



CITY OF GRANDE PRAIRIE
INFRASTRUCTURE & PROTECTIVE SERVICES
COMMITTEE AGENDA

MARCH 20, 2018 AT 9:00 AM
FIRST FLOOR, NORTH CONFERENCE ROOM, CITY HALL

ATTENDEES

Councillor J. Clayton, Chair
Councillor C. Blackburn

Councillor E. Friesen
Mayor B. Given

1. DELEGATIONS

- 1.1. Regional Director Ryan Konowalyk - Alberta
Transportation

2. REPORTS

- 2.1. Tender T-01-552-18 - Road Rehabilitation & Overlay
Phase 1 Mark Hoseasson
- 2.2. Tender T-04-552-18 - 2018 Storm Sewer
Rehabilitation Mike Harvard
- 2.3. Tender T-03-552-18 Downtown Rehabilitation - Phase
3 Conor Coney

3. OTHER BUSINESS

- 3.1. Downtown Rehabilitation Project - Verbal Update Monty Haughian

4. OUTSTANDING ITEMS LIST

ADMINISTRATIVE REPORT (RFP / TENDER)

TO: Robert Nicolay, City Manager	DATE: March 20, 2018
FROM: Mark Hoseasson, Project Technologist	MEETING: Infrastructure & Protective Services Committee
SUBJECT: Tender T-01-552-18 – 2018 Road Rehabilitation & Overlay Phase 1	

RECOMMENDATIONS

Committee recommend Council award Tender T-01-552-18 to Wapiti Gravel Suppliers Ltd., for \$3,125,091.74 exclusive of GST, as the lowest, qualified bidder meeting City specifications.

PREVIOUS COUNCIL / COMMITTEE DIRECTIONS

City Council approved:

- The 2015-2018 Long Term Capital Plan which provided a total of \$8,000,000.00 for the design and construction of the Road Rehabilitation and Overlay program for fiscal year 2018. Municipal Sustainability Initiative (MSI) Grant, Federal Gas Tax Fund and Capital Tax fund the program.
- The award of RFP-15-552-16 Engineering Services to Beirsto & Associates Engineering Ltd., for the subject program for \$1,061,697.50 (excluding GST).

BACKGROUND

Road Rehabilitation and Overlay Program is an annual program responsible for the upgrading and preservation of the City of Grande Prairie’s existing road network.

The Program sites are determined using the annual Road Matrix survey data, consultation with Transportation Services and on site evaluations by the design consultant and administration.

This tender consists of four full road rehabilitation sites.

A full road rehabilitation is required when the existing road structure is not adequate to support the existing traffic loads. This work will consist of removing all asphalt and either spot removal (3 sites) or full removal (1 site) of concrete curbs, gutters, and sidewalks. The road will be excavated down to the depth required to install a new gravel base. New concrete curb and gutters will be installed followed by the new asphalt pavement surface. The 97 Ave and 112 Street sites will also receive the addition of a new sidewalk on one side of the road. The project sites also includes various storm sewer repairs.

ANALYSIS

Relationship to City Council's Focus Areas / Strategic Directions

Investing in infrastructure to meet burgeoning demand and future needs

Environmental Impact

Removed concrete, and asphalt material will be retained by the City for repurposing.

The City of Grande Prairie Parks Department reviews the sites prior to construction to trim trees as a preventive measure to minimize negative impacts to existing City trees by the construction operations.

Economic Impact

There are no significant economic impacts. The tender results are within the preliminary estimate for this project.

STAKEHOLDER ENGAGEMENT

Engineering Service staff will hand deliver a notice to each business in the construction limits to establish a contact person and offer an opportunity to address concerns prior to the start of the project.

The Engineering Consultant will also hand distribute notices to each home inside the construction limits prior to construction. This is to establish a contact person and to offer an opportunity to address any concerns prior to the start of the project.

