

April 26, 2021

Report To: Mayor and Council

From: Travis Rob, Manager of Operations and Facilities

RE: Award of Tender 21-OF-02 – 2021 Road Reconstruction

During the week of March 11, 2021, the Town advertised for a Tender Call for the 2021 Roadway Reconstruction being the reconstruction of Armit Avenue from Church Street to Scott Street, reconstruction of Kings Highway from Pit Road 2 to Oakwood Road, Construction of Sidewalk along Keating Avenue from J.W. Walker School to Second Street West, Construction of sidewalk along Colonization Road West from Riverview Cemetery to Biddeson Avenue, Storm Sewer Spot Repair Front Street at Williams Avenue, Replacement of Entrance Slabs at the Fire Hall, Construction of a parking lot at the new Ambulance Garage (tendered on behalf of RRDSSAB) and various water valves and hydrants with the tender closing on Tuesday, April 13, 2021. Advertisements were placed in the Fort Frances Times, Chronicle Journal, Thunder Bay Construction Association, Winnipeg Construction Association and on the Town of Fort Frances website.

Five (5) tender packages were distributed to construction contractors and/or suppliers with two (4) Contractors submitting tender bids;

Contractor	Price (HST Included plus \$150,000.00 Contingency Allowance)
Tom Veert Contracting	\$4,868,020.79
George Armstrong Company	\$3,589,208.83
Makkinga Contracting	\$3,532,500.63
Bay City Contracting	\$3,284,845.59

The works tendered consisted of eight (8) individual projects to be completed in 2021, and two in 2022. The projects are as follows:

2021 Construction Program

1. Reconstruction of Armit Avenue from Scott Street to Church Street

Full recondition of Armit Avenue including the replacement of sanitary sewer main, watermain, asphalt surface, storm sewer and landscaping including the construction of a concrete sidewalk along the west portion of the road.

2. Kings Highway Reconstruction from Pit Road 2 to Oakwood Road

Full roadway reconstruction and widening to four lanes including ditching upgrades and concrete curb and gutter. This work is dependent on receipt of Connecting Link Funding.

3. Sidewalk along Colonization Road West from Riverview Cemetery to Biddeson Avenue.

The construction of a concrete sidewalk along the south side of the road from Riverview Cemetery to Biddeson Avenue connecting two sidewalk sections. This project is dependent on ICIP COVID funding.

4. Sidewalk Construction on Keating Avenue from J.W. Walker School to Second Street

This project is a partnership with Rainy River District School Board, the Northwest Catholic District School Board and the Town of Fort Frances. This will result in a new sidewalk along the west side of Keating Avenue from J. W. Walker School to Second Street.

5. Fire Hydrant and Valve Replacement (Various Locations)

Replacement of problem hydrant and valve sets in various locations around town.

6. Replacement of the primary entry slab at the Firehall

The primary entry slab at the Fort Frances Fire Hall is severely cracked and poses a tripping hazard. The contractor would be removing and replacing this slab to the roadway including the curb and gutter as well as two sections of severely heaved sidewalk to the south.

7. Parking Lot grading and paving at 737 Scott Street

This project was tendered on request of DSSAB to help obtain better pricing to complete the parking lot at their new ambulance garage at the corner of Scott Street and Butler Avenue. This work will be paid by DSSAB in full.

8. Williams Avenue Storm Sewer Large Spot Repair

Replacement of a failed stormsewer main at Front Street and Williams Avenue including replacing the failed outfall and one catch basin.

2022 Construction Program

9. Surface Coarse paving of Armit Avenue

Installation of the Surface Coarse paving on Armit Avenue from Scott Street to Church Street including line painting.

10. Surface Course Paving Kings Highway

Installation of the Surface Coarse paving on Kings Highway from Pit Road 2 to Oakwood Road including line painting.

The 2021 work is scheduled to begin ASAP in May and to be completed by October 29, 2020 with the 2022 work to be completed by June 17, 2022.

In accordance with the Town's procurement policy, Administration has an obligation to point out to Council any tender irregularities. All tenders submitted were complete and compliant. **See Spreadsheet No. 1**, which outlines details on the four (4) tender bids received and the associated costs for each individual project. Also, highlighted in "green" indicates the lowest unit bid price and "red" indicates the highest unit bid price and the 2021 works are shown in "blue" text.

The Town was notified on April 9, 2021 that we were not successful in our Connecting Link Funding so the King's Highway Widening project has been removed from this tender. All other provisional or funded projects have funding in place and all partners on this tender have agreed to the tender price for the work to be undertaken. Further the number of valves and hydrants to be replaced have been adjusted to meet the budget allocation amount. With the large number of projects funded from different reserve

lines, I have broken down the overall forecasted costs by reserve to make it easier for Council to understand where the funds will come from.

Budget Summary			
Reserve	Budgeted Amount	Actual Amount	Surplus/(Deficit)
Corp. Projects	\$ 318,598.00	\$ 197,377.04	\$ 121,220.96
Corp Buildings	\$ 20,000.00	\$ 39,126.18	\$ (19,126.18)
Water/Sewer	\$ 542,338.00	\$ 295,830.30	\$ 246,507.70

As can be seen we have a budget shortfall of \$19,126.18 in the Corporate Building budget allocation relating to the replacement of the Firehall Entry slabs. Given the savings in other areas, administration recommends funding the Firehall slabs out of the Corporate Projects reserve instead of Corporate Buildings reserves.

The low tender bid was Bay City Contracting with a revised total cost of \$1,661,101.13 which includes a \$150,000 contingency allowance spread over the two years and HST. Please review the attached **Spreadsheet No. 2** - outlining the 2021 capital budget allocations for each project vs. the lowest tender bid from Bay City Contractors plus Hatch engineering costs (10%) and all funding allocations.

Please find attached a letter report from Hatch recommending that Bay City Contractors be awarded this tender as they are the low tender and, in the past, have performed well on similar projects in our community.

It is recommended by Administration that the following be approved:

- That Tender 21-OF-02 – 2021 Road Reconstruction, Watermain and Sewer Replacement be awarded to Bay City Contractors at an estimated cost of \$1,661,101.13 which includes HST and a contingency allowance of \$150,000.00.
- That the replacement of the Firehall Entry Slabs be funded out of the Corporate Projects Reserve instead of the Corporate Building Reserve.
- That prior to construction start, an open house public meeting is scheduled to ensure all property owners abutting the construction projects obtain first-hand knowledge of these projects and have the opportunity to ask any questions. The exact date of the meeting is unknown at the time of writing this report, and
- That the Mayor and Clerk be authorized to execute the contract documents on behalf of the Corporation of the Town of Fort Frances.

Respectfully Submitted



Travis Rob, P.Eng.
Manager of Operations and Facilities

Council approval of this report will ensure:

- **That Tender 21-OF-02 – 2021 Road Reconstruction, Watermain and Sewer Replacement be awarded to Bay City Contractors at an estimated cost of \$1,661,101.13 which includes HST and a contingency allowance of \$150,000.00.**
- **That the replacement of the Firehall Entry Slabs be funded out of the Corporate Projects Reserve instead of the Corporate Building Reserve.**
- **That prior to construction start, an open house public meeting is scheduled to ensure all property owners abutting the construction projects obtain first-hand knowledge of these projects and have the opportunity to ask any questions. The exact date of the meeting is unknown at the time of writing this report, and**
- **That the Mayor and Clerk be authorized to execute the contract documents on behalf of the Corporation of the Town of Fort Frances.**

