

PART TWO

SCOPE OF WORK

1. OVERVIEW

Sauk County is upgrading the FAA Lighting Systems on six (6) county owned towers to comply with the FAA mandate for Dual Tower Top Beacons. The current lighting systems are a combination of incandescent and strobe systems and will be replaced with All LED lighting systems. The purpose of this project is to provide the labor to remove the existing lighting systems, and install county purchased TWR LE 12-3A dual LED lighting kits and mounting hardware. All installation work must comply with FAA Advisory Circular 70-7460-1M

2. SPECIFICS

2.1 Sauk County will provide a TWR model LE12-3A E1/1 Dual Lonestar lighting System to include all lights, side arms, wiring and controllers for each of the tower locations (see attachment A)

2.2. Chosen contractor will need to remove current beacons, side lights, system wiring and lighting controllers and give to the County to dispose of.

2.3 Tower locations and ASR include: (see attachment B):

2.3.1. Tower Rd (E13487 Tower Road, Baraboo, WI 53913) 300' Sabre self-supporting tower, to provide labor to properly install one additional TWR beacon to the existing TWR lighting system with include sidearm and to add side arm to existing TWR beacon already installed, remaining parts from the kit will stay with the county. No removal of equipment is necessary at this site

2.3.2 Courthouse Tower (510 Broadway, Baraboo, WI 53913), 190'3ft face guyed tower on Courthouse roof, to provide labor for the removal of single incandescent beacon, side lights, cabling and controller and provide labor to properly install the TWR LE 12-3A dual LED lighting kits and mounting hardware.

2.3.3. Happy Hill Tower (E8999 Weinke Road, North Freedom, WI) 300' 3ft face guyed anchor tower, to provide labor for the removal of single incandescent beacon, side lights, cabling and controller and provide labor to properly install the TWR LE 12-3A dual LED lighting kits and mounting hardware.

2.3.4. Lake Delton Tower (address) 250' Sabre self-supporting tower, to provide labor for the removal of single strobe beacon, side lights, cabling and controller and provide labor to properly install the TWR LE 12-3A dual LED lighting kits and mounting hardware.

2.3.5. Hillpoint Tower (S8578 CTH N, Plain, WI 53577) 250' Sabre self-supporting tower, provide labor for the removal of single strobe beacon, side lights, cabling and controller and provide labor to properly install the TWR LE 12-3A dual LED lighting kits and mounting hardware.

2.3.6. Thuli Road Tower (S12191 Thuli Rd, Spring Green, WI 53588) 250' Sabre self-supporting tower, provide labor for the removal of single strobe beacon, side lights, cabling and controller and provide labor to properly install the TWR LE 12-3A dual LED lighting kits and mounting hardware.

3. SCHEDULE

The work included in this request for bid shall be substantially completed by August 2nd, 2024.