The Construction Contractor is also required to hand distribute a notice for the start of construction to each home or business inside the construction limits no later than 3 days in advance of any activity.

Engineering Services will work with the City Communication Department prior to and during construction to keep the public informed.

BUDGET / FINANCIAL IMPLICATIONS

City of Grande Prairie Council has approved \$8,000,000 Budget for the Road Rehabilitation and Road Overlay Program for 2018. The program is funded \$250,000 from Capital tax, \$750,000 from Gas tax fund and \$7,000,000 from the MSI grant.

Three tenders were opened on February 9th, 2018 with the following results:

Contractor	Corrected Amount* (Excluding GST)	Including Contingency (Excluding GST)
Wapiti Gravel Supplies a Division of N.P.A. Ltd.	\$2,825,091.74	\$3,125,091.74
Reco Construction (2010) Ltd	\$2,832,923.35	\$3,132,923.35
Knelsen Sand & Gravel Ltd.	\$2,986,882.22	\$3,286,882.22

*Mathematical errors are corrected to determine final bid prices as outlined in the tender documents.

Engineering Services staff has added a contingency amount of \$300,000 to the tender.

SUMMARY / CONCLUSION

That Committee recommend Council award Tender T-01-552-18 to Wapiti Gravel Suppliers Ltd., for \$3,125,091.74 exclusive of GST, as the lowest, qualified bidder meeting City specifications.