							Tom Veert Contracting		George Armstrong Company		Makkinga Contracting		Bay City Contractors	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
PART 1 - ARMIT AVENUE (From Sta 1+000 To Sta 1+137) - DWG A1-364258-P10														
SECTION A - GRADING														
A.001	206, SP	Earth Excavation (Grading)	990	m ³ (P)	\$ 15.00	\$ 14,850.00	\$ 20.00	\$ 19,800.00	\$ 12.00	\$ 11,880.00	\$ 15.00	\$ 14,850.00	\$ 13.00	\$ 12,870.00
A.002	310, SP	Hot Mix HL4 Asphalt (Binder Course 60mm)	250	t	\$ 265.00	\$ 66,250.00	\$ 324.00	\$ 81,000.00	\$ 260.00	\$ 65,000.00	\$ 251.00	\$ 62,750.00	\$ 255.00	\$ 63,750.00
A.003	310, SP	Hot Mix HL4 Asphalt (Surface Course 60mm)	250	t	\$ 255.00	\$ 63,750.00	\$ 310.00	\$ 77,500.00	\$ 260.00	\$ 65,000.00	\$ 240.00	\$ 60,000.00	\$ 245.00	\$ 61,250.00
A.004	314, SP	Granular 'A'	605	t	\$ 26.00	\$ 15,730.00	\$ 35.00	\$ 21,175.00	\$ 27.00	\$ 16,335.00	\$ 24.00	\$ 14,520.00	\$ 24.00	\$ 14,520.00
A.005	314, SP	Granular 'B' (Type II)	2,475	t	\$ 28.00	\$ 69,300.00	\$ 40.00	\$ 99,000.00	\$ 25.00	\$ 61,875.00	\$ 27.00	\$ 66,825.00	\$ 24.00	\$ 59,400.00
A.006	510, SP	Removal of Asphalt Pavement (Full Depth)	1,560	m ² (P)	\$ 5.00	\$ 7,800.00	\$ 12.00	\$ 18,720.00	\$ 4.00	\$ 6,240.00	\$ 5.00	\$ 7,800.00	\$ 4.00	\$ 6,240.00
A.007	510, SP	Removal of Curb and Gutter	243	m(P)	\$ 11.00	\$ 2,673.00	\$ 12.00	\$ 2,916.00	\$ 10.00	\$ 2,430.00	\$ 30.00	\$ 7,290.00	\$ 10.00	\$ 2,430.00
A.008	353, SP	Curb and Gutter	241	m	\$ 175.00	\$ 42,175.00	\$ 230.00	\$ 55,430.00	\$ 170.00	\$ 40,970.00	\$ 206.00	\$ 49,646.00	\$ 200.00	\$ 48,200.00
A.009	510, SP	Remove Concrete Driveway	75	m ²	\$ 25.00	\$ 1,875.00	\$ 100.00	\$ 7,500.00	\$ 25.00	\$ 1,875.00	\$ 30.00	\$ 2,250.00	\$ 20.00	\$ 1,500.00
A.010	510, SP	Remove Concrete Sidewalk	331	m ²	\$ 25.00	\$ 8,275.00	\$ 200.00	\$ 66,200.00	\$ 25.00	\$ 8,275.00	\$ 30.00	\$ 9,930.00	\$ 20.00	\$ 6,620.00
A.011	351, SP	Concrete Driveway Aprons	120	m ²	\$ 235.00	\$ 28,200.00	\$ 230.00	\$ 27,600.00	\$ 250.00	\$ 30,000.00	\$ 220.00	\$ 26,400.00	\$ 210.00	\$ 25,200.00
A.012	351, SP	Asphalt Driveway Aprons	30	m ²	\$ 250.00	\$ 7,500.00	\$ 140.00	\$ 4,200.00	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00	\$ 125.00	\$ 3,750.00
A.013	310, SP	Concrete Sidewalk	175	m ²	\$ 250.00	\$ 43,750.00	\$ 203.00	\$ 35,525.00	\$ 300.00	\$ 52,500.00	\$ 200.00	\$ 35,000.00	\$ 185.00	\$ 32,375.00
A.014	Section 02930	100 mm Topsoil and Sod	550	m ²	\$ 18.00	\$ 9,900.00	\$ 30.00	\$ 16,500.00	\$ 25.00	\$ 13,750.00	\$ 15.00	\$ 8,250.00	\$ 15.00	\$ 8,250.00
A.015	510, SP	Boulevard Works Stripping and Removal	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 25,000.00	\$ 25,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 7,500.00	\$ 7,500.00
A.016	710	Pavement Markings	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 12,000.00	\$ 12,000.00	\$ 9,850.00	\$ 9,850.00	\$ 10,000.00	\$ 10,000.00
Part 1 - Total Section A - Grading						\$ 397,028.00		\$ 573,066.00		\$ 397,630.00		\$ 382,861.00		\$ 363,855.00
SECTION B - STORM SEWERS														
B.001	510, SP	Remove Existing Catchbasins and Manholes	5	ea	\$ 1,000.00	\$ 5,000.00	\$ 3,500.00	\$ 17,500.00	\$ 1,100.00	\$ 5,500.00	\$ 900.00	\$ 4,500.00	\$ 900.00	\$ 4,500.00
B.002	510, SP	Remove Existing Catchbasin Leads	25	m	\$ 20.00	\$ 500.00	\$ 250.00	\$ 6,250.00	\$ 28.00	\$ 700.00	\$ 30.00	\$ 750.00	\$ 15.00	\$ 375.00
B.003	510, SP	Remove Existing 600 mm Storm Sewer	8	m	\$ 25.00	\$ 200.00	\$ 300.00	\$ 2,400.00	\$ 33.00	\$ 264.00	\$ 30.00	\$ 240.00	\$ 35.00	\$ 280.00
B.004	510, SP	Remove Existing 525 mm Storm Sewer	20	m	\$ 25.00	\$ 500.00	\$ 300.00	\$ 6,000.00	\$ 33.00	\$ 660.00	\$ 30.00	\$ 600.00	\$ 30.00	\$ 600.00
B.005	510, SP	Remove Existing 300 mm Storm Sewer	54	m	\$ 25.00	\$ 1,350.00	\$ 300.00	\$ 16,200.00	\$ 28.00	\$ 1,512.00	\$ 30.00	\$ 1,620.00	\$ 25.00	\$ 1,350.00
B.006	510, SP	Reconnect Storm Sewer Various Sizes	3	ea	\$ 1,500.00	\$ 4,500.00	\$ 2,500.00	\$ 7,500.00	\$ 1,700.00	\$ 5,100.00	\$ 1,750.00	\$ 5,250.00	\$ 600.00	\$ 1,800.00
B.007	407, SP	Catchbasin Manholes	2	ea	\$ 12,000.00	\$ 24,000.00	\$ 12,000.00	\$ 24,000.00	\$ 12,000.00	\$ 24,000.00	\$ 12,900.00	\$ 25,800.00	\$ 10,500.00	\$ 21,000.00
B.008	407, SP	Catchbasins	4	ea	\$ 5,000.00	\$ 20,000.00	\$ 5,500.00	\$ 22,000.00	\$ 5,000.00	\$ 20,000.00	\$ 6,970.00	\$ 27,880.00	\$ 4,250.00	\$ 17,000.00
B.009	407, SP	Storm Manholes	1	ea	\$ 10,000.00	\$ 10,000.00	\$ 16,000.00	\$ 16,000.00	\$ 13,500.00	\$ 13,500.00	\$ 12,985.00	\$ 12,985.00	\$ 10,500.00	\$ 10,500.00
B.010	410	Catchbasin Leads 250 mm (PVC SDR 35)	31	m	\$ 250.00	\$ 7,750.00	\$ 325.00	\$ 10,075.00	\$ 300.00	\$ 9,300.00	\$ 235.00	\$ 7,285.00	\$ 225.00	\$ 6,975.00
B.011	410	600 mm Storm Sewer	9	m	\$ 750.00	\$ 6,750.00	\$ 750.00	\$ 6,750.00	\$ 750.00	\$ 6,750.00	\$ 785.00	\$ 7,065.00	\$ 565.00	\$ 5,085.00
B.012	410	525 mm Storm Sewer	19	m	\$ 650.00	\$ 12,350.00	\$ 720.00	\$ 13,680.00	\$ 650.00	\$ 12,350.00	\$ 610.00	\$ 11,590.00	\$ 590.00	\$ 11,210.00
B.013	410	450 mm Storm Sewer	68	m	\$ 525.00	\$ 35,700.00	\$ 700.00	\$ 47,600.00	\$ 500.00	\$ 34,000.00	\$ 455.00	\$ 30,940.00	\$ 400.00	\$ 27,200.00
Part 1 - Total Section B - Storm Sewers						\$ 128,600.00		\$ 195,955.00		\$ 133,636.00		\$ 136,505.00		\$ 107,875.00
SECTION C - WATERMAIN														
C.001	510,441, SP	Remove and Replace Ex. 150 WM w 150 PVC WM	153	m	\$ 500.00	\$ 76,500.00	\$ 600.00	\$ 91,800.00	\$ 500.00	\$ 76,500.00	\$ 420.00	\$ 64,260.00	\$ 455.00	\$ 69,615.00
C.002	441, SP	150 mm Water Valve and Box	5	ea	\$ 3,000.00	\$ 15,000.00	\$ 5,000.00	\$ 25,000.00	\$ 3,460.00	\$ 17,300.00	\$ 3,105.00	\$ 15,525.00	\$ 2,500.00	\$ 12,500.00
C.003	441, SP	Remove and Replace 19 mm Copper Water Service and Curb Stops to Property Line	6	ea	\$ 3,000.00	\$ 18,000.00	\$ 5,000.00	\$ 30,000.00	\$ 4,000.00	\$ 24,000.00	\$ 3,565.00	\$ 21,390.00	\$ 3,000.00	\$ 18,000.00

