



Request for Proposals Huston Park Lighting Upgrade August 15, 2017

The Town of Falmouth Parks & Community Programs seeks qualified contractors to replace and upgrade the lighting at Huston Park tennis courts and ice rink.

Project Location: Huston School Park is located on Falmouth Road. Near the corner of Winn Road, directly behind the Winn Road fire station. Street Address is 5 Winn Road, Falmouth, ME 04105.

Project Scope: To replace all existing HID luminaires at Huston Park tennis courts and ice rink with new energy efficient led light fixtures and upgrade to electrical service. Scope of work will include the replacement of existing wood poles to anchor based poles and new concrete footings for road side locations at Falmouth Rd. Add Alt #1 will be for pole replacement at tennis court location.

Contract Specifications

1. RFP responses shall be received by September 7, 2017 at 11:00AM, Eastern Time. The bids will be read aloud in the Falmouth Parks & Community Programs conference room located at 190 Middle Road, Falmouth, ME 04105.
2. Work may begin once a notice to proceed has been awarded. All work must be completed by November 17, 2017.
3. Contractor shall contact Dig Safe and non-Dig Safe utility operators (which includes both Falmouth Public Works and Wastewater Departments), as required by law.
4. This project shall have a one-year warranty on poles and five-year warranty on light fixtures.
5. Once the required work is complete, the Contractor shall invoice the Town of Falmouth for 100% of the contract amount. The contractor is responsible for one-year of warranty maintenance as part of said contract.
6. All excavation, restoration, materials and maintenance of traffic control shall adhere to Maine Department of Transportation and Town of Falmouth specifications.
7. Contractor shall sign a standard Town of Falmouth agreement and provide proof of insurance.
8. Fixtures are to comply with LM79 and LM80 criteria and be ETL approved.
9. Fixture housing to be corrosion resistant die-cast aluminum with tempered glass lens.
10. Led board to carry 15 year warranty.
11. Led driver to carry 5 year warranty.
12. Led color temp 4000K with min CRI of 74, 100,000 min rated life.
13. Fixture operating temperature -25°C-65°C, IP65 rated, a vibration rating of 1.5G per ANSI 136.31, finish shall be protective UV stabilized power coat.
14. Light Fixture Basis of design – SpecGrade Polaris AFL LED flood light.

15. Lighting Control Panel – Eaton Greengate CK4A

- a. 4 – 20A 120/277V electronically held relays
- b. 4 – 0-10V dimming channels
- c. Astronomical time clock with day light savings time feature
- d. Override switch function
- e. Two (2) hour timer function for night time operation
- f. Warn system to blink when timer is about to expire.
- g. Contractor to provide Nema4X enclosure for control panel mounting 18” x 16” x 10”
- h. MAIN-Key switch for facility override, weatherproof box and cover required.
- i. Weatherproof 24V push button switch for on/off control.
- j. (1) One day of controls startup to be included.