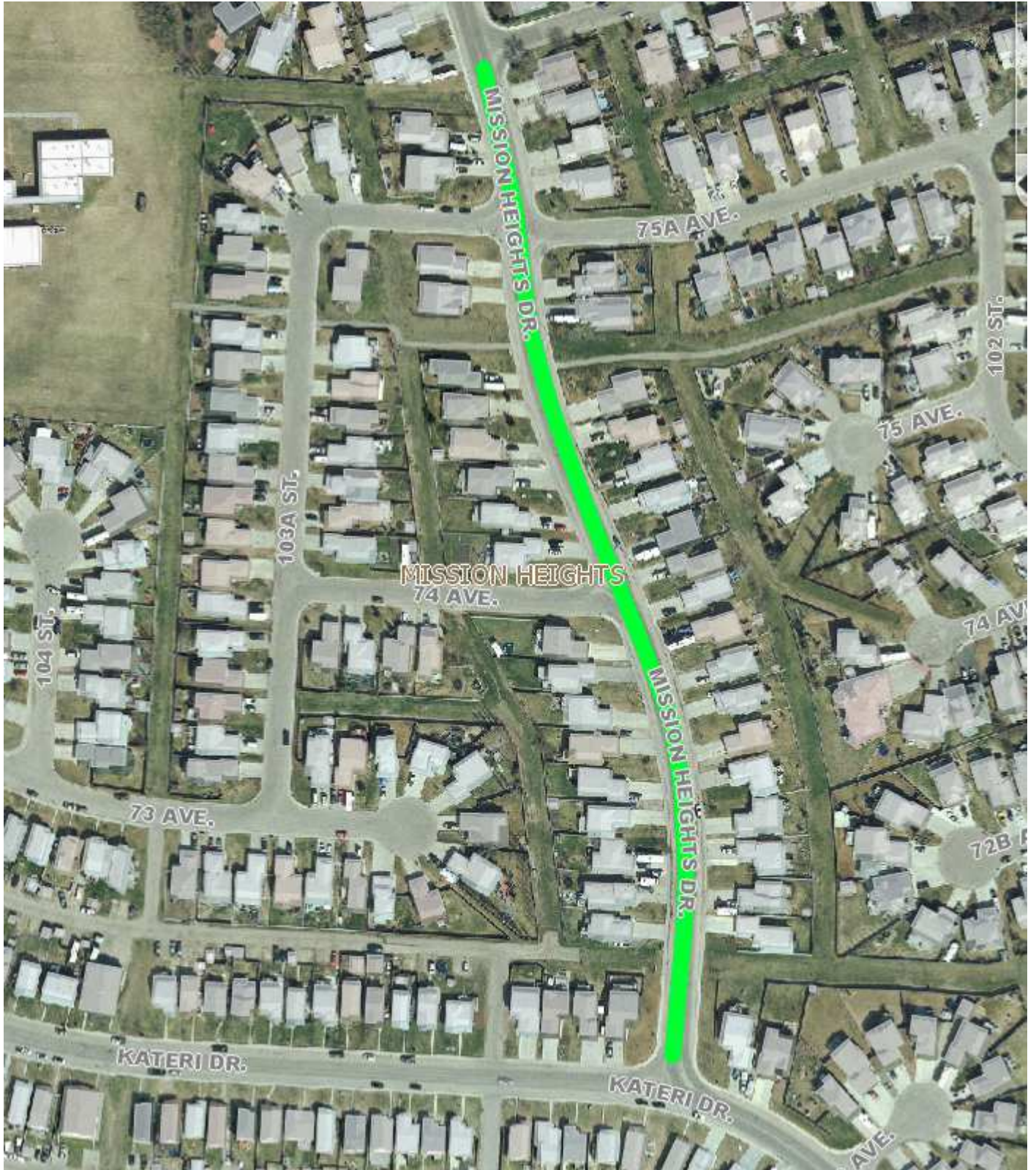
ATTACHMENTS

Attachment 1 – Location Maps

97 Ave from 112 St. to 116 St. & 112 Street from 116 Ave (Hwy 43) to 97 Ave



Mission Heights Drive from 76 Ave to Kateri Dr.



Patterson P loop off 76 Ave (94 St/94A St/78 Ave/77 Ave)



ADMINISTRATIVE REPORT (RFP / TENDER)

TO: Robert Nicolay, City Manager	DATE: March 20, 2017
FROM: Mike Harvard, Development Engineer	MEETING: Infrastructure & Protective Services Committee
SUBJECT: Tender T- 04-552-18 – 2018 Storm Sewer Rehabilitation	

RECOMMENDATIONS

Committee recommend Council award Tender T-04-552-18 to Reco Construction (2010) Ltd., for \$734,327.07 exclusive of GST, as the lowest qualified bidder meeting City specifications.

PREVIOUS COUNCIL / COMMITTEE DIRECTIONS

City Council approved:

- The 2015-2018 Long Term Capital Plan which provided a total of \$1,500,000.00 for the design and construction of the Storm Line Upgrade program for fiscal year 2016. This program is funded by the Municipal Sustainability Initiative (MSI) Grant.
- The award of RFP-11-552-17 Engineering Services to ISL Engineering and Land Services, for the subject program in the amount of \$97,901.00 (excluding GST).

BACKGROUND

As part of an annual program, the City completes repairs to storm line infrastructure throughout the City based on the results of the previous year's Storm Line Infrastructure Assessment.

The storm lines to be encompassed by the program are identified under the City's annual Storm Line Videoing and Flushing program and passed onto a consultant for further evaluation of their structural integrity and flow capacity. Pipes which no longer meet the minimum requirements for safe operation are then identified for replacement.

This phase of the program, the primary construction phase, combines all repairs requiring excavation as identified by ISL Engineering, for a total of eight sites throughout the City which will undergo storm line replacements. See attached map.

ANALYSIS

Relationship to City Council's Focus Areas / Strategic Directions

The Storm Line Repair program aligns with Council's Focus Area of Investing in infrastructure to meet burgeoning demand and future needs.

Environmental Impact

There are no expected negative environmental impacts as a result of conducting work on this project. Additionally, completing this project may reduce the amount of sediment and deleterious substances deposited into the downstream environment through the repair of aging infrastructure.

Economic Impact

This project is deemed to have a minimal economic impact on the City compared to the cost of inaction. Through the completion of this program, both City assets and private property are protected by reducing the risk of catastrophic infrastructure failure.

