

MEMO

To: Colin Smith, Town Manager
From: Gerry Cole, Director, Parks & Recreation
Date: June 30, 2017
Re: Tender 17-41C Byron Dobson Arena-Phase 1
Facility Upgrade & Improvement – Upper Rink Renovations

Two bids were received for Tender 17-41A Byron Dobson Arena-Phase 1 Facility Upgrade & Improvement – Lower Rink Ventilation Modifications & Dehumidification.

(1) Acadian Construction (1991) Ltd.

Two Hundred and Twenty-Eight Thousand, One Hundred Sixty Dollars (\$228,160.00) applicable taxes included.

(2) Avondale Construction Ltd.

Two Hundred and Forty-Three Thousand, Four Hundred Fifty-Five Dollars (\$243,455.00) applicable taxes included.

(3) Al's Electric Services Ltd.

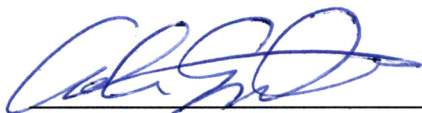
Two Hundred and Eighty-Six Thousand, Seven Hundred Seventy Dollars and Ninety Cents (\$286,770.90) applicable taxes included.

The budget for this project before taxes is Two Hundred and Sixty-Six Thousand (\$266,000). Based on the construction cost of \$206,911.36 (incl. 4.29% HST) this portion of the project will be approximately \$59,088 under budget.

I recommend that the Tender be awarded to **Acadian Construction (1991) Ltd.** in the amount of Two Hundred and Twenty-Eight Thousand, One Hundred Sixty Dollars (\$228,160.00) applicable taxes included.

Gerry Cole

I agree with the above-mentioned recommendation:



Colin Smith, CAO



77 Vaughan Harvey Blvd., Suite 200
Moncton, New Brunswick
E1C 0K2

Phone (506) 857-8880
Fax (506) 859-8393
Internet: www.mcw.com

June 30, 2017

Town of Riverview
30 Honour House Court
Riverview, NB E1B 3Y9

Attention: Mr. Colin Smith, CAO

VIA EMAIL

Dear Mr. Smith,

**Re: Byron Dobson Arena Phase 1 - Facilities Upgrade and Improvement,
Package GC1 (TOR 17-41C) - Upper Rink Renovations (GC1)
Upper Rink Fire Protection, Lighting and Low-e Ceiling Upgrades
Tender Evaluation and Letter of Recommendation
MCW Project No. 11-17-120**

Introduction

The tenders have closed for the work for Upper Rink Renovations (Package GC1) at Byron Dobson Arena, Riverview, New Brunswick.

The following is a summary of the tenders and our recommendation.

1. Scope of the Work

The work in the tender documents generally includes:

1. Work of this contract includes specialty services related to the design, implementation, and commissioning of a new fire protection system, electrical and lighting system, and low emissivity ceiling within the Upper Rink area.
2. Modifications to the Upper Rink fire protection system includes:
 - Full removal of the existing sprinkler system as outlined on drawings.
 - Design, complete with hydraulic calculations, the new overhead sprinkler system for approval from engineer and fire marshal.
 - Supply and install all materials required for a complete overhead sprinkler system.



3. Modifications to the Upper Rink electrical includes:
- Removal of existing HID high bay luminaires and associated wiring and conduit.
 - Supply and installation of new LED high bay luminaires and associated wiring and conduit.
 - Supply and installation of new dimming lighting controls.
 - Supply and installation of empty conduit for future sound system cabling.
4. Replacement of exterior HID wall packs to new energy efficient LED wall packs.
5. Supply and install a new low emissivity ceiling as indicated within the technical specification. Coordinate all installation work with fire protection and lighting upgrades.

The budget for the work is:

| Measure | Cost |
|--------------------------------------|------------------|
| Sprinkler Entrance Modifications | \$15,000 |
| Upper Rink Sprinkler | \$100,000 |
| Upper Rink Sprinkler Upgrade (Elect) | \$6,000 |
| Upper Rink Ice Surface Lighting | \$65,000 |
| Upper Rink Low'e' Ceiling | \$46,000 |
| Upper Rink Dehumidifier (Electrical) | \$4,000 |
| Other Distribution Equipment Panel | \$10,000 |
| Back-flow Preventer Devices | \$15,000 |
| Exterior Lighting Upgrade | <u>\$5,000</u> |
| Total | \$266,000 |

2. Tender Process

MCW Maricor prepared the technical drawings and specifications. MCW provided the contract requirements and general conditions ("front-end") specifications based on the Town of Riverview front end tender documents. The information was advertise and made available publically. There was a non-mandatory bidders meeting held at the site. Four Addenda were issued.