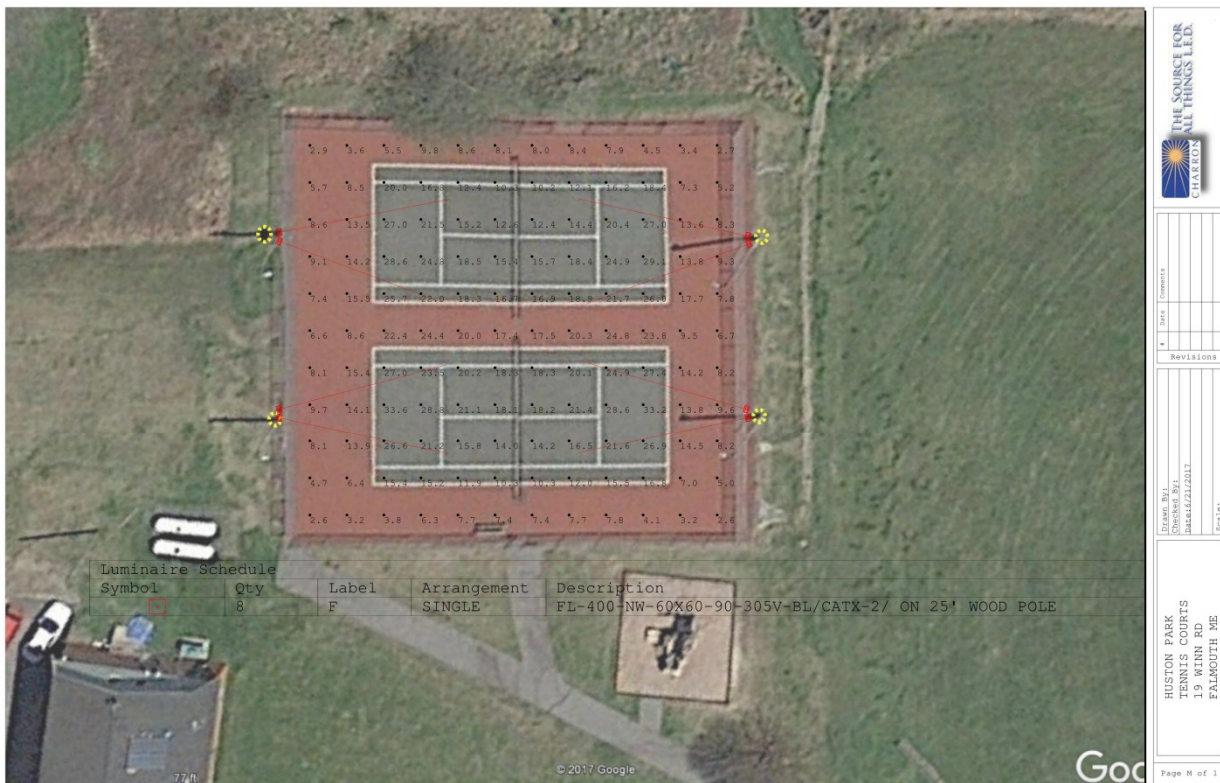
16. New Millbank Meter Main Load Center – U3784-RL or Equal

- a. Up to 8 - 1P 20A circuit Breakers
- b. Rated for 200A

17. Basis of design per photometric plans and manufacturers listed in this document and below, no substitutions unless approved by the Town of Falmouth 14 days prior to bid date.

Design Details – Tennis Courts (4 Poles)

1. Use existing pole locations and existing poles in base bid.
2. Replace existing HID light fixture with new SpecGrade Polaris AFL LED flood light.
3. Aim and adjust all luminaires based on photometric plan below.
4. Alternate price to be submitted for pole replacement as add alternate to base bid of tennis court poles.
 - a. New Poles shall be direct burial fiberglass or wood utility pole with a height if 25' A.G.
5. Lighting control panel shall be supplied for time clock function and switch override function of tennis courts.
6. Use existing conduit for electrical service and light fixtures, if condition is acceptable.
 - a. New meter main load center – Millbank UL3781-RL
7. Use existing underground electrical service.



Design Details – Ice Rink and Parking Lot (4 Poles)

1. Replace (4) existing wooden utility pole with (3) anchor based round steel pole.
2. Move (1) pole to parking lot entrance for illumination of parking lot – Type F4-40.
3. Coordinate new concrete footing size and depth per site conditions.
4. Replace existing HID light fixture with new SpecGrade Polaris AFL LED flood light.
5. Add Type F4-15 to utility shed, contractor to coordinate mounting.
6. Aim and adjust all luminaires based on photometric plan below.
7. All new luminaires shall be provided with glare shields for control of light spill.
8. Lighting control panel shall be supplied for time clock function and switch override function of ice rink.
9. Coordinate with CMP for upgrade to underground electrical service.
 - a. Addition of stub pole may be required.
 - b. Contractor to carry CMP allowance for underground service fee.
10. Provide new conduit for electrical underground service and light fixtures
 - a. New meter main load center – Millbank UL3781-RL



Bid Submittal: Sealed bids shall be addressed to: Huston Park Lighting Replacement 2017, C/O Falmouth Parks & Community Programs, 190 Middle Road, Falmouth, ME 04105 **by September 7, at 11:00AM**, Eastern Time. At this time, bids will be opened and read aloud. An electronic bid tabulation will be sent out after the RFPs have been reviewed. The town of Falmouth reserves the right to accept or reject any or all bids without reason.

All pre-bid correspondence shall be submitted electronically to Jamie Mason, Town Engineer, at hmason@falmouthme.org.

I have read and understand the content of this Request for Proposal (RFP):

Contractor: _____

Signed: _____ Date: _____

Title: _____

Email: _____ Phone: _____

Lump Sum Price (Written): _____

Lump Sum Price (Numeric): _____

Add Alt #1- Lump Sum Price (Written): _____

Add Alt #1- Lump Sum Price (Numeric): _____