Relevant Statutes / Master Plans / City Documents

The work conducted under the Storm Drainage Master Plan (2012) formed the basis for this program through the suggestion for increased storm line inspections.

Risk

There are no expected substantial risks in proceeding with this project.

STAKEHOLDER ENGAGEMENT

The City's Engineering Services department will work with the Communications department in the preliminary stages and throughout the project to ensure the affected public and businesses remain informed of construction activities and progress. Part of this effort will include the creation of a communication plan for the duration of the project.

Engineering Services will directly consult with all major stakeholders, which was ongoing during the design phase, throughout the construction phase of the project and will solicit input on the work progress to ensure the concerns of the major stakeholders are addressed.

BUDGET / FINANCIAL IMPLICATIONS

City of Grande Prairie Council has approved \$1,500,000 budget for the Storm Line Upgrade Program for 2016. The program is solely funded by an MSI grant. Two tenders were opened on Friday February 16th, 2018 at 2:00:00 pm with the following results:

Contractor	Corrected Tender Amount* (Excluding GST)	Tender Amount Including Contingency (Excluding GST)
Reco Construction (2010) Ltd.	\$634,327.07	\$734,327.07
Wapiti Gravel Suppliers, Division of N.P.A. Ltd.	\$1,006,440.65	\$1,106,440.65

*Arithmetic errors are corrected to determine final bid prices as outlined in the tender documents. Administration has added a contingency amount of \$100,000 to the tender values.

