



ADDENDUM #2

**2023 SCHOOL ZONE FLASHER PROJECT – VAN GORDER ELEMENTARY –
FEDERALLY FUNDED**

BID # 23/24-002 / PWP # WA-2023-477

FEDERAL PROJECT #61106, NDOT PROJECT #TAP-0191-(342)

BIDS DUE NO LATER THAN: 1:45 PM ON OCTOBER 18, 2023

PUBLIC BID OPENING: 2:00 PM ON OCTOBER 18, 2023

This addendum is to notify all potential proposers of clarifications made to the Bid documents as stated below.

Due to hybrid schedules and staff reductions, in-person staff availability is limited. Bidders wishing to physically deliver their bids on the bid due date shall note that the Transportation Manager will receive bids in the lobby of City Hall beginning at 1PM on October 18, 2023. Bids are due no later than 1:45PM. Bids may also be delivered to the Purchasing Department physical dropbox/mailbox, also located in the lobby of City Hall.

A) Pole Update

Correction to Pg 58 of the Bid Document. Strike “powder coated black” under School Zone Flasher Assembly, #2. Please see attached for updated sheet.

Please note and adjust your bid according to the revisions, additions, deletions, clarifications or modifications as presented on this Addendum #1, which are made a part of this bid. NOTE: To avoid disqualification, this Addendum 2 (and any other addenda) must be signed by an authorized representative of the bidding firm in the space provided and must be submitted with your firm’s sealed proposal. Failure to return this addendum, duly signed, may be cause for rejection of the bid. ALL ADDENDA SHOULD BE SIGNED AND PLACED IN SEQUENTIAL ORDER AND ATTACHED TO THE FRONT OF THE BID PACKAGE, COMPLETE WITH ALL REQUIRED DOCUMENTS.

CONTRACTOR BUSINESS NAME

X _____
Authorized Signature

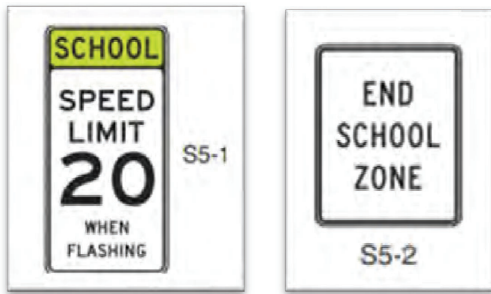
Printed Name of Person Signing

Amber Sosa, P.E.
Transportation Manager

October 12, 2023

School Zone Flasher Assembly:

1. Three single display polycarbonate signal heads with 12" LED modules. Three quarter cutout yellow visors on each signal display. Backplates to be single head 1-piece black polycarbonate.
2. Use a 4.5" OD x 15'H aluminum ~~powder coated black~~ pole, square break-away base with 12" x 14.5" dia. bolt pattern, Grounding lug, Collar and Anchor bolts.
3. Foundation per NDOT Standard detail TS-11 "Flashing Warning Sign and School Zone Flasher". Diameter 1'6", Depth 4'3".
4. Solar Cabinet: .125" 5052 sheet aluminum cabinet with number 2 APL lock 16.25" H x 18" W x 12.5" D mounted to the pole with U-bolt mounting kit.
5. Solar Panel: Properly sized Solar Panel Assembly including top of pole gimbal mount and wiring harness.
6. Install a S5-1 School Speed Limit sign, 48"H x 24"W mounted directly to the pole using a U-bolt mounting kit.
7. Use high-intensity prismatic fluorescent yellow-green sign sheeting and follow MUTCD standards for sign layouts.
8. Mount a S5-2 "End of School Zone" sign directly behind the S1-1 "School Zone" sign using a mounting bracket.



9. Solar Array: 20 to 110 watts as needed with mounts to fit all varieties of poles with a guaranteed power output 90% rated wattage for 10 years; 80% for 25 years.
10. Battery: 12-volt / 100+ Amp Hour / Deep Cycle / Group 31 / gel-cell battery rated as non-spill able, non-lithium, and scaled to fit run time requirements.
11. Use RTC MFG Model AP22 time switch with M2M Cellular Modem for communications. Mount the AP22 at the top of the power distribution panel.
12. Control Panel: Interface panel and 10-amp solar regulator with low voltage disconnect to protect battery from over-discharge.
13. Alternating flash can be either solid state #159 2 circuit 4 pin relay or a NEMA Type 6 pin flasher socket mounted horizontal with the flasher standing on the socket.
14. All equipment must be within the City of Sparks right of way or easement.
15. Must be proven operational before City acceptance.