The Tenders were received at the Town Hall of Town of Riverview on June 30, 2017 and opened in public immediately after the close.

The Bidders were as follows:

1. Acadian Construction (1991) Ltd.
2. Avondale Construction Ltd.
3. Al's Electric Services Ltd.

3. Tender Results

The summary of Tender responses from the Bidders and the Lump Sum bids were submitted as follows:

- | | |
|-------------------------------------|--------------------|
| 1. Acadian Construction (1991) Ltd. | \$198,400.00 + HST |
| 2. Avondale Construction Ltd. | \$211,700.00 + HST |
| 3. Al's Electric Services Ltd. | \$249,366.00 + HST |

The detailed Tender results are in the attached Tender Evaluation spreadsheet.

4. Tender Analysis

Price – There were three qualified bids that complied with the tender requirements.

Schedule – The required construction completion date is September 15th, 2017. All bidders matched the required schedule.

Cash Allowance – None.

5. Tender Analysis

Budget Comparison

The total budget for the work is \$266,000 plus HST.

The recommended scope of work and comparison to construction cost budget with the low bidder is as follows:

Base Award Recommendation

| Recommended Award Pricing | Budget | Cost | Variance (\$) | Variance (%) |
|--|-----------|--------------|---------------|--------------|
| 1. Fire Protection Upgrades | | \$42,440.00 | | |
| 2. Upper Rink and Exterior Lighting | | \$52,850.00 | | |
| 3. Low Emissivity Ceiling Installation | | \$43,500.00 | | |
| 4. Miscellaneous Work | | \$59,610.00 | | |
| 5. Recommended Award Pricing | \$266,000 | \$198,400.00 | \$67,600.00 | 25.4% |
| | | | Under budget | |

The price for the recommended work is \$67,600 or 25.4% under the budget. The current scope of this Tender Approval is covered by the current budget.

6. Tender Recommendation

The low responsive Bidder and the recommendation for award is as follows:

Acadian Construction (1991) Ltd. \$198,400.00 + HST

We recommend the work be awarded to **Acadian Construction (1991) Ltd.**

Please review this evaluation and recommendation at your earliest convenience. Please contact me if you have any questions or comments.

Sincerely,

MCW Maricor



Carman Travis, CET, CEM, LEED AP
Partner

Attachments (1):

1. Tender Analysis from MCW Maricor dated June 30, 2017 (2 pages)

Copy: MCW Maricor – Ryan Trenholm
MCW Maricor – Sigourney Stott
MCW Maricor – Munjung Choi-Osmond
Town of Riverview – Gerry Cole

