



## **TOWN OF GRAND FALLS-WINDSOR**

# **TENDER FOR SUPPLY OF LED LIGHT FIXTURES AND SUPPORT ARMS – SKI TRAIL**

**TENDER #2017-G9**

## **General Conditions**

1. All taxes must be included.
2. Tenders which are incomplete, conditional, obscure, or qualified may be rejected as invalid.
3. The equipment list in the Town's specifications must be furnished whether or not included in the standard manufacturer's specifications.
4. The term "standard" is defined as that equipment listed or shown as standard equipment at no extra cost in the manufacturer's current publication.
5. Deviations from specifications must be noted with the bid proposal. Deviations will be considered informalities in bidding and may not be accepted by the Town.
6. In case of tie low bids, the Town reserves the right to use the most expedient means available to arrive at an award.
7. Public Tendering Opening: 2:00 p.m., Thursday, October 19, 2017 at the Town Office, 5 High Street, Grand Falls-Windsor, NL A2A 2J8.
8. This tender is not intended to exclude standard equipment or products unless the words "no substitute" are included in the description.
9. Emailed tenders will only be accepted as a change to the tender already received.
10. Prices quoted must be F.O.B. Ski Trail, Scott Avenue, Grand Falls-Windsor, NL.
11. The Town of Grand Falls-Windsor reserves the right to reject any or all tenders and to accept any bid deemed to be in the Town's best interest. The lowest or any tender will not necessarily be accepted.

12. For further technical information or clarification please contact:

Chad Clendenning  
Assistant Director of Engineering  
Phone: 709-489-0415  
Cell: 709-486-4365  
Email: [Chad.Clendenning@townofgfw.com](mailto:Chad.Clendenning@townofgfw.com)

13. Sealed tenders marked **“TENDER FOR SUPPLY OF LED LIGHT FIXTURES AND SUPPORT ARMS – SKI TRAIL”** are to be addressed and delivered on or before **2:00 p.m., Thursday, October 19, 2017** to:

Susanne Hillier  
Purchasing Officer  
Town of Grand Falls-Windsor  
5 High Street  
P.O. Box 439  
Grand Falls-Windsor, NL  
A2A 2J8  
Phone: 709-489-0422  
Fax: 709-292-0019  
Email: [purchasing@townofgfw.com](mailto:purchasing@townofgfw.com)

14. Equipment purchased by the Town of Grand Falls-Windsor is not to be released to the Town of Grand Falls-Windsor without written authorization of the Town’s Purchasing Department.
15. Brand names or brand name indicators, makes, and model numbers contained herein are for reference only in regards to the type, level of quality, and durability that the Town of Grand Falls-Windsor will accept as a minimum in these specifications.
16. Bidders must meet specifications of original tender document of record held at the Town of Grand Falls-Windsor Purchasing Office. The Town of Grand Falls-Windsor reserves the right, at any time, to reject a tender that has been altered from the original tender document issued to all bidders.

17. Bidders should enclose descriptive literature as part of this proposal.
18. It is the individual bidder's responsibility to ensure that all addenda/um have been received and included in the bid price. If applicable, please note addenda/um on tender summary page.
19. With the consent of the successful bidder, the Town of Grand Falls-Windsor and/or other municipalities reserves the right to purchase subsequent units of equipment under this tender at the price quoted (or lower) at any time during the calendar year following the official closing date of the tender. Any subsequent item purchased in this manner must meet eighty-five percent (minimum) of the specifications required in the original tender.
20. Please state all warranties pertinent to this equipment and its component parts.
21. Tender must be completed on form provided.

