February 16, 2007

SUBJECT: FAP Route 525

Harrison Avenue

Project ACBRF-525(106)

Section 02-00518-00-BR (Rockford)

Winnebago County Contract No 85399

Item 109 A

March 9, 2007 Letting

TO PROSPECTIVE BIDDERS:

To clarify information it is necessary to revise the following:

Proposal- Revised page 1 of the Schedule of Prices to reflect change to quantity. Revised pages i and 24-27 of the special provisions to reflect changes to specials and added local special provisions.

Plans- Revised Sheets 2, 3, 27-31, 73 and 123.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal. Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Since the proposal sheets are printed back to back, bidders are cautioned to exercise care when inserting revised and/or added special provisions into their proposals.

Please call 217-782-7806 if any of the above-described material is not included in this transmittal.

Very truly yours,

Eric Harm

Interim Engineer of Design and Environment

By: Ted B. Walschleger, P. E.

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Engineer of Project Management

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The surge protector shall conform to Article 1065.02 of the Standard Specifications.

Basis of Payment. This work shall be paid for at the contract unit price each for LUMINAIRE, PULSE START, METAL HALIDE, 400 WATT of the type indicated, which shall be payment in full for the luminaire complete. The luminaire complete includes branch circuit / extension wire as applicable, lamp, fuseholders, mounting hardware, fusing, and surge protectors.

LUMINAIRE, PULSE START, METAL HALIDE, 150 WATT

Luminaire shall meet the requirements of Section 821 of the Standard Specifications, with the following modifications:

Luminaire light distribution shall be Type III full cutoff. Ballast voltage shall be multi-tap set for 480 VAC, 60 Hz. Luminaire shall be 150 watt pulse start metal halide with metal decorative mounting arm and black powder coat finish. Luminaire shall be a Visionscapes ODN-1T2150P6PMBKC2H5-VSWA8 semi-cutoff optics model or of equal specifications with prior approval of the City Engineer.

The fixture shall be installed on a decorative arm attached to the bridge poles indicated on the plans.

The fixture shall be fused separately at the base of the pole.

The fuse holders for the light fixtures shall be single pole, breakaway, waterproof with insulating boots. The fuse holders shall be a Bussmann Tron type HEX Series, of equal specifications with prior approval of the City Engineer, which has a connecting tab to prevent accidental switching of terminals upon connection.

The wiring of the luminaire shall be as follows, starting from the line side: any splices for other luminaires in the circuit; fuseholder; surge protector.

The surge protector shall conform to Article 1065.02 of the Standard Specifications.

Basis of Payment. This work shall be paid for at the contract unit price each for LUMINAIRE, PULSE START, METAL HALIDE, 150 WATT of the type indicated, which shall be payment in full for the luminaire complete. The luminaire complete includes mounting arm, branch circuit / extension wire as applicable, lamp, fuseholders, mounting hardware, fusing, and surge protectors.

LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT MAST ARM

Light pole shall meet the requirements of Section 830 of the Standard Specifications, with the following modifications:

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The pole shall be an aluminum pole according to Article 1069.02 with a 40 foot mounting height designed to accommodate two luminaires. One luminaire shall be mounted to the pole with a 10 foot aluminum truss mast arm. The pole shall be a one piece non-tapered round shaft of aluminum and welded to a flat aluminum anchor base. A flush sided cast aluminum pole top cap shall be provided. The pole shall include a 4" x 8" handhole with ground lug and gasketed cover plate secured with stainless steel screws. The pole shall be furnished with four "L" shaped galvanized anchor bolts, nuts, and washers as shown on the plans. The pole base shall have a two piece cast aluminum full base cover secured with stainless steel screws.

The pole shall have an additional mounting plate installed fifteen (15) feet above grade on the multiuse path side so that the specified path fixture can be installed onto the light poles indicated on the plans. All poles shall include design loading for a future light fixture mounted at fifteen (15) feet above grade.

The light pole shall be finished with a UV resistant coating of electrostatically applied polyester powder, or approved equivalent. Surface preparation shall be a chemical treatment process. The finish shall be oven baked. The color shall be black.

<u>Basis of Payment.</u> This work will be paid for at the contract unit price each for LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM.

LIGHT POLE FOUNDATION

<u>Description:</u> Light pole foundations shall meet the requirements of Section 836 of the Standard Specifications, with the following modifications:

Foundations shall include the raceways and grounding electrode as indicated on the plans.

<u>Method of Measurement.</u> The foundation will be measured for payment per each of the foundation in place, in accordance with the total length of concrete foundation depth indicated on the plans and as directed by the Engineer.

Basis of Payment: This work will be paid for at the contract unit price each for LIGHT POLE FOUNDATION, of the type, diameter, and length indicated including raceways and grounding electrode.

CONDUIT, FLEXIBLE METALLIC, WEATHERPROOF, 2" DIAMETER

<u>Description</u>. This work shall consist of installing flexible conduit at bridge abutments. These flexible expansion joints are at locations on the bridge abutments where movement will damage rigid

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conduit and are shown on the plans.

<u>Materials.</u> The conduit and fittings shall meet the requirements of Articles 1088.01 of the Standard Specifications.

<u>Installation</u>. The flexible conduit shall be installed according to Section 811 of the Standard Specifications. In addition to installing the flexible conduit, this work shall include gland nuts, fitting, hardware, and all miscellaneous items necessary to make the connections to the rigid conduit system and /or stainless steel junction box, attached to the structure.

When electrical continuity of the conduit system is required, the connections shall include bonding of the metallic core and/or bonding strap of the flexible conduit to the rigid conduit or box. Connections shall be made and coated in a manner approved by the Engineer.

<u>Basis of Payment.</u> This work will be paid for at the contract unit price each for CONDUIT, FLEXIBLE METALLIC, WEATHERPROOF, 2" DIAMETER. The length of the conduit is based on the maximum amount of movement at each location and shall be determined by the Engineer.

UNDERGROUND RACEWAYS

<u>Description</u>: Underground raceways shall meet the requirements of Section 810 of the Standard Specifications, with the following modifications:

(e) Raceways shall include a pull wire for pulling of future wire. Pull wire shall be of plastic having not less than 200 pound tensile strength. Leave not less than 12 inches slack at each end of the wire.

Method of Measurement.

The pull wire will not be measured for payment.

Basis of Payment.

The pull wire will be included in the cost for CONDUIT IN TRENCH.

RACEWAYS EMBEDDED IN STRUCTURE

<u>Description</u>: Raceways embedded in structure shall meet the requirements of Section 812 of the Standard Specifications, with the following modifications:

(d) Raceways shall include a pull wire for pulling of future wire. Pull wire shall be of plastic having

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not less than 200 pound tensile strength. Leave not less than 12 inches slack at each end of the wire.

Method of Measurement.

The pull wire will not be measured for payment.

Basis of Payment.

The pull wire will be included in the cost for CONDUIT EMBEDDED IN STRUCTURE.

GENERAL ELECTRICAL REQUIREMENTS

Add the following to Section 801 of the Standard Specifications:

Lighting Cable Identification. Each wire installed shall be identified with its complete circuit number at each termination, splice, junction box or other location where the wire is accessible.

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