Contract, review product delivery requirements and anticipate foreseeable supply delays for any items. If delays in supply of products are foreseeable, notify the Owner of such, in order that substitutions or other remedial action may be authorized in ample time to prevent delay in performance of Work.
- In event of failure to notify the City Engineer at commencement of Work and should it subsequently appear that Work may be delayed for such reason, the City Engineer reserves the right to substitute more readily available products of similar character, at no increase in Contract Price or Contract Time.

Storage, Handling, and Protection

- Handle and store products in manner to prevent damage, adulteration, deterioration and soiling and in accordance with manufacturer's instructions when applicable.
- Store packaged or bundled products in original and undamaged condition with manufacturer's seal and labels intact. Do not remove from packaging or bundling until required in Work.
- Store products subject to damage from weather in weatherproof enclosures.
- Keep sand, when used for grout or mortar materials, clean and dry. Store sand on wooden platforms and cover with waterproof tarpaulins during inclement weather.
- Touch-up damaged factory finished surfaces to Owner's satisfaction. Use touch-up materials to match original. Do not paint over name or ID plates.

Transportation

- Contractor to pay costs of transportation of products required in performance of Work.
- Transportation cost of products supplied by Owner will be paid for by the Owner. Unload, handle and store such products.

Manufacturer's Instructions

- Unless otherwise indicated in specifications install or erect products in accordance with manufacturer's instructions. Do not rely on labels or enclosures provided with products. Obtain written instructions directly from manufacturers.

Notify the Owner in writing, of conflicts between specifications and manufacturer's instructions, so that the Owner may establish course of action.

Improper installation or erection of products, due to failure in complying with these requirements, authorizes Owner to require removal and re-installation at no increase in Contract Price or Contract Time.

Quality of Work

Ensure Quality of Work is of highest standard, executed by workers experienced and skilled in respective duties for which they are employed. Immediately notify the City Engineer if required Work is such as to make it impractical to produce required results.

Do not employ anyone unskilled in their required duties. The City Engineer reserves right to require dismissal from site, workers deemed incompetent or careless.

Decisions as to standard or fitness of Quality of Work in cases of dispute rest solely with the City Engineer, whose decision is final.

Co-Ordination

Ensure cooperation of workers in laying out Work. Maintain efficient and continuous supervision.

Be responsible for coordination and placement of openings, sleeves and accessories.

Remedial Work

Perform remedial work required to repair or replace parts or portions of Work identified as defective or unacceptable. Coordinate adjacent affected Work as required.

Perform remedial work by specialists familiar with materials affected. Perform in a manner to neither damage nor put at risk any portion of Work.

Cleaning

Project Cleanliness

Maintain Work in tidy condition, free from accumulation of waste products and debris.

Remove waste materials from site at regularly scheduled times or dispose of as directed by the City Engineer.

Make arrangements with and obtain permits from authorities having jurisdiction for disposal of waste and debris.

Remove waste material and debris from site.

Store volatile waste in covered metal containers, and remove from premises at end of each working day.

Final Cleaning

When Work is Substantially Performed, remove surplus products, tools, construction machinery and equipment not required for performance of remaining Work.

Remove waste products and debris other than that caused by others, and leave Work clean and suitable for occupancy.

Prior to final review, remove surplus products, tools, construction machinery and equipment.

Sweep and wash clean paved areas.

Closeout Procedures

Inspection and Declaration

Contractor's Inspection: The Contractor and all Subcontractors shall conduct an inspection of Work, identify deficiencies and defects, and repair as required to conform to Contract Documents.

Notify the City Engineer in writing of satisfactory completion of Contractor's Inspection and that corrections have been made.

Request City Engineer/Owner's Inspection.

City Engineer's Inspection: The City Engineer, Owner and Contractor will perform inspection of Work to identify obvious defects or deficiencies. The Contractor shall correct Work accordingly.

Completion: submit written certificate that following have been performed:

Work has been completed and inspected for compliance with Contract Documents.

Defects have been corrected and deficiencies have been completed.

Systems have been tested and are fully operational.

Work is complete and ready for Final Inspection.

Final Inspection: when items noted above are completed, request final inspection of Work by the City Engineer and the Owner. If Work is deemed incomplete by the City Engineer and/or the Owner, complete outstanding items and request re-inspection.

Declaration of Substantial Performance: when the City Engineer and the Owner consider deficiencies and defects have been corrected and it appears requirements of Contract have been substantially performed, make application for certificate of Substantial Performance.

Commencement of Lien and Warranty Periods: Date of Owner's acceptance of submitted declaration of Substantial Performance shall be date for commencement for warranty period and commencement of lien period unless required otherwise by lien statute of Place of Work.

Final Payment: When the City Engineer and the Owner consider final deficiencies and defects have been corrected and it appears requirements of Contract have been totally performed, make application for final payment. If Work is deemed incomplete by the City Engineer and/or the Owner, complete outstanding items and request reinspection.