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## **LIGHT FIXTURE SPECIFICATIONS**

Streetlight fixtures should be lightweight, easy to maintain and include a **10 years warranty on the fixture. The mounting arm to have a 7 years warranty.** The luminaire should be tool less entry, an efficacy of 85 LPW, correlated color temperature of 3000K, a lumen maintenance factor (LMF) over 0,80 at 100 000 hours in a 5°C ambient temperature. Every fixture should have a Utility Label per ANSI C136.15, a field adjustable output to optimised the energy saving, an integrated 10kV surge suppression protection, a Type II long distribution and a Type 3 medium distribution with an NanoOpic system that deliver a white uniform light for a safer-feeling environment, a UV stabilized polymeric door attached to the die cast aluminium housing and a levelling capability of +/- 5°. The fixture requires a Delta Guard Finish that provides an excellent resistance to corrosion, ultraviolet degradation and abrasion. The fixture's coating should be tested to withstand and exceed 5 000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

The streetlight fixture and a suitable curved aluminium arm for mounting to wood poles are to be provided by the same manufacturer that must be rated to support the specified fixture. The luminaire should be cULus listed, suitable for wet location, certified to ANSI C136.31-2001 3G bridge and overpass vibration standards and a backlight, up light and glare (BUG) rating bug of B1 U0 G1. Maximum EPA value for the fixture and the arm is 0.99. The arm is provide with upper and lower brackets and all the mounting zinc-plated steel hardware needed on a wooden pole mounting.

Alternate manufacturers subject to approval 5 days prior to tender closing. Must include all required fixtures specification sheets along with a lighting design with design grid of 3m x 3m for each area and with the LMF based on light level at 50 000 hours in an annual average ambient temperature of 5 degrees Celsius. The design must be based on a fixture mounting height of 25 feet above ground elevation.

Criteria to meet: Stadium area: average lux: 10,5 ratio avg/min:4.9, ratio avg/max 15.5  
Biking/skiing/walking trail: average lux: 11,8 ratio avg/min:5.65, ratio avg/max 12

### Technical requirements

Initial delivered lumen output for a Type II long distribution: 4598 lumens at 25° ambient  
Initial delivered lumen output for a Type 3 med distribution: 4548 lumens at 25° ambient

Wattage: 54W

Voltage 240v

Dimming 0-10V

Fixture color: silver

Suitable for a 60mm OD tenon

Levelling capability of +/- 5°

Fixture maximum weight: 5kg

Maximum EPA (fixture and arm): 0.99

Two mounting bolts are required to secure the fixture to the arm (must adequately support the light fixture)

ITEM NO.	DESCRIPTION	UNIT	Estimated Quantities	VALUE	
				UNIT PRICE	AMOUNT
1	Supply of LED light fixtures (see technical specifications for detailed requirements)	Each	95		
2	Supply of Wood Pole Mounting Kit for Fixtures including all hardware (see technical specifications)	Each	95		
			<b>Subtotal</b>		
			<b>HST (15%)</b>		
			<b>Total</b>		

Note:

1. For the purposes of the Public Tender Act and the evaluation of tenders received, the bid shall be the Total Tender Amount.
2. Costs associated with the Unit Price work will vary depending upon the quantities authorized by the Engineer/Architect during the course of construction and the final contract amount will be adjusted accordingly, upwards or downwards, based on the quoted unit price.

**TENDER SUMMARY**  
**SUPPLY OF LED LIGHT FIXTURES & SUPPORT ARMS – SKI TRAIL - #2017-G9**

Price for LED Light Fixtures/Mounting Kits \$ \_\_\_\_\_

15% HST \$ \_\_\_\_\_

Total Tender Price \$ \_\_\_\_\_

We hereby acknowledge receipt of the following addenda: (if applicable)

Addendum No. \_\_\_\_\_

Addendum No. \_\_\_\_\_

Addendum No. \_\_\_\_\_

Addendum No. \_\_\_\_\_

If the supplier fails to acknowledge receipt of addenda in the area above, the tender will be considered incomplete.

After having read the terms, conditions, and specifications of this tender, I/we (Name of Firm)

\_\_\_\_\_

guarantee delivery of this new equipment to the Town of Grand Falls-Windsor not later than

\_\_\_\_\_

**SIGNING OF TENDER BID**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Tender results to be emailed to: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Signed, Sealed, and Delivered

The undersigned hereby agree to furnish the equipment listed below in accordance with the specifications on file in the Purchasing Office and which are attached hereto:

Manufacturer: \_\_\_\_\_

Model No: \_\_\_\_\_

Delivery Date: \_\_\_\_\_