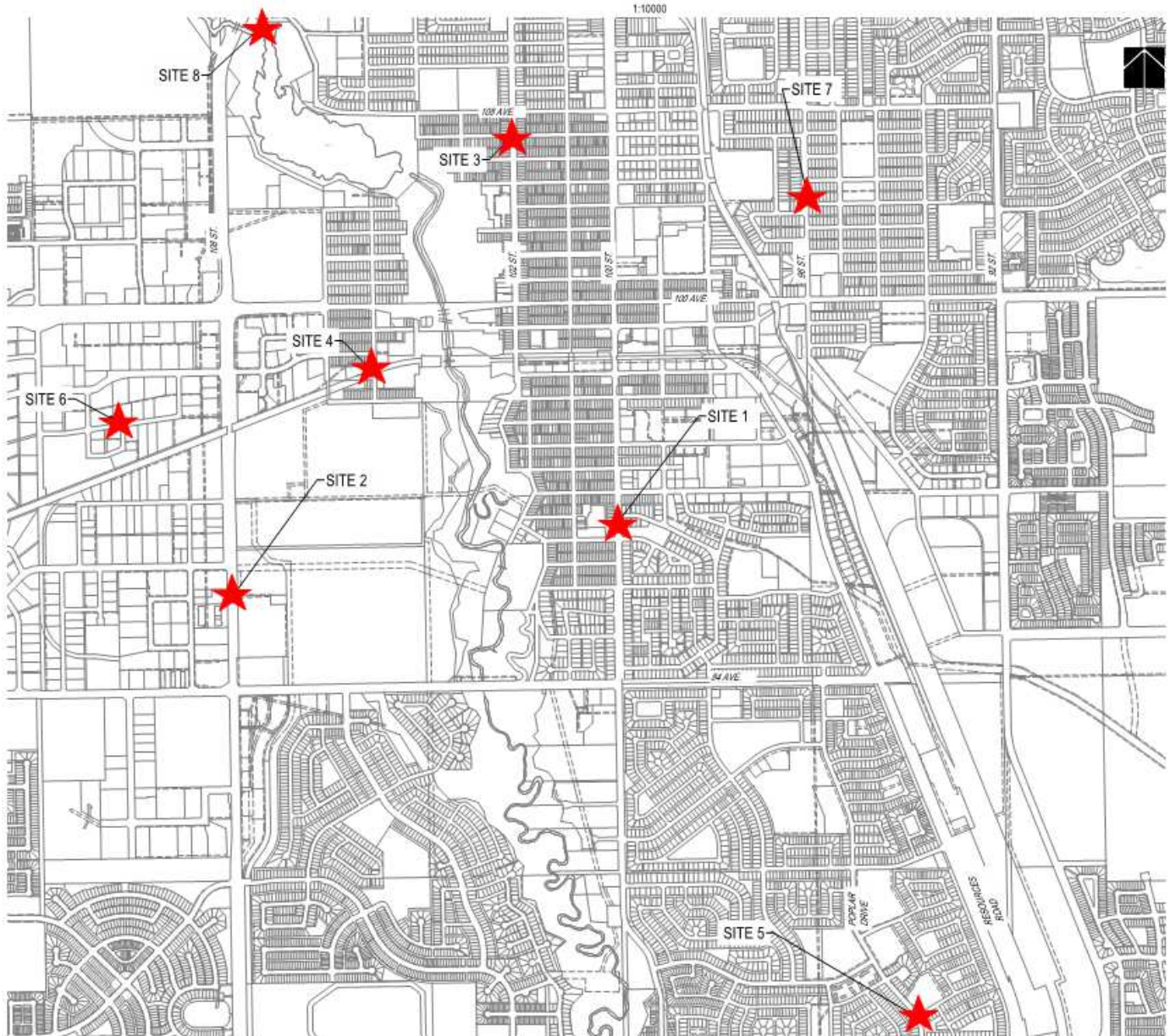
SUMMARY / CONCLUSION

Engineering Services recommends awarding T-04-552-18 to Reco Construction (2010) Ltd., for \$734,327.07 exclusive of GST, as the lowest qualified bidder meeting City specifications.

ATTACHMENTS

A key plan indicating the sites for the 2018 construction season has been included.

KEY PLAN



ADMINISTRATIVE REPORT

TO: Robert Nicolay, City Manager	DATE: March 20, 2018
FROM: Conor Coney Project Technologist Engineering Services	MEETING: Infrastructure & Protective Services Committee
SUBJECT: T - 03 - 552 - 18 Downtown Rehabilitation - Phase 3	

RECOMMENDATIONS

Committee recommend Council award T-03-552-18 Downtown Rehabilitation – Phase 3 Construction (100 Avenue between 102 Street & 100 Street) to Wapiti Gravel Suppliers, A Division of N.P.A. Ltd., in the amount of \$12,015,380.98 exclusive of GST, as the lowest qualified bidder meeting City specifications.

PREVIOUS COUNCIL / COMMITTEE DIRECTIONS

City Council approved Morrison Hershfield’s Downtown Infrastructure Assessment, Streetscape Enhancement & Rehabilitation Project, and Final Design Recommendation Report in April 2015.

On August 24, 2015 City Council awarded RFP-42-552-15 Engineering Consultant Services for the Downtown Rehabilitation and Streetscape Upgrades (101 Street & 101 Avenue) to ISL Engineering & Land Services Ltd., in the amount of \$980,704.00 exclusive of GST, as the highest evaluated proponent.

On June 27, 2016 City Council awarded Tender T-20-552-16 (Construction Services for Phases 1 & 2 of the Downtown Rehabilitation and Streetscape Upgrades) to Wapiti Gravel Suppliers, A Division of N.P.A Ltd., in the amount of \$18,225,030.86 exclusive of GST, as the lowest bid meeting City specifications.

On April 3, 2017 City Council award RFP-10-552-17 for the Engineering Consulting and Landscape Architectural Services for the Downtown Rehabilitation and Streetscape Upgrades (Phases 3 & 4, 100 Avenue) to ISL Engineering and Land Services Ltd. (ISL), in the amount of \$1,710,172.00 exclusive of GST, as the highest evaluated proponent.