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ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
C.004	441, SP	Temporary Water Service	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00
Part 1 - Total Section C - Watermain						\$ 119,500.00		\$ 161,800.00		\$ 124,800.00		\$ 108,675.00		\$ 107,615.00
SECTION D - Sanitary														
D.001	510, SP	Remove Existing Sanitary Sewer	152	m	\$ 50.00	\$ 7,600.00	\$ 70.00	\$ 10,640.00	\$ 30.00	\$ 4,560.00	\$ 25.00	\$ 3,800.00	\$ 30.00	\$ 4,560.00
D.002	410, SP	250 mm PVC SDR Sanitary Sewer	152	m	\$ 750.00	\$ 114,000.00	\$ 750.00	\$ 114,000.00	\$ 325.00	\$ 49,400.00	\$ 278.00	\$ 42,256.00	\$ 380.00	\$ 57,760.00
D.003	410, SP	Remove and Replace Existing 150 mm Sanitary Services	6	ea	\$ 3,000.00	\$ 18,000.00	\$ 5,000.00	\$ 30,000.00	\$ 3,500.00	\$ 21,000.00	\$ 3,835.00	\$ 23,010.00	\$ 2,750.00	\$ 16,500.00
D.004	407, SP	Sanitary Manholes	1	ea	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,300.00	\$ 14,300.00	\$ 12,000.00	\$ 12,000.00
D.005	410, SP	Temporary Sewer Service	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 100.00	\$ 100.00
D.006	409, SP	CCTV Inspection of Sanitary Sewer Mainline	152	m	\$ 25.00	\$ 3,800.00	\$ 50.00	\$ 7,600.00	\$ 30.00	\$ 4,560.00	\$ 30.00	\$ 4,560.00	\$ 23.00	\$ 3,496.00
D.007	SP	Sanitary Sewer Bedding Upgrade (Crushed Stone) *	152	m	\$ 20.00	\$ 3,040.00	\$ 50.00	\$ 7,600.00	\$ 100.00	\$ 15,200.00	\$ 65.00	\$ 9,880.00	\$ 15.00	\$ 2,280.00
Part 1 - Total Section D - Sanitary						\$ 166,440.00		\$ 209,840.00		\$ 114,720.00		\$ 102,806.00		\$ 96,696.00
PART 1 - TOTAL ARMIT AVENUE						\$ 811,568.00		\$ 1,140,661.00		\$ 770,786.00		\$ 730,847.00		\$ 676,041.00
PART 2 - COLONIZATION ROAD WEST SIDEWALK (From Sta 1+000 To Sta 1+530) - DWG A1-364258-P5 & P6 (PROVISIONAL)														
SECTION A - GRADING														
*A.001	206, SP	Earth Excavation (Grading)	480	m ³ (P)	\$ 18.00	\$ 8,640.00	\$ 20.00	\$ 9,600.00	\$ 25.00	\$ 12,000.00	\$ 15.50	\$ 7,440.00	\$ 14.00	\$ 6,720.00
*A.002	310, SP	Driveway Repair (Misc Materials)	18	ea	\$ 275.00	\$ 4,950.00	\$ 1,800.00	\$ 32,400.00	\$ 400.00	\$ 7,200.00	\$ 520.00	\$ 9,360.00	\$ 175.00	\$ 3,150.00
*A.003	310, SP	Remove Guide Rail	27	m	\$ 50.00	\$ 1,350.00	\$ 200.00	\$ 5,400.00	\$ 100.00	\$ 2,700.00	\$ 31.00	\$ 837.00	\$ 40.00	\$ 1,080.00
*A.004	310, SP	Remove Catchbasin Plug Lead	1	ea	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00	\$ 780.00	\$ 780.00	\$ 450.00	\$ 450.00
*A.005	310, SP	Modify Existing Curb to drop Curb	4	m	\$ 150.00	\$ 600.00	\$ 500.00	\$ 2,000.00	\$ 350.00	\$ 1,400.00	\$ 317.00	\$ 1,268.00	\$ 300.00	\$ 1,200.00
*A.006	310, SP	1.2m High Black Vinyl Chainlink Fencing	25	m	\$ 175.00	\$ 4,375.00	\$ 325.00	\$ 8,125.00	\$ 100.00	\$ 2,500.00	\$ 442.00	\$ 11,050.00	\$ 220.00	\$ 5,500.00
*A.007	310, SP	Proposed Ditch Inlet and Piping	1	ea	\$ 2,000.00	\$ 2,000.00	\$ 20,000.00	\$ 20,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,200.00	\$ 5,200.00	\$ 4,000.00	\$ 4,000.00
*A.008	310, SP	Adjust Existing Manhole Frame & Covers	2	ea	\$ 1,000.00	\$ 2,000.00	\$ 550.00	\$ 1,100.00	\$ 1,000.00	\$ 2,000.00	\$ 780.00	\$ 1,560.00	\$ 575.00	\$ 1,150.00
*A.009	314, SP	Granular 'A'	890	t	\$ 26.00	\$ 23,140.00	\$ 35.00	\$ 31,150.00	\$ 35.00	\$ 31,150.00	\$ 25.00	\$ 22,250.00	\$ 25.00	\$ 22,250.00
*A.010	353, SP	Concrete Sidewalk	800	m ²	\$ 225.00	\$ 180,000.00	\$ 250.00	\$ 200,000.00	\$ 165.00	\$ 132,000.00	\$ 172.00	\$ 137,600.00	\$ 135.00	\$ 108,000.00
*A.011	Sec 02930	100 mm Topsoil and Sod	700	m ²	\$ 20.00	\$ 14,000.00	\$ 30.00	\$ 21,000.00	\$ 28.00	\$ 19,600.00	\$ 16.50	\$ 11,550.00	\$ 15.00	\$ 10,500.00
*A.012	510, SP	Clearing and Grubbing	175	m ²	\$ 10.00	\$ 1,750.00	\$ 50.00	\$ 8,750.00	\$ 20.00	\$ 3,500.00	\$ 20.50	\$ 3,587.50	\$ 4.00	\$ 700.00
*A.013	Sec 02510	Tactile Warning Plates	1	ea	\$ 1,200.00	\$ 1,200.00	\$ 2,000.00	\$ 2,000.00	\$ 1,900.00	\$ 1,900.00	\$ 1,820.00	\$ 1,820.00	\$ 1,800.00	\$ 1,800.00
*A.014	510, SP	Boulevard Works Stripping and Removal	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 7,644.00	\$ 7,644.00	\$ 1,750.00	\$ 1,750.00
Part 2 - Total Section A - Grading						\$ 253,505.00		\$ 353,525.00		\$ 240,200.00		\$ 221,946.50		\$ 168,250.00
PART 2 - TOTAL COLONIZATION ROAD WEST SIDEWALK (PROVISIONAL)						\$ 253,505.00		\$ 353,525.00		\$ 240,200.00		\$ 221,946.50		\$ 168,250.00
PART 3 - KEATING AVENUE SIDEWALK (From Sta 1+000 To Sta 1+220) - DWG A1-364258-P7														
SECTION A - GRADING														
A.001	206, SP	Earth Excavation (Grading)	222	m ³ (P)	\$ 18.00	\$ 3,996.00	\$ 20.00	\$ 4,440.00	\$ 25.00	\$ 5,550.00	\$ 25.00	\$ 5,550.00	\$ 15.00	\$ 3,330.00
A.002	310, SP	Driveway Repair (Asphalt 40mm)	16	m ²	\$ 150.00	\$ 2,400.00	\$ 300.00	\$ 4,800.00	\$ 200.00	\$ 3,200.00	\$ 155.00	\$ 2,480.00	\$ 120.00	\$ 1,920.00
A.003	310, SP	Driveway Repair (Gravel 100mm)	2	m ²	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00	\$ 40.00	\$ 80.00
A.004	310, SP	Driveway Repair (Paving Stone)	2	m ²	\$ 250.00	\$ 500.00	\$ 300.00	\$ 600.00	\$ 400.00	\$ 800.00	\$ 460.00	\$ 920.00	\$ 150.00	\$ 300.00
A.005	310, SP	Modify Existing Curb to drop Curb	18	m	\$ 150.00	\$ 2,700.00	\$ 450.00	\$ 8,100.00	\$ 300.00	\$ 5,400.00	\$ 305.00	\$ 5,490.00	\$ 300.00	\$ 5,400.00
A.006	314, SP	Granular 'A'	378	t	\$ 26.00	\$ 9,828.00	\$ 35.00	\$ 13,230.00	\$ 35.00	\$ 13,230.00	\$ 30.00	\$ 11,340.00	\$ 25.00	\$ 9,450.00
A.007	353, SP	Concrete Sidewalk	326	m ²	\$ 225.00	\$ 73,350.00	\$ 250.00	\$ 81,500.00	\$ 170.00	\$ 55,420.00	\$ 205.00	\$ 66,830.00	\$ 180.00	\$ 58,680.00

							Tom Veert Contracting		George Armstrong Company		Makkinga Contracting		Bay City Contractors	
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A.008	Sec 02930	100 mm Topsoil and Sod	170	m ²	\$ 20.00	\$ 3,400.00	\$ 30.00	\$ 5,100.00	\$ 40.00	\$ 6,800.00	\$ 17.50	\$ 2,975.00	\$ 15.00	\$ 2,550.00
A.009	Sec 02510	Tactile Warning Plates	3	ea	\$ 1,200.00	\$ 3,600.00	\$ 2,000.00	\$ 6,000.00	\$ 3,100.00	\$ 9,300.00	\$ 3,500.00	\$ 10,500.00	\$ 3,200.00	\$ 9,600.00
Part 3 - Total Section A - Grading						\$ 100,074.00		\$ 124,170.00		\$ 100,500.00		\$ 106,965.00		\$ 91,310.00
PART 3 - TOTAL KEATING AVENUE SIDEWALK						\$ 100,074.00		\$ 124,170.00		\$ 100,500.00		\$ 106,965.00		\$ 91,310.00
PART 4 - KINGS HIGHWAY (From Sta 1+040 To Sta 2+500) - DWG A1-364258-P1-P2 (PROVISIONAL)														
SECTION A - GRADING														
*A.001	206, SP	Earth Excavation (Grading)	6,273	m ³ (P)	\$ 15.00	\$ 94,095.00	\$ 20.00	\$ 125,460.00	\$ 8.00	\$ 50,184.00	\$ 10.40	\$ 65,239.20	\$ 12.00	\$ 75,276.00
*A.002	310, SP	Hot Mix HL4 Asphalt (Binder Course 70mm)	970	t	\$ 275.00	\$ 266,750.00	\$ 324.00	\$ 314,280.00	\$ 238.00	\$ 230,860.00	\$ 241.00	\$ 233,770.00	\$ 255.00	\$ 247,350.00
*A.003	310, SP	Hot Mix HL4 Asphalt (Surface Course 50mm)	690	t	\$ 250.00	\$ 172,500.00	\$ 295.00	\$ 203,550.00	\$ 220.00	\$ 151,800.00	\$ 219.00	\$ 151,110.00	\$ 235.00	\$ 162,150.00
*A.004	314, SP	Granular 'A' Roadway (200mm)	3,140	t	\$ 28.00	\$ 87,920.00	\$ 35.00	\$ 109,900.00	\$ 24.00	\$ 75,360.00	\$ 21.00	\$ 65,940.00	\$ 24.00	\$ 75,360.00
*A.005	314, SP	Granular 'A' Entrances (100mm)	87	t	\$ 25.00	\$ 2,175.00	\$ 35.00	\$ 3,045.00	\$ 24.00	\$ 2,088.00	\$ 21.00	\$ 1,827.00	\$ 30.00	\$ 2,610.00
*A.006	314, SP	Granular 'B' (Type II)	11,800	t	\$ 25.00	\$ 295,000.00	\$ 30.00	\$ 354,000.00	\$ 22.00	\$ 259,600.00	\$ 23.00	\$ 271,400.00	\$ 24.00	\$ 283,200.00
*A.007	510, SP	Removal of Asphalt Pavement (Full Depth)	3,125	m ² (P)	\$ 5.00	\$ 15,625.00	\$ 12.00	\$ 37,500.00	\$ 3.00	\$ 9,375.00	\$ 4.15	\$ 12,968.75	\$ 5.00	\$ 15,625.00
*A.008	SP	Ditch Cleanout	835	m	\$ 25.00	\$ 20,875.00	\$ 10.00	\$ 8,350.00	\$ 25.00	\$ 20,875.00	\$ 31.00	\$ 25,885.00	\$ 20.00	\$ 16,700.00
*A.009	353, SP	Curb and Gutter	825	m	\$ 225.00	\$ 185,625.00	\$ 200.00	\$ 165,000.00	\$ 118.00	\$ 97,350.00	\$ 156.00	\$ 128,700.00	\$ 145.00	\$ 119,625.00
*A.010	351, SP	Concrete Driveway Aprons	126	m ²	\$ 250.00	\$ 31,500.00	\$ 295.00	\$ 37,170.00	\$ 220.00	\$ 27,720.00	\$ 176.00	\$ 22,176.00	\$ 160.00	\$ 20,160.00
*A.011	351, SP	90 Degree Concrete Outlet c/w RipRap	5	ea	\$ 1,000.00	\$ 5,000.00	\$ 1,500.00	\$ 7,500.00	\$ 1,000.00	\$ 5,000.00	\$ 2,235.00	\$ 11,175.00	\$ 1,250.00	\$ 6,250.00
*A.012	Sec 02930	100 mm Topsoil and Sod	5,145	m ²	\$ 20.00	\$ 102,900.00	\$ 30.00	\$ 154,350.00	\$ 20.00	\$ 102,900.00	\$ 14.50	\$ 74,602.50	\$ 15.00	\$ 77,175.00
*A.013	510, SP	Removal of Existing Boulevard Trees	11	ea	\$ 500.00	\$ 5,500.00	\$ 1,000.00	\$ 11,000.00	\$ 500.00	\$ 5,500.00	\$ 520.00	\$ 5,720.00	\$ 1,000.00	\$ 11,000.00
*A.014	SP	Relocation of Existing Signage	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 200.00	\$ 200.00	\$ 2,080.00	\$ 2,080.00	\$ 1,000.00	\$ 1,000.00
*A.015	1860,SP	Geogrid	5,904	m2	\$ 8.00	\$ 47,232.00	\$ 8.00	\$ 47,232.00	\$ 7.00	\$ 41,328.00	\$ 4.70	\$ 27,748.80	\$ 4.00	\$ 23,616.00
*A.016	1860,SP	Geotextile	7,380	m2	\$ 5.00	\$ 36,900.00	\$ 8.00	\$ 59,040.00	\$ 5.50	\$ 40,590.00	\$ 4.20	\$ 30,996.00	\$ 4.00	\$ 29,520.00
*A.017	510, SP	Boulevard Works Stripping and Removal	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 18,000.00	\$ 18,000.00	\$ 16,050.00	\$ 16,050.00	\$ 7,500.00	\$ 7,500.00
*A.018	710	Pavement Markings	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 17,000.00	\$ 17,000.00	\$ 16,335.00	\$ 16,335.00	\$ 17,200.00	\$ 17,200.00
Part 4 - Total Section A - Grading						\$ 1,399,597.00		\$ 1,682,377.00		\$ 1,155,730.00		\$ 1,163,723.25		\$ 1,191,317.00
SECTION B - STORM SEWERS														
*B.001	510, SP	Remove Existing Culverts	6	ea	\$ 500.00	\$ 3,000.00	\$ 5,000.00	\$ 30,000.00	\$ 600.00	\$ 3,600.00	\$ 520.00	\$ 3,120.00	\$ 300.00	\$ 1,800.00
*B.002	405	Subdrain	1,650	m	\$ 50.00	\$ 82,500.00	\$ 85.00	\$ 140,250.00	\$ 40.00	\$ 66,000.00	\$ 28.00	\$ 46,200.00	\$ 55.00	\$ 90,750.00
*B.003	410	500 Dia CSP Culvert	105	m	\$ 525.00	\$ 55,125.00	\$ 500.00	\$ 52,500.00	\$ 215.00	\$ 22,575.00	\$ 372.00	\$ 39,060.00	\$ 395.00	\$ 41,475.00
Part 4 - Total Section B - Storm Sewers						\$ 140,625.00		\$ 222,750.00		\$ 92,175.00		\$ 88,380.00		\$ 134,025.00
SECTION C - WATERMAIN														
*C.001	441, SP	50mm Water Service	4	ea	\$ 10,000.00	\$ 40,000.00	\$ 5,000.00	\$ 20,000.00	\$ 12,000.00	\$ 48,000.00	\$ 9,622.00	\$ 38,488.00	\$ 4,000.00	\$ 16,000.00
*C.002	441, SP	Temporary Water Service	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 4,000.00	\$ 4,000.00	\$ 1.00	\$ 1.00	\$ 1,000.00	\$ 1,000.00
Part 4 - Total Section C - Watermain						\$ 50,000.00		\$ 40,000.00		\$ 52,000.00		\$ 38,489.00		\$ 17,000.00
PART 4 - TOTAL KINGS HIGHWAY						\$ 1,590,222.00		\$ 1,945,127.00		\$ 1,299,905.00		\$ 1,290,592.25		\$ 1,342,342.00

