



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0016

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

July 12, 2023  
Subject: Supply & Delivery of Rectangular  
Rapid Flashing Beacons  
State WIN: 025501.00  
Location: **Statewide**  
**Amendment No. 1**

Dear Sir/Ms.:

The following questions have been received:

**Question:** Will MaineDOT consider 15' poles with breakaway connections to be mounted on a 5.5' x 20" diameter precast foundation in lieu of 20' poles to be cast in concrete? Are 4.5 inch O.D. schedule 40 aluminum poles allowable in place of steel? Would a NEMA 3X cabinet be considered, the only difference being vented sides so the equipment does not overheat.

**Response:** We will allow the 15' poles with breakaway connections if all base and mounting hardware is included in the bid price. Aluminum poles will not be accepted. NEMA 3x cabinet will not be accepted.

**Question:** The spec is asking for 26 pairs of RRFBs. However, it is unclear what "Each Pair" means. Does it mean one double-sided RRFB at one side of crosswalk or two double-sided RRFBs for one crosswalk?

**Response:** Two-double sided RRFBs for one crosswalk is an "Each Pair"

**Question:** The spec mentioned "RRFB Pole". Does this "RRFB Pole" include pole, pole base and precast concrete foundation? If so, does contractor need to supply all of them, or supply only poles?

**Response:** See Question #1

**Question:** The spec mentioned that "Each pole will be outfitted with a 85 watt solar panel, a NEMA 4X aluminum pole mount cabinet and a 105 Ahr battery." What is the operational requirement with these large solar panel and large battery (e.g., system is operational over certain number of raining and cloudy days)? Is it acceptable if we quote a low power consumption RRFB system satisfying the requirement of certain operational raining/cloudy days using smaller solar panel and battery?

**Response:** We are not specifying operational requirement, we are requesting the solar panel and battery specified

**Question:** The spec mentioned that "RRFB Pole shall be unpainted 4-inch inner diameter Schedule 40 galvanized steel". Is it acceptable to quote a simple pipe without any mounting structure (e.g., without threads or bolts)?

**Response:** We want the full assembly procured and delivered.

**Question:** Is it acceptable to sub NEMA 3 cabinets for NEMA 4? The difference is being that the cabinet has venting to prevent the equipment from overheating.

**Response:** No, a NEMA 4x cabinet was specified.

**Question:** Is it acceptable to quote 4.5"OD galvanized steel poles?

**Response:** Yes, the 4-inch ID schedule 40 pipe has a nominal OD of 4.5inch.

**Question:** Would a NEMA 3X cabinet be considered, the difference being vented sides so the equipment does not overheat.

**Response:** No, we would like a NEMA 4X cabinet

**Question:** Can we also offer 4.5" OD galvanized steel poles on our quotation?

**Response:** Yes, the 4-inch ID schedule 40 pipe has a nominal OD of 4.5inch.

Consider these changes and information prior to submitting your bid on **July 19, 2023**.

Sincerely,



George M. A. Macdougall P.E.  
Contracts & Specifications Engineer