On July 4, 2017 Community Safety Committee accepted the ‘Downtown Rehabilitation Project – Phases 3 & 4 (100 Avenue) – Presentation of Preliminary Plans’ for information. This report was subsequently accepted by City Council on July 10, 2017.

On November 14, 2017, the Infrastructure and Protective Services (IPS) Committee accepted an update on Phases 3 & 4 Downtown Rehabilitation Project from ISL Engineering Services for information.

On November 15, 2017, City Council approved the 2018 Budget, which included \$15,000,000 from General Debentures and \$4,000,000 from MSI for Phase 3 of the Downtown Rehabilitation Project.

BACKGROUND

The Project Limits for Phase 3 are 100 Avenue from 102 Street to 100 Street (approx. 450m).

The Scope of Work includes deep utility replacement (sanitary, storm and water services), urban roadways (utilities, sidewalks/walkways, curb & gutter and roads) and streetscape elements (landscaping, furniture, street lights, secondary electrical, irrigation, City fibre conduit and other special features).

The following have been incorporated into the design of the project:

- Widened parking lane from 3.0m to 3.3m
- Asphalt in parking lanes (no paving stone in parking lanes)
- Boulder benches incorporated into design
- Communication Strategy
- City Representative

On December 15, 2017 a 'Notice of Intent' was posted for the tender T03-552-18 to alert potential bidders to the opportunity to submit bids on Phase 3 of the Downtown Rehabilitation project.

The Tender ran from January 26, 2018 to March 6, 2018 (35+ days). A non-mandatory bidders meeting was held at the City's Service Centre building on February 15, 2018, at 1:30 p.m.

ANALYSIS

Two bids were opened on March 6 at 2:00 p.m. for T-03-552-18, the bidders and bid prices are listed below:

Rank	Bidder	Amount (Exc. GST)	Contingency	Total
1	Wapiti Gravel Suppliers, A Division of N.P.A. Ltd	\$11,015,380.98	\$1,000,000.00	\$12,015,380.98
2	Knelsen Sand and Gravel Ltd.	\$11,311,228.70	\$1,000,000.00	\$12,311,228.70

ISL Engineering & Land Services, City Procurement and Engineering Services staff have reviewed and confirmed that the requirements for the Tender submission have been met by the successful proponent for the work.

Relationship to City Council's Focus Areas / Strategic Directions

One of the four focus areas in the City Council's Strategic Plan 2015-18, is "Strengthening Our Core", the following applies to the Downtown Rehabilitation project:

Preferred Future

Grande Prairie has a vibrant urban core that meets the needs of residents and visitors. As an all-season, multi-purpose neighbourhood, our downtown is a defining element of the City. It is a pedestrian friendly, accessible gathering place, well served by transit. Downtown is an active, attractive and inclusive focal point for the community. Our city centre is a place where people live, work and play.

City Council's Strategic Directions

- Develop a vision and plan for an energetic downtown
- Enhance community mobility
- Promote residential development
- Explore alternative models of land development

Environmental Impact

An upgraded sewer system will have lower inflow and infiltration rates, thus reducing processing volumes at Aquatera's water treatment plant. Upgraded streetlights (LED lights), similar to those installed on Phases 1 & 2, will require less power to operate.

Economic Impact

Upgrades to the water and sanitary facilities planned for Phase 3 are designed to facilitate a high-density growth scenario through the process of oversizing. The upgrade and replacement of utilities requires less maintenance than the older existing water, sanitary and storm infrastructure facilities. Businesses located within the streetscape areas may benefit from wider adjacent sidewalks. Maintenance costs incurred by the City's Transportation Services Department, as well as Aquatera, will be reduced with installation of new infrastructure.

Businesses located along 100 Avenue have indicated to Administration that they are experiencing issues with existing sanitary sewer connections, as well as issues discharging sanitary flows to the main sanitary lines from buildings on the roadside of the lines.

