

**Addendum No. 2
to the
Contract Documents
JVWCD Headquarters Upper Campus Site Repairs & Improvements
Project**

To All Planholders

March 29, 2021

Gentlemen:

Project No.: 3910

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the construction of the "JVWCD Headquarters Upper Campus Site Repairs & Improvements", dated March 3 2021, as fully and completely as if the same were fully set forth therein:

A. Units and Measurement Technical Specification Section: The attached UNIT PRICE – MEASUREMENT AND PAYMENT documents is made integral part of the BID DOCUMENTS.

All bidders shall acknowledge receipt and acceptance of this Addendum No. 2 by signing in the space provided herein and submitting the signed Addendum with the bid. Bids submitted without this Addendum will be considered non-responsive.

Sincerely,

Jordan Valley Water Conservancy District

Marcelo Anglade, P.E.

Receipt acknowledged and conditions agreed to this _____ day of _____, 2021.

Bidder

By

UNIT PRICE - MEASUREMENT AND PAYMENT

1. **Base Bid:** Measurement and payment shall be in accordance with APWA 01 29 00 except as follows:

A. Bid Item – Mobilization

- a. APWA Standard Specification Reference: APWA 01 71 13.
- b. Measurement: Lump Sum.
- c. Payment Covers: Cost of mobilization, temporary facilities, modifying and maintaining project sponsorship signs, pothole existing utilities, project site pre-construction video tape, and all necessary permits.
- d. The lump sum cost of Mobilization and Demobilization shall not exceed 10% of the total base bid. Any bid proposal that contains a bid for mobilization and demobilization greater than 10% of the total bid may be deemed unresponsive.
- e. Partial payments will be as follows:

Partial Payment	Amount	When Paid
1 st	25 percent of mobilization or 2.5 percent of original contract amount, whichever is less.	With 1 st estimate
2 nd	25 percent of mobilization or 2.5 percent of original contract amount, whichever is less.	With 1 st estimate following completion of 5 percent of contract.
3 rd	25 percent of mobilization or 2.5 percent of original contract amount, whichever is less.	With 1 st estimate following completion of 10 percent of contract
4 th	25 percent of mobilization or 2.5 percent of original contract amount, whichever is less.	With 1 st estimate following completion of 20 percent of contract

B. Bid Item – Asphalt to be Removed and Disposed

- a. APWA Standard Specification Reference: APWA 02 41 14.
- b. Measurement: Square Feet.
- c. Payment Covers: All costs of labor, materials, equipment and appurtenances required to remove and dispose of all asphalt pavement as shown on the project plans.

C. Bid Item – Concrete to be Removed and Disposed

- a. APWA Standard Specification Reference: APWA 02 41 14.
- b. Measurement: Square Feet.
- c. Payment Covers: All costs of labor, materials, equipment and appurtenances required to remove and dispose of concrete as shown on the project plans.

D. Bid Item – Excavation

- a. APWA Standard Specification Reference: APWA 31 23 16.
- b. Measurement: Cubic Yard.
- c. Payment Covers: All costs for labor, materials, equipment coordination and appurtenances required for excavation and removal of material as required within the limit of construction as shown on the project plans. Dispose of all excavated material removed from the site in an approved location. No payment will be made under any item for unauthorized excavation outside of the lines and grades shown on the plans. Excavation for all piping will be considered incidental to those items.

E. Bid Item – Remove Concrete Waterway

- a. APWA Standard Specification Reference: APWA 02 41 14.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs of labor, materials, equipment and appurtenances required to remove and dispose of concrete as shown on the project plans.

F. Bid Item – Curb and Gutter to be Removed and Disposed

- a. APWA Standard Specification Reference: APWA 02 41 15.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to demolish, remove and dispose of all curb and gutter as required within the limits of construction as shown on the project plans. Saw cutting shall be considered incidental to removal of curb and gutter.