| Town of Riverview | | TENDER ANALYSIS | | |
|---|----------------------|-------------------------------------|-------------------------------|--------------------------------|
| Byron Dobson Arena – Phase I | | | | |
| Facility Upgrade and Improvement | | | Project No.: | 11-17-120 |
| Upper Rink Renovations (GC1) | | | Pakcage No.: | GC1 (TOR 17-41C) |
| (Upper Rink Fire Protection, Lighting and Low-e Ceiling Upgrades) | | | Closing Date: | Jun. 30, 2017 |
| Tender Results | | | By: | MC/CT |
| | Budget / Required | Acadian Construction (1991) Ltd. | Avondale Construction Ltd. | Al's Electric Services Ltd. |
| BUDGET (less HST) | | | | |
| Sprinkler Entrance Modifications | \$15,000 | | | |
| Upper Rink Sprinkler | \$100,000 | | | |
| Upper Rink Sprinkler Upgrade (Elect) | \$6,000 | | | |
| Upper Rink Ice Surface Lighting | \$65,000 | | | |
| Upper Rink Low'e' Ceiling | \$46,000 | | | |
| Upper Rink Dehumidifier (Electrical) | \$4,000 | | | |
| Other Distribution Equipment Panel | \$10,000 | | | |
| Back-flow Preventer Devices | \$15,000 | | | |
| Exterior Lighting Upgrade | <u>\$5,000</u> | | | |
| Total | \$266,000 | | | |
| TENDERS | | | | |
| 1. Fire Protection Upgrades | | \$42,440.00 | \$42,440.00 | \$82,110.00 |
| 2. Upper Rink and Exterior Lighting | | \$52,850.00 | \$52,850.00 | \$107,226.00 |
| 3. Low Emissivity Ceiling Installation | | \$43,500.00 | \$43,500.00 | \$60,030.00 |
| 4. Miscellaneous Work | | <u>\$59,610.00</u> | <u>\$72,910.00</u> | <u>\$0.00</u> |
| 5. Sub-Total | | \$198,400.00 | \$211,700.00 | \$249,366.00 |
| 6. HST (15%) | | \$29,760.00 | \$31,755.00 | \$37,404.90 |
| 7. Total Bid Price | | \$228,160.00 | \$243,455.00 | \$286,770.90 |
| Addenda Acknowledged: | 4 | 4 | 4 | 4 |
| Sub-Contractors: | | | | |
| Low E Ceiling | | Athletica | Athletica | Athletica |
| Sprinkler | | Vipond | Vipond | Troy Life |
| Electrical | | Roadway | Roadway | Al's Electric |
| Reference provided: | Yes / No | Yes | Yes | Yes |
| Machinery & Equipment: | | | | |
| Machine | | N/A | upon award | N/A |
| Make Model No. & Year | | | | |
| License No. | | | | |
| Gas / Diesel | | | | |
| Net Engine HP | | | | |
| Bucket Size or G.V.W. | | | | |
| Foreman/Superintendent provided: | Yes / No | Yes | Yes | Yes |

| | | | | |
|--|--------------------------|---|-----------------------------------|------------------------------------|
| Town of Riverview | | TENDER ANALYSIS | | |
| Byron Dobson Arena – Phase I | | Project No.: 11-17-120 | | |
| Facility Upgrade and Improvement | | Package No.: GC1 (TOR 17-41C) | | |
| Upper Rink Renovations (GC1) | | Closing Date: Jun. 30, 2017 | | |
| (Upper Rink Fire Protection, Lighting and Low-e Ceiling Upgrades) | | By: MC/CT | | |
| Tender Results | | | | |
| | Budget / Required | Acadian Construction (1991) Ltd. | Avondale Construction Ltd. | Al's Electric Services Ltd. |
| Commencement and Completion Dates | | | | |
| Anticipated Project Start Date | 1 wk of contract award | Jul. 10, 2017 | Jul. 10, 2017 | Jul. 04, 2017 |
| Anticipated Project Completion Date | Sep. 15, 2017 | Sep. 15, 2017 | Sep. 15, 2017 | Sep. 15, 2017 |
| Security Deposit | | | | |
| Bid Bond (10%) | Yes / No | Yes | Yes | Yes |
| Perf., Labour & Mat. Bonds (50%) | Yes / No | Yes | Yes | Yes |
| Certificate of Insurance | \$2,000,000 | Yes | - | - |
| NBCSA Letter of Good Standing | | Yes | Yes | - |
| WorkSafe NB | | Yes | - | - |
| Properly Signed Tender | | Yes | Yes | Yes |
| Corporate Sealed | | Yes | Yes | Yes |
| Resolution of Signature | | Yes | Yes | Yes |
| <u>EVALUATION WITH BASE BID PRICES</u> | | Acadian Construction (1991) Ltd. | Avondale Construction Ltd. | Al's Electric Services Ltd. |
| 1. Fire Protection Upgrades | | \$42,440.00 | \$42,440.00 | \$82,110.00 |
| 2. Upper Rink and Exterior Lighting | | \$52,850.00 | \$52,850.00 | \$107,226.00 |
| 3. Low Emissivity Ceiling Installation | | \$43,500.00 | \$43,500.00 | \$60,030.00 |
| 4. Miscellaneous Work | | \$59,610.00 | \$72,910.00 | \$0.00 |
| 5. Total (less HST) | | \$198,400.00 | \$211,700.00 | \$249,366.00 |
| <u>RECOMMENDATION (Less HST)</u> | | Acadian Construction (1991) Ltd. | | |
| <u>Budget</u> | | | | |
| 1. Recommended Award Price | | \$266,000 | \$198,400.00 | |
| Variance (\$) | | \$67,600.00 | | |
| Under Budget (%) | | 25.4% | | |