Business, delivery, traffic and pedestrian interruptions and inconveniences are likely to be experienced during construction.

Social Impact

There will likely be social impacts experienced during the construction component of the project (noise, visual intrusion, etc.), however once complete, the upgraded sidewalks and roadway will be up to current standards. The aesthetics associated with the completion of this project will give 100 Avenue a facelift, as well as address existing infrastructure concerns (i.e. uneven sidewalks and pedestrian crossing concerns, etc.).

Relevant Statutes / Master Plans / City Documents

- UMA, City of Grande Prairie, Downtown Enhancement Plan, Bylaw C-1130 September 20, 2004, Amended September 6, 2011
- Focus Corporation, Grande Prairie Storm Drainage Masterplan, December 2013
- Morrison Hershfield's Downtown Infrastructure Assessment, Streetscape Enhancement & Rehabilitation Project, Final Design Recommendation Report in April, 2015
- AMEC Foster Wheeler, Aquatera Utilities Inc., City Intensified Redevelopment Plan Area, Study Report, October 2015

Risk

Not proceeding with this work means that additional efforts and costs may be experienced by the City's Transportation department, as well as Aquatera, due to maintaining aging infrastructure. Uneven sidewalk surfaces that currently exist along 100 Avenue will continue to be an issue for pedestrians and snow removal.

STAKEHOLDER ENGAGEMENT

The affected City departments (Transportation, Parks, Traffic, Enforcement, Transit and Fire) have been consulted throughout the design process of Phases 3 & 4 for the Downtown Rehabilitation Project. City Administration has been in contact with each department to gain their feedback and input in the design process.

There has been public consultation with residents and business owners, the Downtown Association and the Chamber of Commerce throughout the design phase of the project.

To date, Administration, along with the consultant, have hosted the following engagement events:

- Public Open House No. 1, July 4, 2017 (50 people in attendance)
- Presentation of Roll Plans to the Downtown Association – July 5, 2017
- Public Open House No. 2, September 27, 2017 (60 people in attendance)

Other communications on the project include:

- Communications with financial institutions (banks) in relation to deliveries through their front doors, which are located on 100 Avenue
- Administration has been in contact with owners of vacant lots located within the project limits to discuss future water and sanitary servicing requirements.

Monty Haughian was selected as the City's Representative for Phase 3 of the project. As the City Representative for the project he recently attended the DTA Annual General Meeting AGM on February 28, 2018.

BUDGET / FINANCIAL IMPLICATIONS

Total funding approved for the project is \$23.5 million. Currently \$15 million is from Debenture and \$4 million is from MSI and \$1.5 million from Future Expenditure Reserve. Finance is currently reviewing projects funded from MSI.

Aquatera Utilities has committed \$2,960,000 funding for replacement of sewer and water infrastructure within the project.

The estimates for all components of this project, including construction, engineering, and administration are within the approved budget. A financial breakdown of all components will be provided once details are confirmed.

SUMMARY / CONCLUSION

Engineering Services recommends awarding T-03-552-18 to Wapiti Gravel Suppliers, A Division of N.P.A. Ltd., for \$12,015,380.98 exclusive of GST, as the lowest qualified bidder meeting the City's specifications.

ATTACHMENTS

Map Showing Phase 3 Project Limits

2018 Downtown Rehab Project Limits (100 Ave from 102 St to 100 St).



INFRASTRUCTURE & PROTECTIVE SERVICES COMMITTEE - OUTSTANDING ITEMS LIST - MARCH 20, 2018

ID	Subject	Requested on	People Responsible	Item Notes	Expected Report Date
948	Request to Amend Sign Bylaw	3/6/2018	Management	Committee direct Management review the proposal from the delegate regarding changes to the sign bylaw and report back to Committee.	
949	Alberta Transportation Update	3/6/2018	Management	Committee direct Management invite the Regional Director of Alberta Transportation to attend a future Committee meeting to provide an update on Highway 40 and Highway 43X.	
947	Enforcement Orders	2/20/2018	Joe Johnson	Committee direct Administration bring back a report regarding information on Enforcement Orders to a future Infrastructure & Protective Services Committee meeting.	4/17/2018

