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## Request for Proposals Bucknam/Legion Tennis Lighting Upgrade October 27, 2021

The Town of Falmouth Parks & Community Programs seeks qualified contractors to replace and upgrade the lighting at Bucknam/Legion tennis courts.

**Project Location:** Bucknam/Tennis Courts are located off Depot Road/Bucknam Road behind the Central Fire Station and accessed through the Legion Ball Field Complex, Grubb Field parking area.

**Project Scope:** To replace all existing HID luminaires at Bucknam/Legion tennis courts with new energy efficient LED light fixtures and upgrade to electrical service. Scope of work will include the replacement of 4 existing light fixtures at the courts. Add Alt #1 will be for pole replacement.

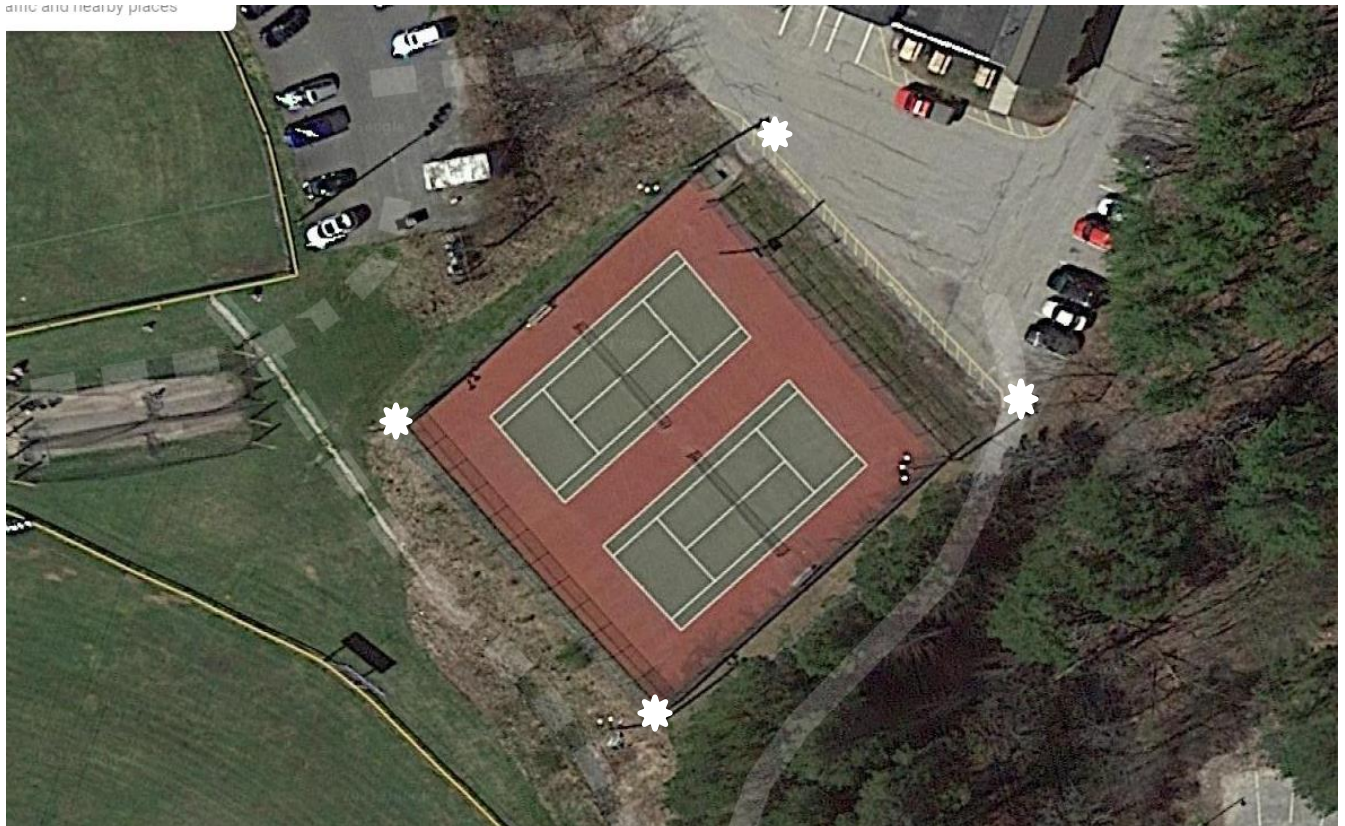
### Contract Specifications

1. RFP responses shall be received by December 2, 2021 at 11:00AM, Eastern Time. The bids will be read aloud in the Falmouth Parks & Community Programs office 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 March 30, 2022.
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 five-year warranty on light fixtures and a one-year warranty on poles (if replaced).
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. Lowest BUG rating possible to reduce light trespass and uplight glow while still effectively lighting the courts.
16. Lighting Control Panel – Eaton Greengate CK4A – to be placed on the **outside** of fenced court area (current controls are inside court area)
  - 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.
17. New Millbank Meter Main Load Center – U3784-RL or Equal
  - a. Up to 8 - 1P 20A circuit Breakers
  - b. Rated for 200A
18. 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. Determine whether adapters or brackets would be necessary to withstand the weight of the fixtures.
3. Replace existing HID light fixture with new SpecGrade Polaris AFL LED flood light.
4. Aim and adjust all luminaires based on photometric plan below.
5. 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 of 25' A.G.
6. Lighting control panel shall be supplied for time clock function and switch override function of tennis courts to be placed on the **outside** of fenced court area.
7. Use existing conduit for electrical service and light fixtures, if condition is acceptable.
  - a. New meter main load center – Millbank UL3781-RL
8. Use existing underground electrical service.



Bid Submittal: Sealed bids shall be addressed to: Bucknam/Legion Tennis Courts Lighting Replacement 2021, C/O Falmouth Parks & Community Programs, 190 Middle Road, Falmouth, ME 04105 **by December 2, 2021** 11:30am, 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 Justin Early, Town Engineer, at [jeary@falmouthme.org](mailto:jeary@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):** \_\_\_\_\_