Payment of Holdback: After issuance of certificate of Substantial Performance of Work, submit an application for payment of holdback amount in accordance with Builders Lien Act.

Closeout Submittals

Record Drawings and Samples

Maintain for the Owner one record copy of:

Contract Drawings.

Specifications.

Addenda.

Change Orders and other modifications to the Contract.

Reviewed shop drawings, product data, and samples.

Field test records.

Inspection certificates.

Manufacturer's certificates.

Store record documents and samples in field office apart from documents used for construction. Provide files, racks, and secure storage.

Label record documents and file in accordance with Section number listings in List of Contents of this Project Manual. Label each document "PROJECT RECORD" in neat, large, printed letters.

Maintain record documents in clean, dry and legible condition. Do not use record documents for construction purposes.

Keep record documents and samples available for inspection by the Owner.

Recording Actual Site Conditions

Record information on set of black line opaque drawings

Record information concurrently with construction progress.

Contract Drawings and shop drawings: legibly mark each item to record actual construction, including:

Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.

Field changes of dimension and detail.

Changes made by change orders.

Details not on original Contract Drawings.

References to related shop drawings and modifications.

Specifications: legibly mark each item to record actual construction.

Other Documents: maintain manufacturer's certifications, inspection certifications, and field test records required by individual specifications sections.

Warranties and Bonds

Separate each warranty or bond with index tab sheets keyed to Table of Contents listing.

List subcontractor, supplier, and manufacturer, with name, address, and telephone number of responsible principal.

Obtain warranties and bonds, executed in duplicate by subcontractors, suppliers, and manufacturers, within [ten] days after completion of the applicable item of work.

Except for items put into use with Owner's permission, leave date of beginning of time of warranty until the Date of Substantial Performance is determined.

Verify that documents are in proper form, contain full information, and are notarized.

Co-execute submittals when required.

Retain warranties and bonds until time specified for submittal.

Products

NOT USED

Execution

NOT USED

END OF SECTION

PUBLIC LIBRARY

Ø200XØ150mm Tee(Prop)

47m-Ø150mm PVC @ 0.5%

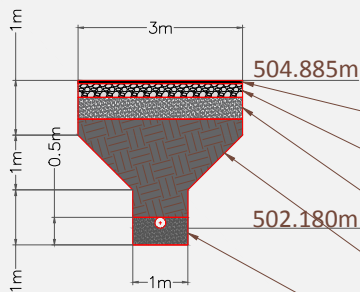
10m-Ø150mm PVC

1050mm Manhole(Prop)

Prop S.S.S.(option-1)

Ø200mm CT (Exist.)

Maple Avenue

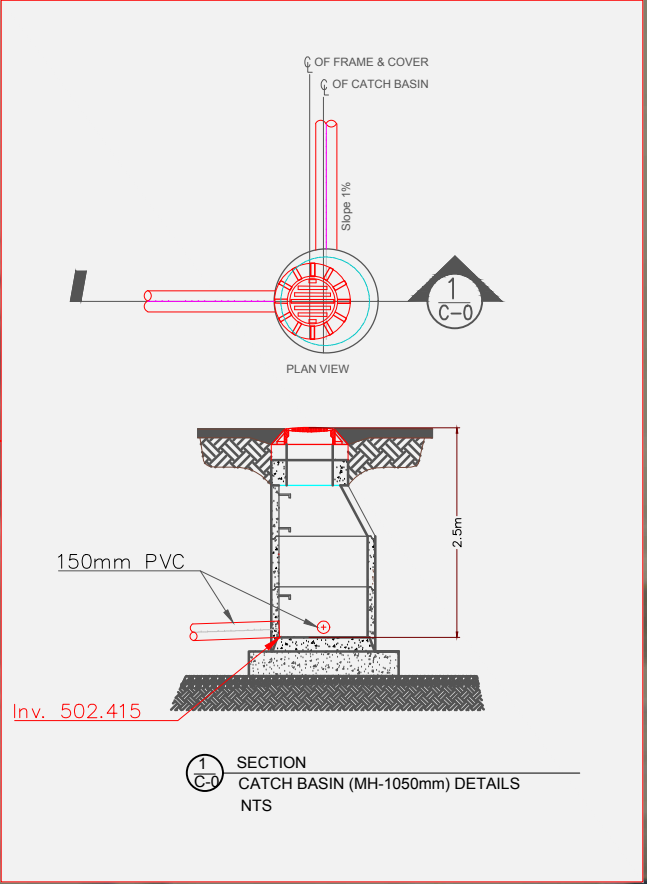


SECTION
TRENCHING DETAILS
NTS

- Asphalt -50mm
- Base Course(200mm)-98% compacted
- Granular Sub-base (400mm)-98% compacted
- Subgrade-95% Compacted
- Granular Bedding Material-98% Compacted

Ø300mm CT (Exist.)

Broadway Street



Sanitary Sewer Service Line
Yorkton Public Library
OPTION-1