



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

August 26, 2020

SUBJECT: Various Routes
Section Dist 8 Electrical 2021-1
Various Counties
Contract No. 76M61
Item No. 42, September 18, 2020 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page 10 of the Special Provisions.

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Very truly yours,

A handwritten signature in black ink, appearing to read "Jack A. Elston".

Jack A. Elston, P.E.
Bureau Chief, Design and Environment

SUBMERSIBLE MIXER

This work will consist of furnishing a submersible mixer.

PART 1 – GENERAL SYSTEM DESCRIPTION

PERFORMANCE REQUIREMENTS

Minimum Capacity: 5,167 GPM
Maximum Propeller Rotating Speed: 835 RPM
Minimum Motor Nameplate HP: 5.0 HP
Minimum Axial Thrust: 928 N
Minimum Shaft Power (transmitted to mixed media): 5.0 HP
Electrical Service: 460 Volt, 60Hz, 3 phase

QUALITY ASSURANCE – REFERENCED STANDARDS:

American Iron & Steel Institute (AISI)
American Society for Testing and Materials (ASTM)
Factory Mutual (FM)
National Fire Protection Agency (NFPA)
National Electric Code (NEC)
National Electrical Manufacturers Association (NEMA)
Anti-Friction Bearing Manufacturers Association (AFBMA)
International Standards Organization (ISO) – ISO9001

WARRANTY

The mixer manufacturer shall warrant the mixer and motor to the Owner against defects in workmanship and materials for a period of one (1) year from date of first beneficial use or eighteen (18) months from shipment (whichever comes first). The manufacturer's warranty shall be in published form, and shall apply to all similar units. A copy of the warranty shall be provided to the Owner at startup.

PART 2 – PRODUCTS

ACCEPTABLE MANUFACTURERS

Subject to compliance with the Contract Documents, the following must a KSB Model Amamix to be compatible with existing hardware and equipment. All products, whether named as "acceptable" or proposed as "equal" must fully comply with these specifications. Standard product must be modified, if required, for compliance. The Contractor shall base his bid price on product offered by KSB, Inc. for purposes of determining the successful bidder on this project. The Contractor may submit, with the bid, an alternate proposal with applicable deduct if any for supplying product other than KSB. Alternate proposals must include a clear statement of each point of difference between the proposed alternate product and these specifications. The Owner and Engineer reserve the right to reject any bid not based on KSB product.

Revised August 26, 2020