							Tom Veert Contracting		George Armstrong Company		Makkinga Contracting		Bay City Contractors	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
PART 5 - MISCELLANEOUS WATERWORKS (DWG-A1-364258-SK1)														
SECTION A														
A.001	441, SP	Remove and Replace Hydrant Set	0	ea	\$ 17,000.00	\$ -	\$ 15,000.00	\$ -	\$ 22,000.00	\$ -	\$ 19,950.00	\$ -	\$ 14,100.00	\$ -
A.002	441, SP	Remove and Replace 150mm Valve and Box	1	ea	\$ 12,000.00	\$ 12,000.00	\$ 6,000.00	\$ 6,000.00	\$ 13,500.00	\$ 13,500.00	\$ 12,235.00	\$ 12,235.00	\$ 10,000.00	\$ 10,000.00
A.003	441, SP	Remove and Replace 200mm Valve and Box	1	ea	\$ 14,000.00	\$ 14,000.00	\$ 9,000.00	\$ 9,000.00	\$ 15,000.00	\$ 15,000.00	\$ 13,130.00	\$ 13,130.00	\$ 12,500.00	\$ 12,500.00
A.004	441, SP	Remove and Replace 250mm Valve and Box	1	ea	\$ 15,000.00	\$ 15,000.00	\$ 9,500.00	\$ 9,500.00	\$ 16,000.00	\$ 16,000.00	\$ 14,330.00	\$ 14,330.00	\$ 14,000.00	\$ 14,000.00
A.005	441, SP	Remove and Replace 300mm Valve and Box	2	ea	\$ 18,000.00	\$ 36,000.00	\$ 10,000.00	\$ 20,000.00	\$ 17,000.00	\$ 34,000.00	\$ 15,280.00	\$ 30,560.00	\$ 17,000.00	\$ 34,000.00
Part 5 - Total Section A						\$ 77,000.00		\$ 44,500.00		\$ 78,500.00		\$ 70,255.00		\$ 70,500.00
PART 5 - TOTAL MISCELLANEOUS WATERWORKS						\$ 77,000.00		\$ 44,500.00		\$ 78,500.00		\$ 70,255.00		\$ 70,500.00
PART 6 - FIREHALL NO.1 CONCRETE SLAB REPLACEMENT														
SECTION A														
A.001	SP	Remove and replace existing concrete approach slab and sidewalk, complete	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 53,000.00	\$ 53,000.00	\$ 30,500.00	\$ 30,500.00	\$ 27,000.00	\$ 27,000.00
Part 6 - Total Section A						\$ 5,000.00		\$ 10,000.00		\$ 53,000.00		\$ 30,500.00		\$ 27,000.00
PART 6 - TOTAL FIREHALL NO.1 CONCRETE SLAB REPLACEMENT						\$ 5,000.00		\$ 10,000.00		\$ 53,000.00		\$ 30,500.00		\$ 27,000.00
*PART 7 - PARKING LOT GRADING & PAVING AT 737 SCOTT STREET (Refer to DWG SP-1 and SP-2)														
SECTION A														
*A.001	SP	Parking lot grading, storm works and paving, complete	1	LS	\$ 70,000.00	\$ 70,000.00	\$ 90,000.00	\$ 90,000.00	\$ 77,400.00	\$ 77,400.00	\$ 67,720.00	\$ 67,720.00	\$ 50,900.00	\$ 50,900.00
Part 7 - Total Section A						\$ 70,000.00		\$ 90,000.00		\$ 77,400.00		\$ 67,720.00		\$ 50,900.00
PART 7 - TOTAL PARKING LOT GRADING & PAVING AT 737 SCOTT STREET						\$ 70,000.00		\$ 90,000.00		\$ 77,400.00		\$ 67,720.00		\$ 50,900.00
PART 8 - WILLIAMS AVENUE STORM SEWER REPLACEMENT (A1-364258-P12)														
SECTION A														
A.001	SP	Storm sewer replacement and associated works, complete	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 200,000.00	\$ 200,000.00	\$ 110,000.00	\$ 110,000.00	\$ 95,896.00	\$ 95,896.00	\$ 65,000.00	\$ 65,000.00
Part 8 - Total Section A						\$ 50,000.00		\$ 200,000.00		\$ 110,000.00		\$ 95,896.00		\$ 65,000.00
PART 7- TOTAL WILLIAMS AVENUE STORM SEWER REPLACEMENT						\$ 50,000.00		\$ 200,000.00		\$ 110,000.00		\$ 95,896.00		\$ 65,000.00
PART 9 - GENERAL ITEMS														
G.001	SP	Bonds & Insurance	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 78,000.00	\$ 78,000.00	\$ 60,000.00	\$ 60,000.00	\$ 39,500.00	\$ 39,500.00	\$ 50,000.00	\$ 50,000.00
G.002	SP	Mobilization & Demobilization	1	LS	\$ 125,000.00	\$ 125,000.00	\$ 50,000.00	\$ 50,000.00	\$ 80,000.00	\$ 80,000.00	\$ 176,950.00	\$ 176,950.00	\$ 110,000.00	\$ 110,000.00
*G.003	SP	Styrofoam Insulation (50mm)	100	m2	\$ 50.00	\$ 5,000.00	\$ 60.00	\$ 6,000.00	\$ 70.00	\$ 7,000.00	\$ 65.00	\$ 6,500.00	\$ 35.00	\$ 3,500.00
*G.004	Section 01000	Consultant Site Office	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 20,000.00	\$ 20,000.00	\$ 3,500.00	\$ 3,500.00	\$ 6,500.00	\$ 6,500.00	\$ 7,500.00	\$ 7,500.00
G.005	SP	Contingency Allowance	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
PART 9 - TOTAL GENERAL						\$ 430,000.00		\$ 304,000.00		\$ 300,500.00		\$ 379,450.00		\$ 321,000.00

							Tom Veert Contracting		George Armstrong Company		Makkinga Contracting		Bay City Contractors	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
SUMMARY OF TENDER PRICES														
Part 1 - Armit Avenue						\$ 811,568.00	\$ 1,140,661.00		\$ 770,786.00		\$ 730,847.00		\$ 676,041.00	
*Part 2 - Colonization Road West Sidewalk (Provisional)						\$ 253,505.00	\$ 353,525.00		\$ 240,200.00		\$ 221,946.50		\$ 168,250.00	
Part 3 - Keating Avenue Sidewalk						\$ 100,074.00	\$ 124,170.00		\$ 100,500.00		\$ 106,965.00		\$ 91,310.00	
*Part 4 - Kings Highway						\$ 1,590,222.00	\$ 1,945,127.00		\$ 1,299,905.00		\$ 1,290,592.25		\$ 1,342,342.00	
Part 5 - Miscellaneous Waterworks						\$ 77,000.00	\$ 44,500.00		\$ 78,500.00		\$ 70,255.00		\$ 70,500.00	
Part 6 - Firehall No. 1 Concrete Slab Reconstruction						\$ 5,000.00	\$ 10,000.00		\$ 53,000.00		\$ 30,500.00		\$ 27,000.00	
*Part 7 - Parking Lot Grading & Paving at 737 Scott Street						\$ 70,000.00	\$ 90,000.00		\$ 77,400.00		\$ 67,720.00		\$ 50,900.00	
Part 8 - William Avenue Storm Sewer Replacement						\$ 50,000.00	\$ 200,000.00		\$ 110,000.00		\$ 95,896.00		\$ 65,000.00	
Part 9 - General Items						\$ 430,000.00	\$ 304,000.00		\$ 300,500.00		\$ 379,450.00		\$ 321,000.00	
SUB-TOTAL TENDER PRICE						\$ 3,387,369.00	\$ 2,266,856.00		\$ 1,730,886.00		\$ 1,703,579.50		\$ 1,470,001.00	
13% HST						\$ 440,357.97	\$ 294,691.28		\$ 225,015.18		\$ 221,465.34		\$ 191,100.13	
TOTAL TENDER PRICE						\$ 3,827,726.97	\$ 2,561,547.28		\$ 1,955,901.18		\$ 1,925,044.84		\$ 1,661,101.13	