937	Supervised Consumption Services	2/6/2018	Joe Johnson	<p>Committee direct Administration to undertake a strategic approach to Supervised Consumption Services in the City of Grande Prairie, specifically:</p> <ul style="list-style-type: none"> •Prepare for Council’s consideration, an amendment to the Land Use Bylaw to add a definition for Supervised Consumption Services, without proposing to add the definition to any land use district at this time. •Monitor Federal and Provincial legislation. •Consult with internal departments and external stakeholders to ensure the impacts of Supervised Consumption Services are understood and addressed. •Engage with HIV North for initial consideration of possible location needs for a Supervised Consumption Service (SCS). •Prepare for Council’s consideration, amendments to the Land Use Bylaw for a specific location(s) for a permanent Supervised Consumption Service, having regard for all relevant legislation and stakeholder input. <p>AND FURTHER Committee direct Administration amend the strategic approach to include the following:</p> <ul style="list-style-type: none"> •Develop a municipal opinion on a federal waiver, and; •Develop a draft Community Consultation Process for a mobile SCS site. <p>** Amendments to the Land Use Bylaw to be brought to Council on April 9th.</p>	4/9/2018
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939	Development Permit PL160252 - CAIRN Building	2/6/2018	IPS	<p>1. Committee direct Administration amend Development Permit PL160252 to require landscaping improvements and protective poured curbing around landscaped areas, to be completed no later than July 31, 2018, and report back to Council.</p> <p>2. Committee direct Administration amend Development Permit PL160252 to extend the deadline for completion of paving as specified in the current permit to no later than July 31, 2019 and report back to Council.</p> <p>3. Committee direct Administration amend Development Permit PL160252 to include a condition for submission of securities for landscaping as indicated in the report, effective in 2018, and report back to Council.</p>	3/26/2018
930	St John Paul II Catholic School - Traffic Safety	1/23/2018	Robin Hutchinson	<p>Committee direct Administration report back to Committee with responses specifically related to the following requests outlined in the letter:</p> <p>1.A controlled cross walk at 108 Street and 132 Avenue;</p> <p>2.A full functioning traffic signal at the corner of 132 Avenue and Arbour Hills Boulevard, alternatively, a traffic signal at 132 Avenue and 108 Street; and</p> <p>3.City transit service at St. John Paul II similar to service available to St. Joseph, the Composite School and Charles Spencer.</p>	4/3/2018
931	Regional Industrial Land Inventory	1/23/2018	Brian Glavin	Committee direct Administration bring a report back to Committee providing information on industrial land inventory in the region.	4/17/2018
912	Subdivision Time Extensions - Small and Large Developments	11/28/2017	Brenda Sherback	<p>Council refer the request to create policy to include different time extensions for small and large developments to the appropriate Standing Committee for further discussion.</p> <p>Administration is working with stakeholders to assist with this request.</p>	4/17/2018

900	Municipal Regulation of Retail Sales of Cannabis	6/13/2017	Joe Johnson/ Koji Miyaji	Committee direct Administration to undertake a strategic, inter-departmental approach to cannabis regulations in the City of Grande Prairie. (A Cannabis Form & Fold Team has been established to take a coordinated approach. The team will report back to committee when more information is available.)	3/20/2018
892	Industrial Redevelopment Strategy	5/16/2017	Joe Johnson/Brian Glavin	Administration will assess whether an industrial redevelopment strategy is warranted (eg. Richmond Industrial Park).	4/3/2018
786	Hospital Area Parking Options	4/26/2016	Brian Glavin	Proposal forwarded to AHS, awaiting response.	3/20/2018