Spreadsheet 2 - Council Summary

	Description	Bay City Low Bid	Portion of General*	Engineering (10%)	Total + Town's portion HST	Grant Funds (OCIF)	Town's Portion Costs	2021 Capital Budget	Town %	Grant %
Armit Avenue	Grading	\$292,605.00	\$86,199.95	\$37,880.50	\$424,019.11	\$424,019.11	\$0.00	\$100,313.00	0%	100%
	Storm Sewer	\$107,875.00	\$31,779.43	\$13,965.44	\$156,323.58	\$156,323.58	\$0.00	\$37,000.00	0%	100%
	Watermain	\$107,615.00	\$31,702.84	\$13,931.78	\$155,946.81	\$51,201.61	\$104,745.21	\$220,543.00	67%	33%
	Sanitary	\$96,696.00	\$28,486.15	\$12,518.22	\$140,123.89	\$51,201.61	\$88,922.29	\$221,795.00	63%	37%
	Subtotal	\$604,791.00	\$178,168.37	\$78,295.94	\$876,413.40	\$682,745.91	\$193,667.49	\$579,651.00		
						Funding By Others				
Misc Works	Colonization Road Sidewalk	\$168,250.00	\$49,565.60	\$21,781.56	\$243,814.07	\$184,736.00	\$59,078.07	\$112,264.00	24%	76%
	Keating Sidewalk	\$91,310.00	\$26,899.46	\$11,820.95	\$132,318.95	\$88,212.63	\$44,106.32	\$36,000.00	33%	67%
	Misc Water Works	\$70,500.00	\$20,768.94	\$9,126.89	\$102,162.80	\$0.00	\$102,162.80	\$100,000.00	100%	0%
	Firehall Apron Replacement	\$27,000.00	\$7,954.06	\$3,495.41	\$39,126.18	\$0.00	\$39,126.18	\$20,000.00	100%	0%
	DSSAB Parking Lot	\$50,900.00	\$14,994.88	\$6,589.49	\$73,760.10	\$73,760.10				
	Williams Ave Storm Repair	\$65,000.00	\$19,148.67	\$8,414.87	\$94,192.66	\$0.00	\$94,192.66	\$33,021.00	100%	0%
	Subtotal	\$472,960.00	\$139,331.63	\$61,229.16	\$685,374.76	\$346,708.73	\$338,666.03	\$301,285.00		
	TOTAL 2021 PROGRAM	\$1,077,751.00	\$317,500.00	\$139,525.10	\$1,561,788.16	\$1,029,454.64	\$532,333.52	\$880,936.00		

* General includes bonds, insurance, mob/demob and \$150,000.00 contingency allowance.

TOWN OF FORT FRANCES
2021 ROAD RECONSTRUCTION
TENDER NO. 21-OF-02

H-364258

					Engineer's Estimate		Bay City Contractors (Thunder Bay Inc.		Makkinga Contractors (1876118 Ontario Limited)		George Armstrong Company Ltd.		Tom Veert Contracting Limited	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
PART 1 - ARMIT AVENUE (From Sta 1+000 To Sta 1+137) - DWG A1-364258-P10														
Section A - Grading														
A.001	206, SP	Earth Excavation (Grading)	990	m ³ (P)	\$ 15.00	\$ 14,850.00	\$ 13.00	\$ 12,870.00	\$ 15.00	\$ 14,850.00	\$ 12.00	\$ 11,880.00	\$ 20.00	\$ 19,800.00
A.002	310, SP	Hot Mix HL4 Asphalt (Binder Course 60mm)	250	t	\$ 265.00	\$ 66,250.00	\$ 255.00	\$ 63,750.00	\$ 251.00	\$ 62,750.00	\$ 260.00	\$ 65,000.00	\$ 324.00	\$ 81,000.00
A.003	310, SP	Hot Mix HL4 Asphalt (Surface Course 60mm)	250	t	\$ 255.00	\$ 63,750.00	\$ 245.00	\$ 61,250.00	\$ 240.00	\$ 60,000.00	\$ 260.00	\$ 65,000.00	\$ 310.00	\$ 77,500.00
A.004	314, SP	Granular 'A'	605	t	\$ 26.00	\$ 15,730.00	\$ 24.00	\$ 14,520.00	\$ 24.00	\$ 14,520.00	\$ 27.00	\$ 16,335.00	\$ 35.00	\$ 21,175.00
A.005	314, SP	Granular 'B' (Type II)	2,475	t	\$ 28.00	\$ 69,300.00	\$ 24.00	\$ 59,400.00	\$ 27.00	\$ 66,825.00	\$ 25.00	\$ 61,875.00	\$ 40.00	\$ 99,000.00
A.006	510, SP	Removal of Asphalt Pavement (Full Depth)	1,560	m ² (P)	\$ 5.00	\$ 7,800.00	\$ 4.00	\$ 6,240.00	\$ 5.00	\$ 7,800.00	\$ 4.00	\$ 6,240.00	\$ 12.00	\$ 18,720.00
A.007	510, SP	Removal of Curb and Gutter	243	m(P)	\$ 11.00	\$ 2,673.00	\$ 10.00	\$ 2,430.00	\$ 30.00	\$ 7,290.00	\$ 10.00	\$ 2,430.00	\$ 12.00	\$ 2,916.00
A.008	353, SP	Curb and Gutter	241	m	\$ 175.00	\$ 42,175.00	\$ 200.00	\$ 48,200.00	\$ 206.00	\$ 49,646.00	\$ 170.00	\$ 40,970.00	\$ 230.00	\$ 55,430.00
A.009	510, SP	Remove Concrete Driveway	75	m ²	\$ 25.00	\$ 1,875.00	\$ 20.00	\$ 1,500.00	\$ 30.00	\$ 2,250.00	\$ 25.00	\$ 1,875.00	\$ 100.00	\$ 7,500.00
A.010	510, SP	Remove Concrete Sidewalk	331	m ²	\$ 25.00	\$ 8,275.00	\$ 20.00	\$ 6,620.00	\$ 30.00	\$ 9,930.00	\$ 25.00	\$ 8,275.00	\$ 200.00	\$ 66,200.00
A.011	351, SP	Concrete Driveway Aprons	120	m ²	\$ 235.00	\$ 28,200.00	\$ 210.00	\$ 25,200.00	\$ 220.00	\$ 26,400.00	\$ 250.00	\$ 30,000.00	\$ 230.00	\$ 27,600.00
A.012	351, SP	Asphalt Driveway Aprons	30	m ²	\$ 250.00	\$ 7,500.00	\$ 125.00	\$ 3,750.00	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00	\$ 140.00	\$ 4,200.00
A.013	310, SP	Concrete Sidewalk	175	m ²	\$ 250.00	\$ 43,750.00	\$ 185.00	\$ 32,375.00	\$ 200.00	\$ 35,000.00	\$ 300.00	\$ 52,500.00	\$ 203.00	\$ 35,525.00
A.014	Section 02930	100 mm Topsoil and Sod	550	m ²	\$ 18.00	\$ 9,900.00	\$ 15.00	\$ 8,250.00	\$ 15.00	\$ 8,250.00	\$ 25.00	\$ 13,750.00	\$ 30.00	\$ 16,500.00
A.015	510, SP	Boulevard Works Stripping and Removal	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 25,000.00	\$ 25,000.00
A.016	710	Pavement Markings	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 9,850.00	\$ 9,850.00	\$ 12,000.00	\$ 12,000.00	\$ 15,000.00	\$ 15,000.00
Total Section A - Grading						\$ 397,028.00		\$ 363,855.00		\$ 382,861.00		\$ 397,630.00		\$ 573,066.00
* Provisional Item														
SECTION B - STORM SEWERS														
B.001	510, SP	Remove Existing Catchbasins and Manholes	5	ea	\$ 1,000.00	\$ 5,000.00	\$ 900.00	\$ 4,500.00	\$ 900.00	\$ 4,500.00	\$ 1,100.00	\$ 5,500.00	\$ 3,500.00	\$ 17,500.00
B.002	510, SP	Remove Existing Catchbasin Leads	25	m	\$ 20.00	\$ 500.00	\$ 15.00	\$ 375.00	\$ 30.00	\$ 750.00	\$ 28.00	\$ 700.00	\$ 250.00	\$ 6,250.00
B.003	510, SP	Remove Existing 600 mm Storm Sewer	8	m	\$ 25.00	\$ 200.00	\$ 35.00	\$ 280.00	\$ 30.00	\$ 240.00	\$ 33.00	\$ 264.00	\$ 300.00	\$ 2,400.00
B.004	510, SP	Remove Existing 525 mm Storm Sewer	20	m	\$ 25.00	\$ 500.00	\$ 30.00	\$ 600.00	\$ 30.00	\$ 600.00	\$ 33.00	\$ 660.00	\$ 300.00	\$ 6,000.00
B.005	510, SP	Remove Existing 300 mm Storm Sewer	54	m	\$ 25.00	\$ 1,350.00	\$ 25.00	\$ 1,350.00	\$ 30.00	\$ 1,620.00	\$ 28.00	\$ 1,512.00	\$ 300.00	\$ 16,200.00
B.006	510, SP	Reconnect Storm Sewer Various Sizes	3	ea	\$ 1,500.00	\$ 4,500.00	\$ 600.00	\$ 1,800.00	\$ 1,750.00	\$ 5,250.00	\$ 1,700.00	\$ 5,100.00	\$ 2,500.00	\$ 7,500.00
B.007	407, SP	Catchbasin Manholes	2	ea	\$ 12,000.00	\$ 24,000.00	\$ 10,500.00	\$ 21,000.00	\$ 12,900.00	\$ 25,800.00	\$ 12,000.00	\$ 24,000.00	\$ 12,000.00	\$ 24,000.00
B.008	407, SP	Catchbasins	4	ea	\$ 5,000.00	\$ 20,000.00	\$ 4,250.00	\$ 17,000.00	\$ 6,970.00	\$ 27,880.00	\$ 5,000.00	\$ 20,000.00	\$ 5,500.00	\$ 22,000.00
B.009	407, SP	Storm Manholes	1	ea	\$ 10,000.00	\$ 10,000.00	\$ 10,500.00	\$ 10,500.00	\$ 12,985.00	\$ 12,985.00	\$ 13,500.00	\$ 13,500.00	\$ 16,000.00	\$ 16,000.00

					Engineer's Estimate		Bay City Contractors (Thunder Bay) Inc.		Makkinga Contractors (1876118 Ontario Limited)		George Armstrong Company Ltd.		Tom Veert Contracting Limited	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
B.010	410	Catchbasin Leads 250 mm (PVC SDR 35)	31	m	\$ 250.00	\$ 7,750.00	\$ 225.00	\$ 6,975.00	\$ 235.00	\$ 7,285.00	\$ 300.00	\$ 9,300.00	\$ 325.00	\$ 10,075.00
B.011	410	600 mm Storm Sewer	9	m	\$ 750.00	\$ 6,750.00	\$ 565.00	\$ 5,085.00	\$ 785.00	\$ 7,065.00	\$ 750.00	\$ 6,750.00	\$ 750.00	\$ 6,750.00
B.012	410	525 mm Storm Sewer	19	m	\$ 650.00	\$ 12,350.00	\$ 590.00	\$ 11,210.00	\$ 610.00	\$ 11,590.00	\$ 650.00	\$ 12,350.00	\$ 720.00	\$ 13,680.00
B.013	410	450 mm Storm Sewer	68	m	\$ 525.00	\$ 35,700.00	\$ 400.00	\$ 27,200.00	\$ 455.00	\$ 30,940.00	\$ 500.00	\$ 34,000.00	\$ 700.00	\$ 47,600.00
Total Section B - Storm Sewers						\$ 128,600.00		\$ 107,875.00		\$ 136,505.00		\$ 133,636.00		\$ 195,955.00
* Provisional Item														
Section C - Watermain														
C.001	510,441, SP	Remove and Replace Ex. 150 WM w 150 PVC WM	153	m	\$ 500.00	\$ 76,500.00	\$ 455.00	\$ 69,615.00	\$ 420.00	\$ 64,260.00	\$ 500.00	\$ 76,500.00	\$ 600.00	\$ 91,800.00
C.002	441, SP	150 mm Water Valve and Box	5	ea	\$ 3,000.00	\$ 15,000.00	\$ 2,500.00	\$ 12,500.00	\$ 3,105.00	\$ 15,525.00	\$ 3,460.00	\$ 17,300.00	\$ 5,000.00	\$ 25,000.00
C.003	441, SP	Remove and Replace 19 mm Copper Water Service and Curb Stops to Property Line	6	ea	\$ 3,000.00	\$ 18,000.00	\$ 3,000.00	\$ 18,000.00	\$ 3,565.00	\$ 21,390.00	\$ 4,000.00	\$ 24,000.00	\$ 5,000.00	\$ 30,000.00
C.004	441, SP	Temporary Water Service	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,000.00	\$ 7,000.00	\$ 15,000.00	\$ 15,000.00
Total Section C - Watermain						\$ 119,500.00		\$ 107,615.00		\$ 108,675.00		\$ 124,800.00		\$ 161,800.00
Section D - Sanitary														
D.001	510, SP	Remove Existing Sanitary Sewer	152	m	\$ 50.00	\$ 7,600.00	\$ 30.00	\$ 4,560.00	\$ 25.00	\$ 3,800.00	\$ 30.00	\$ 4,560.00	\$ 70.00	\$ 10,640.00
D.002	410, SP	250 mm PVC SDR Sanitary Sewer	152	m	\$ 750.00	\$ 114,000.00	\$ 380.00	\$ 57,760.00	\$ 278.00	\$ 42,256.00	\$ 325.00	\$ 49,400.00	\$ 750.00	\$ 114,000.00
D.003	410, SP	Remove and Replace Existing 150 mm Sanitary Services	6	ea	\$ 3,000.00	\$ 18,000.00	\$ 2,750.00	\$ 16,500.00	\$ 3,835.00	\$ 23,010.00	\$ 3,500.00	\$ 21,000.00	\$ 5,000.00	\$ 30,000.00
D.004	407, SP	Sanitary Manholes	1	ea	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 14,300.00	\$ 14,300.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
D.005	410, SP	Temporary Sewer Service	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 100.00	\$ 100.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 20,000.00
D.006	409, SP	CCTV Inspection of Sanitary Sewer Mainline	152	m	\$ 25.00	\$ 3,800.00	\$ 23.00	\$ 3,496.00	\$ 30.00	\$ 4,560.00	\$ 30.00	\$ 4,560.00	\$ 50.00	\$ 7,600.00
D.007	SP	Sanitary Sewer Bedding Upgrade (Crushed Stone) *	152	m	\$ 20.00	\$ 3,040.00	\$ 15.00	\$ 2,280.00	\$ 65.00	\$ 9,880.00	\$ 100.00	\$ 15,200.00	\$ 50.00	\$ 7,600.00
Total Section D - Sanitary						\$ 166,440.00		\$ 96,696.00		\$ 102,806.00		\$ 114,720.00		\$ 209,840.00
PART 1 - TOTAL ARMIT AVENUE						\$ 811,568.00		\$ 676,041.00		\$ 730,847.00		\$ 770,786.00		\$ 1,140,661.00

					Engineer's Estimate		Bay City Contractors (Thunder Bay) Inc.		Makkinga Contractors (1876118 Ontario Limited)		George Armstrong Company Ltd.		Tom Veert Contracting Limited	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
PART 2 - COLONIZATION ROAD WEST SIDEWALK (From Sta 1+000 To Sta 1+530) - DWG A1-364258-P5 & P6 (PROVISIONAL)														
Section A - Grading														
*A.001	206, SP	Earth Excavation (Grading)	480	m ³ (P)	\$ 18.00	\$ 8,640.00	\$ 14.00	\$ 6,720.00	\$ 15.50	\$ 7,440.00	\$ 25.00	\$ 12,000.00	\$ 20.00	\$ 9,600.00
*A.002	310, SP	Driveway Repair (Misc Materials)	18	ea	\$ 275.00	\$ 4,950.00	\$ 175.00	\$ 3,150.00	\$ 520.00	\$ 9,360.00	\$ 400.00	\$ 7,200.00	\$ 1,800.00	\$ 32,400.00
*A.003	310, SP	Remove Guide Rail	27	m	\$ 50.00	\$ 1,350.00	\$ 40.00	\$ 1,080.00	\$ 31.00	\$ 837.00	\$ 100.00	\$ 2,700.00	\$ 200.00	\$ 5,400.00
*A.004	310, SP	Remove Catchbasin Plug Lead	1	ea	\$ 1,500.00	\$ 1,500.00	\$ 450.00	\$ 450.00	\$ 780.00	\$ 780.00	\$ 1,750.00	\$ 1,750.00	\$ 2,000.00	\$ 2,000.00
*A.005	310, SP	Modify Existing Curb to drop Curb	4	m	\$ 150.00	\$ 600.00	\$ 300.00	\$ 1,200.00	\$ 317.00	\$ 1,268.00	\$ 350.00	\$ 1,400.00	\$ 500.00	\$ 2,000.00
*A.006	310, SP	1.2m High Black Vinyl Chainlink Fencing	25	m	\$ 175.00	\$ 4,375.00	\$ 220.00	\$ 5,500.00	\$ 442.00	\$ 11,050.00	\$ 100.00	\$ 2,500.00	\$ 325.00	\$ 8,125.00
*A.007	310, SP	Proposed Ditch Inlet and Piping	1	ea	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,200.00	\$ 5,200.00	\$ 7,500.00	\$ 7,500.00	\$ 20,000.00	\$ 20,000.00
*A.008	310, SP	Adjust Existing Manhole Frame & Covers	2	ea	\$ 1,000.00	\$ 2,000.00	\$ 575.00	\$ 1,150.00	\$ 780.00	\$ 1,560.00	\$ 1,000.00	\$ 2,000.00	\$ 550.00	\$ 1,100.00
*A.009	314, SP	Granular 'A'	890	t	\$ 26.00	\$ 23,140.00	\$ 25.00	\$ 22,250.00	\$ 25.00	\$ 22,250.00	\$ 35.00	\$ 31,150.00	\$ 35.00	\$ 31,150.00
*A.010	353, SP	Concrete Sidewalk	800	m ²	\$ 225.00	\$ 180,000.00	\$ 135.00	\$ 108,000.00	\$ 172.00	\$ 137,600.00	\$ 165.00	\$ 132,000.00	\$ 250.00	\$ 200,000.00
*A.011	Sec 02930	100 mm Topsoil and Sod	700	m ²	\$ 20.00	\$ 14,000.00	\$ 15.00	\$ 10,500.00	\$ 16.50	\$ 11,550.00	\$ 28.00	\$ 19,600.00	\$ 30.00	\$ 21,000.00
*A.012	510, SP	Clearing and Grubbing	175	m ²	\$ 10.00	\$ 1,750.00	\$ 4.00	\$ 700.00	\$ 20.50	\$ 3,587.50	\$ 20.00	\$ 3,500.00	\$ 50.00	\$ 8,750.00
*A.013	Sec 02510	Tactile Warning Plates	1	ea	\$ 1,200.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,820.00	\$ 1,820.00	\$ 1,900.00	\$ 1,900.00	\$ 2,000.00	\$ 2,000.00
*A.014	510, SP	Boulevard Works Stripping and Removal	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 1,750.00	\$ 1,750.00	\$ 7,644.00	\$ 7,644.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00
PART 2 - TOTAL COLONIZATION ROAD WEST SIDEWALK (PROVISIONAL)						\$ 253,505.00		\$ 168,250.00		\$ 221,946.50		\$ 240,200.00		\$ 353,525.00
PART 3 - KEATING AVENUE SIDEWALK (From Sta 1+000 To Sta 1+220) - DWG A1-364258-P7														
SECTION A - GRADING														
A.001	206, SP	Earth Excavation (Grading)	222	m ³ (P)	\$ 18.00	\$ 3,996.00	\$ 15.00	\$ 3,330.00	\$ 25.00	\$ 5,550.00	\$ 25.00	\$ 5,550.00	\$ 20.00	\$ 4,440.00
A.002	310, SP	Driveway Repair (Asphalt 40mm)	16	m ²	\$ 150.00	\$ 2,400.00	\$ 120.00	\$ 1,920.00	\$ 155.00	\$ 2,480.00	\$ 200.00	\$ 3,200.00	\$ 300.00	\$ 4,800.00
A.003	310, SP	Driveway Repair (Gravel 100mm)	2	m ²	\$ 150.00	\$ 300.00	\$ 40.00	\$ 80.00	\$ 440.00	\$ 880.00	\$ 400.00	\$ 800.00	\$ 200.00	\$ 400.00
A.004	310, SP	Driveway Repair (Paving Stone)	2	m ²	\$ 250.00	\$ 500.00	\$ 150.00	\$ 300.00	\$ 460.00	\$ 920.00	\$ 400.00	\$ 800.00	\$ 300.00	\$ 600.00
A.005	310, SP	Modify Existing Curb to drop Curb	18	m	\$ 150.00	\$ 2,700.00	\$ 300.00	\$ 5,400.00	\$ 305.00	\$ 5,490.00	\$ 300.00	\$ 5,400.00	\$ 450.00	\$ 8,100.00
A.006	314, SP	Granular 'A'	378	t	\$ 26.00	\$ 9,828.00	\$ 25.00	\$ 9,450.00	\$ 30.00	\$ 11,340.00	\$ 35.00	\$ 13,230.00	\$ 35.00	\$ 13,230.00
A.007	353, SP	Concrete Sidewalk	326	m ²	\$ 225.00	\$ 73,350.00	\$ 180.00	\$ 58,680.00	\$ 205.00	\$ 66,830.00	\$ 170.00	\$ 55,420.00	\$ 250.00	\$ 81,500.00
A.008	Sec 02930	100 mm Topsoil and Sod	170	m ²	\$ 20.00	\$ 3,400.00	\$ 15.00	\$ 2,550.00	\$ 17.50	\$ 2,975.00	\$ 40.00	\$ 6,800.00	\$ 30.00	\$ 5,100.00
A.009	Sec 02510	Tactile Warning Plates	3	ea	\$ 1,200.00	\$ 3,600.00	\$ 3,200.00	\$ 9,600.00	\$ 3,500.00	\$ 10,500.00	\$ 3,100.00	\$ 9,300.00	\$ 2,000.00	\$ 6,000.00
PART 3 - TOTAL KEATING AVENUE SIDEWALK						\$ 100,074.00		\$ 91,310.00		\$ 106,965.00		\$ 100,500.00		\$ 124,170.00

					Engineer's Estimate		Bay City Contractors (Thunder Bay) Inc.		Makkinga Contractors (1876118 Ontario Limited)		George Armstrong Company Ltd.		Tom Veert Contracting Limited	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
PART 4 - KINGS HIGHWAY (From Sta 1+040 To Sta 2+500) - DWG A1-364258-P1-P2 (PROVISIONAL)														
Section A - Grading														
*A.001	206, SP	Earth Excavation (Grading)	6,273	m³(P)	\$ 15.00	\$ 94,095.00	\$ 12.00	\$ 75,276.00	\$ 10.40	\$ 65,239.20	\$ 8.00	\$ 50,184.00	\$ 20.00	\$ 125,460.00
*A.002	310, SP	Hot Mix HL4 Asphalt (Binder Course 70mm)	970	t	\$ 275.00	\$ 266,750.00	\$ 255.00	\$ 247,350.00	\$ 241.00	\$ 233,770.00	\$ 238.00	\$ 230,860.00	\$ 324.00	\$ 314,280.00
*A.003	310, SP	Hot Mix HL4 Asphalt (Surface Course 50mm)	690	t	\$ 250.00	\$ 172,500.00	\$ 235.00	\$ 162,150.00	\$ 219.00	\$ 151,110.00	\$ 220.00	\$ 151,800.00	\$ 295.00	\$ 203,550.00
*A.004	314, SP	Granular 'A' Roadway (200mm)	3,140	t	\$ 28.00	\$ 87,920.00	\$ 24.00	\$ 75,360.00	\$ 21.00	\$ 65,940.00	\$ 24.00	\$ 75,360.00	\$ 35.00	\$ 109,900.00
*A.005	314, SP	Granular 'A' Entrances (100mm)	87	t	\$ 25.00	\$ 2,175.00	\$ 30.00	\$ 2,610.00	\$ 21.00	\$ 1,827.00	\$ 24.00	\$ 2,088.00	\$ 35.00	\$ 3,045.00
*A.006	314, SP	Granular 'B' (Type II)	11,800	t	\$ 25.00	\$ 295,000.00	\$ 24.00	\$ 283,200.00	\$ 23.00	\$ 271,400.00	\$ 22.00	\$ 259,600.00	\$ 30.00	\$ 354,000.00
*A.007	510, SP	Removal of Asphalt Pavement (Full Depth)	3,125	m²(P)	\$ 5.00	\$ 15,625.00	\$ 5.00	\$ 15,625.00	\$ 4.15	\$ 12,968.75	\$ 3.00	\$ 9,375.00	\$ 12.00	\$ 37,500.00
*A.008	SP	Ditch Cleanout	835	m	\$ 25.00	\$ 20,875.00	\$ 20.00	\$ 16,700.00	\$ 31.00	\$ 25,885.00	\$ 25.00	\$ 20,875.00	\$ 10.00	\$ 8,350.00
*A.009	353, SP	Curb and Gutter	825	m	\$ 225.00	\$ 185,625.00	\$ 145.00	\$ 119,625.00	\$ 156.00	\$ 128,700.00	\$ 118.00	\$ 97,350.00	\$ 200.00	\$ 165,000.00
*A.010	351, SP	Concrete Driveway Aprons	126	m²	\$ 250.00	\$ 31,500.00	\$ 160.00	\$ 20,160.00	\$ 176.00	\$ 22,176.00	\$ 220.00	\$ 27,720.00	\$ 295.00	\$ 37,170.00
*A.011	351, SP	90 Degree Concrete Outlet c/w RipRap	5	ea	\$ 1,000.00	\$ 5,000.00	\$ 1,250.00	\$ 6,250.00	\$ 2,235.00	\$ 11,175.00	\$ 1,000.00	\$ 5,000.00	\$ 1,500.00	\$ 7,500.00
*A.012	Sec 02930	100 mm Topsoil and Sod	5,145	m²	\$ 20.00	\$ 102,900.00	\$ 15.00	\$ 77,175.00	\$ 14.50	\$ 74,602.50	\$ 20.00	\$ 102,900.00	\$ 30.00	\$ 154,350.00
*A.013	510, SP	Removal of Existing Boulevard Trees	11	ea	\$ 500.00	\$ 5,500.00	\$ 1,000.00	\$ 11,000.00	\$ 520.00	\$ 5,720.00	\$ 500.00	\$ 5,500.00	\$ 1,000.00	\$ 11,000.00
*A.014	SP	Relocation of Existing Signage	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,080.00	\$ 2,080.00	\$ 200.00	\$ 200.00	\$ 5,000.00	\$ 5,000.00
*A.015	1860,SP	Geogrid	5,904	m2	\$ 8.00	\$ 47,232.00	\$ 4.00	\$ 23,616.00	\$ 4.70	\$ 27,748.80	\$ 7.00	\$ 41,328.00	\$ 8.00	\$ 47,232.00
*A.016	1860,SP	Geotextile	7,380	m2	\$ 5.00	\$ 36,900.00	\$ 4.00	\$ 29,520.00	\$ 4.20	\$ 30,996.00	\$ 5.50	\$ 40,590.00	\$ 8.00	\$ 59,040.00
*A.017	510, SP	Boulevard Works Stripping and Removal	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 16,050.00	\$ 16,050.00	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ 20,000.00
*A.018	710	Pavement Markings	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 17,200.00	\$ 17,200.00	\$ 16,335.00	\$ 16,335.00	\$ 17,000.00	\$ 17,000.00	\$ 20,000.00	\$ 20,000.00
Part 4 - Total Section A - Grading						\$ 1,399,597.00		\$ 1,191,317.00		\$ 1,163,723.25		\$ 1,155,730.00		\$ 1,682,377.00
* Provisional Item														
Section B - Storm Sewers														
*B.001	510, SP	Remove Existing Culverts	6	ea	\$ 500.00	\$ 3,000.00	\$ 300.00	\$ 1,800.00	\$ 520.00	\$ 3,120.00	\$ 600.00	\$ 3,600.00	\$ 5,000.00	\$ 30,000.00
*B.002	405	Subdrain	1,650	m	\$ 50.00	\$ 82,500.00	\$ 55.00	\$ 90,750.00	\$ 28.00	\$ 46,200.00	\$ 40.00	\$ 66,000.00	\$ 85.00	\$ 140,250.00
*B.003	410	500 Dia CSP Culvert	105	m	\$ 525.00	\$ 55,125.00	\$ 395.00	\$ 41,475.00	\$ 372.00	\$ 39,060.00	\$ 215.00	\$ 22,575.00	\$ 500.00	\$ 52,500.00
Part 4 - Total Section B - Storm Sewers						\$ 140,625.00		\$ 134,025.00		\$ 88,380.00		\$ 92,175.00		\$ 222,750.00
SECTION C - WATERMAIN														
*C.001	441, SP	50mm Water Service	4	ea	\$ 10,000.00	\$ 40,000.00	\$ 4,000.00	\$ 16,000.00	\$ 9,622.00	\$ 38,488.00	\$ 12,000.00	\$ 48,000.00	\$ 5,000.00	\$ 20,000.00
*C.002	441, SP	Temporary Water Service	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1.00	\$ 1.00	\$ 4,000.00	\$ 4,000.00	\$ 20,000.00	\$ 20,000.00
Part 4 - Total Section C - Watermain						\$ 50,000.00		\$ 17,000.00		\$ 38,489.00		\$ 52,000.00		\$ 40,000.00
PART 4 - TOTAL KINGS HIGHWAY						\$ 1,590,222.00		\$ 1,342,342.00		\$ 1,290,592.25		\$ 1,299,905.00		\$ 1,945,127.00

					Engineer's Estimate		Bay City Contractors (Thunder Bay) Inc.		Makkinga Contractors (1876118 Ontario Limited)		George Armstrong Company Ltd.		Tom Veert Contracting Limited	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
PART 5 - MISCELLANEOUS WATERWORKS (DWG-A1-364258-SK1)														
SECTION A														
A.001	441, SP	Remove and Replace Hydrant Set	6	ea	\$ 17,000.00	\$ 102,000.00	\$ 14,100.00	\$ 84,600.00	\$ 19,950.00	\$ 119,700.00	\$ 22,000.00	\$ 132,000.00	\$ 15,000.00	\$ 90,000.00
A.002	441, SP	Remove and Replace 150mm Valve and Box	2	ea	\$ 12,000.00	\$ 24,000.00	\$ 10,000.00	\$ 20,000.00	\$ 12,235.00	\$ 24,470.00	\$ 13,500.00	\$ 27,000.00	\$ 6,000.00	\$ 12,000.00
A.003	441, SP	Remove and Replace 200mm Valve and Box	1	ea	\$ 14,000.00	\$ 14,000.00	\$ 12,500.00	\$ 12,500.00	\$ 13,130.00	\$ 13,130.00	\$ 15,000.00	\$ 15,000.00	\$ 9,000.00	\$ 9,000.00
A.004	441, SP	Remove and Replace 250mm Valve and Box	1	ea	\$ 15,000.00	\$ 15,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,330.00	\$ 14,330.00	\$ 16,000.00	\$ 16,000.00	\$ 9,500.00	\$ 9,500.00
A.005	441, SP	Remove and Replace 300mm Valve and Box	2	ea	\$ 18,000.00	\$ 36,000.00	\$ 17,000.00	\$ 34,000.00	\$ 15,280.00	\$ 30,560.00	\$ 17,000.00	\$ 34,000.00	\$ 10,000.00	\$ 20,000.00
PART 5 - TOTAL MISCELLANEOUS WATERWORKS						\$ 191,000.00		\$ 165,100.00		\$ 202,190.00		\$ 224,000.00		\$ 140,500.00
PART 6 - FIREHALL NO.1 CONCRETE SLAB REPLACEMENT														
SECTION A														
A.001	SP	Remove and replace existing concrete approach slab and sidewalk, complete	1	LS	\$ 500.00	\$ 5,000.00	\$ 27,000.00	\$ 27,000.00	\$ 30,500.00	\$ 30,500.00	\$ 53,000.00	\$ 53,000.00	\$ 10,000.00	\$ 10,000.00
PART 6 - TOTAL FIREHALL NO.1 CONCRETE SLAB REPLACEMENT						\$ 5,000.00		\$ 27,000.00		\$ 30,500.00		\$ 53,000.00		\$ 10,000.00
* Provisional Item														
*PART 7 - PARKING LOT GRADING & PAVING AT 737 SCOTT STREET (Refer to DWG SP-1 and SP-2)														
SECTION A														
*A.001	SP	Parking lot grading, storm works and paving, complete	1	LS	\$ 70,000.00	\$ 70,000.00	\$ 50,900.00	\$ 50,900.00	\$ 67,720.00	\$ 67,720.00	\$ 77,400.00	\$ 77,400.00	\$ 90,000.00	\$ 90,000.00
PART 7 - TOTAL PARKING LOT GRADING & PAVING AT 737 SCOTT STREET						\$ 70,000.00		\$ 50,900.00		\$ 67,720.00		\$ 77,400.00		\$ 90,000.00
PART 8 - WILLIAMS AVENUE STORM SEWER REPLACEMENT (A1-364258-P12)														
SECTION A														
A.001	SP	Storm sewer replacement and associated works, complete	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 65,000.00	\$ 65,000.00	\$ 95,896.00	\$ 95,896.00	\$ 110,000.00	\$ 110,000.00	\$ 200,000.00	\$ 200,000.00
PART 8- TOTAL WILLIAMS AVENUE STORM SEWER REPLACEMENT						\$ 50,000.00		\$ 65,000.00		\$ 95,896.00		\$ 110,000.00		\$ 200,000.00
PART 9 - GENERAL ITEMS														
65														
G.001	SP	Bonds & Insurance	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00	\$ 39,500.00	\$ 39,500.00	\$ 60,000.00	\$ 60,000.00	\$ 78,000.00	\$ 78,000.00
G.002	SP	Mobilization & Demobilization	1	LS	\$ 125,000.00	\$ 125,000.00	\$ 110,000.00	\$ 110,000.00	\$ 176,950.00	\$ 176,950.00	\$ 80,000.00	\$ 80,000.00	\$ 50,000.00	\$ 50,000.00
*G.003	SP	Styrofoam Insulation (50mm)	100	m2	\$ 50.00	\$ 5,000.00	\$ 35.00	\$ 3,500.00	\$ 65.00	\$ 6,500.00	\$ 70.00	\$ 7,000.00	\$ 60.00	\$ 6,000.00
*G.004	Section 01000	Consultant Site Office	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 7,500.00	\$ 7,500.00	\$ 6,500.00	\$ 6,500.00	\$ 3,500.00	\$ 3,500.00	\$ 20,000.00	\$ 20,000.00
G.005	SP	Contingency Allowance	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
TOTAL GENERAL						\$ 430,000.00		\$ 321,000.00		\$ 379,450.00		\$ 300,500.00		\$ 304,000.00

					Engineer's Estimate		Bay City Contractors (Thunder Bay) Inc.		Makkinga Contractors (1876118 Ontario Limited)		George Armstrong Company Ltd.		Tom Veert Contracting Limited	
ITEM NO.	OPS SPEC.	DESCRIPTION	EST. QTY	UNIT	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE	UNIT BID PRICE	TOTAL BID PRICE
SUMMARY OF TENDER PRICES														
PART 1 - ARMIT AVENUE														
Section A - Grading						\$ 397,028.00		\$ 363,855.00		\$ 382,861.00		\$ 397,630.00		\$ 573,066.00
Section B - Storm Sewers						\$ 128,600.00		\$ 107,875.00		\$ 136,505.00		\$ 133,636.00		\$ 195,955.00
Section C - Watermain						\$ 119,500.00		\$ 107,615.00		\$ 108,675.00		\$ 124,800.00		\$ 161,800.00
Section D - Sanitary						\$ 166,440.00		\$ 96,696.00		\$ 102,806.00		\$ 114,720.00		\$ 209,840.00
TOTAL ARMIT AVENUE						\$ 811,568.00		\$ 676,041.00		\$ 730,847.00		\$ 770,786.00		\$ 1,140,661.00
*Part 2 - COLONIZATION ROAD WEST SIDEWALK (PROVISIONAL)														
Section A - Grading						\$ 253,505.00		\$ 168,250.00		\$ 221,946.50		\$ 240,200.00		\$ 353,525.00
TOTAL COLONIZATION ROAD WEST SIDEWALK						\$ 253,505.00		\$ 168,250.00		\$ 221,946.50		\$ 240,200.00		\$ 353,525.00
PART 3 - KEATING AVENUE SIDEWALK														
Section A - Grading						\$ 100,074.00		\$ 91,310.00		\$ 106,965.00		\$ 100,500.00		\$ 124,170.00
TOTAL KEATING AVENUE SIDEWALK						\$ 100,074.00		\$ 91,310.00		\$ 106,965.00		\$ 100,500.00		\$ 124,170.00
PART 4 - KINGS HIGHWAY														
Section A - Grading						\$ 1,399,597.00		\$ 1,191,317.00		\$ 1,163,723.25		\$ 1,155,730.00		\$ 1,682,377.00
Section B - Storm Sewers						\$ 140,625.00		\$ 134,025.00		\$ 88,380.00		\$ 92,175.00		\$ 222,750.00
Section C - Watermains						\$ 50,000.00		\$ 17,000.00		\$ 38,489.00		\$ 52,000.00		\$ 40,000.00
TOTAL KINGS HIGHWAY						\$ 1,590,222.00		\$ 1,342,342.00		\$ 1,290,592.25		\$ 1,299,905.00		\$ 1,945,127.00
PART 5 - MISCELLANEOUS WATERWORKS						\$ 191,000.00		\$ 165,100.00		\$ 202,190.00		\$ 224,000.00		\$ 140,500.00
TOTAL MISCELLANEOUS WATERWORKS						191,000.00		165,100.00		202,190.00		224,000.00		140,500.00
PART 6 - FIREHALL NO. 1						\$ 5,000.00		\$ 27,000.00		\$ 30,500.00		\$ 53,000.00		\$ 10,000.00
TOTAL FIREHALL NO. 1						5,000.00		27,000.00		30,500.00		53,000.00		10,000.00
PART 7 - PARKING LOT						\$ 70,000.00		\$ 50,900.00		\$ 67,720.00		\$ 77,400.00		\$ 90,000.00
TOTAL PARKING LOT						70,000.00		50,900.00		67,720.00		77,400.00		90,000.00
PART 8 - WILLIAMS AVENUE						\$ 50,000.00		\$ 65,000.00		\$ 95,896.00		\$ 110,000.00		\$ 200,000.00
TOTAL WILLIAMS AVENUE						50,000.00		65,000.00		95,896.00		110,000.00		200,000.00
PART 9 - GENERAL ITEMS						\$ 430,000.00		\$ 321,000.00		\$ 379,450.00		\$ 300,500.00		\$ 304,000.00
TOTAL GENERAL ITEMS						430,000.00		321,000.00		379,450.00		300,500.00		304,000.00
SUB-TOTAL						\$ 3,501,369.00		\$ 2,906,943.00		\$ 3,126,106.75		\$ 3,176,291.00		\$ 4,307,983.00
13% HST						\$ 455,177.97		\$ 377,902.59		\$ 406,393.88		\$ 412,917.83		\$ 560,037.79
TOTAL TENDER PRICE						\$ 3,956,546.97		\$ 3,284,845.59		\$ 3,532,500.63		\$ 3,589,208.83		\$ 4,868,020.79



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April 15, 2021

364258-P

Town of Fort Frances
320 Portage Avenue
Fort Frances, Ontario
P9A 3P9

Attention: Travis Rob, P.Eng.

**Re: 2021 Road Reconstruction
Tender No.21-OF-02
Tender Recommendation**

Tenders for the above project were received by the Town of Fort Frances on or before 2:00 pm (CDT) on Tuesday, April 13th, 2021. Four (4) tenders were received, and are listed below in ascending order:

<u>Tenderer</u>	<u>Tender Price</u>
1) Bay City Contractors Thunder Bay Inc. (BCC)	\$3,284,845.59
2) Makkinga Contractors & Equipment Rental (MCER)	\$3,532,500.63
3) George Armstrong Co. Limited (GACL)	\$3,589,208.83
4) Tom Veert Contracting Limited (TVCL)	\$4,868,020.79

The above tender prices include H.S.T. The Tenders were checked arithmetically and were all found to be correct.

TENDER IRREGULARITIES

A review of the tenders was undertaken. All of the four (4) tenderers submitted a Bid Bond in the amount of 10% of the Tender Price and an Agreement to Bond and/or Consent of Surety. All tenderers included completed Forms A, B, C, D, E and F of the Tender documents.

REVIEW OF TENDER PRICES

A review of the tender prices submitted by the tenderers was undertaken. BCC's tender pricing was generally overall lower than the other tenderers.

This Tender included three (3) parts of Provisional works. Provisional works included Part 2 (Colonization Road Sidewalk), Part 4 (Kings Highway) and Part 7 (Parking Lot Grading & Paving at 737 Scott Street). An analysis was completed to review the affects of removing provisional items. With the removal of some/all provisional items, BCC's tender remains as the lowest bid.

Overall, the low tenderer has indicated they are comfortable with the price submitted.

364258, Rev. A

LOW TENDERER'S QUALIFICATIONS

BCC is a reputable and experienced road, watermain and sewer contractor. They have completed numerous similar scope of work projects in the Rainy River, Fort Frances and Sioux Lookout in the recent past (reference the Tendering Supplements, Form A, Tenderer's Experience in Similar Work for a detailed summary of recent similar projects).

BCC is proposing to carry out the majority of the work with their own forces which includes all the excavation, grading and pipe works. BCC has stated that all asphalt works will be completed by Pioneer Construction, concrete works will be completed by NST Construction and landscaping works to be completed by Agomar.

PROPOSED PROJECT SCHEDULE

This Contract includes a completion date of October 29, 2021, with surface paving deferred to the year 2022, but completed prior to June 17, 2022, on Armit Avenue and Kings Highway.

BCC has indicated that they intend on starting construction after the May long weekend or the first week of June 2021. Pending confirmation of the provisional items on the Contract, BCC plan on starting on Armit Avenue with a second crew working on the Colonization and Keating Avenue sidewalks. BCC stated that they will have dedicated crews working onsite throughout the Contract and do not anticipate any issues meeting the specified completion date of October 29, 2021.

RECOMMENDATION

At this time, it is our understanding that the funding for Kings Highway was not granted to the Town. As such Kings Highway will be deleted from the Contract. The Town of Fort Frances will have to confirm if the remaining provisional items (Colonization Road Sidewalk and 737 Scott Street grading/paving) will proceed under this Contract.

Therefore, as funding is confirmed and available, we recommend that the Contract be awarded to Bay City Contractors. The final award amount will have to be confirmed based on the outcome of funding provisions and the adjustment of General Items on the Contract that would be overall affected due to the cancelation of provisional items.

With this report we are enclosing a spreadsheet showing a comparison of the tender prices and the engineer's estimate.

Yours very truly,



Joseph De Luca, P. Eng.
Senior Project Engineer
Encl.