G. Bid Item – Gas Line to be Cut, Capped and Abandoned in Place

- a. APWA Standard Specification Reference: APWA 31 23 16, 02 41 13
- b. Measurement: Each.

- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to cut and cap existing gas line, including excavation and backfill of void.

H. Bid Item – Storm Drain Pipe to be Removed and Disposed

- a. APWA Standard Specification Reference: APWA 31 23 16, 02 41 13
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to remove and dispose of existing reinforced concrete pipe, including excavation and backfill of void.

I. Bid Item – Existing Storm Drain Headwall and Valve to be Removed and Disposed

- a. APWA Standard Specification Reference: APWA 31 23 16, 02 41 13
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to remove and dispose of existing storm drain headwall and valve, including excavation and backfill of void.

J. Bid Item – Existing Gate to be Removed, Stored, and Replaced

- a. APWA Standard Specification Reference: APWA 31 23 16, 02 41 13
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to remove, store, and replace existing gate, including excavation and backfill of void.

K. Bid Item – Sawcut – Tie In to Existing Asphalt/Concrete

- a. APWA Standard Specification Reference: APWA 02 41 14
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to sawcut where called out on plans.

L. Bid Item – Construction Silt Fencing

- a. APWA Standard Specification Reference: APWA 31 25 00
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to install and remove construction silt fencing as called out on plans.

M. Bid Item – Filter Sock Inlet Protection

- a. APWA Standard Specification Reference: APWA 31 25 00
- b. Measurement: Each.

- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to install and remove Filter Sock Inlet Protection as called out on plans.

N. Bid Item – Storm Drain Catch Basin to be Removed and Disposed

- a. APWA Standard Specification Reference: APWA 02 41 13.
- b. Measurement: Each.
- c. Payment Covers: All cost of labor, materials, equipment and appurtenances required to demolish, remove and dispose of existing inlet box as shown on the project plans. Excavation, saw cutting and backfill shall be considered incidental to removal of inlet box.

O. Bid Item – Remove and Properly Dispose of Existing ADA Parking Sign

- a. APWA Standard Specification Reference: APWA 32 01 05.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to relocate/remove signs as shown on the project plans, complete and in place.

P. Bid Item – Remove and Properly Dispose of Existing Tree

- a. APWA Standard Specification Reference: APWA 31 11 00.
- b. Measurement: Each.
- c. Payment Covers: All costs of labor, materials, equipment and appurtenances required to remove and dispose of all trees and roots as shown on the project plans.

Q. Bid Item – Remove and Properly Dispose of Existing Fence

- a. APWA Standard Specification Reference: APWA 32 01 10.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to remove and properly dispose of existing fence, as shown on the project plans, complete and in place.

R. Bid Item – Remove and Relocate Existing Monument and Lighting

- a. APWA Standard Specification Reference: APWA 31 23 16, 02 41 13
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to remove, store, and replace existing monument and lighting, including excavation and backfill of void.

- S. **Bid Item – Remove and Properly Dispose of Existing Water Line**
 - a. APWA Standard Specification Reference: APWA 31 23 16, 02 41 13
 - b. Measurement: Linear Feet.
 - c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to remove and dispose of existing water line, including excavation and backfill of void.

- T. **Bid Item – Tree Protection**
 - a. APWA Standard Specification Reference: N/A.
 - b. Measurement: Each.
 - c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to install and remove Tree Protection as called out on plans.

- U. **Bid Item – 4” Heavy Asphalt Pavement**
 - a. APWA Standard Specification Reference: APWA 32 12 05, 32 12 03.
 - b. Measurement: Square Feet.
 - c. Payment Covers: All costs for labor, materials, equipment, coordination, and appurtenances required to complete the placement of 4” thick (minimum) asphalt concrete surface course for roadway and trench restorations including, but not limited to bituminous material, aggregates, additive, tack coat, placing, compacting compaction testing, and all incidentals necessary to complete this item. The contractor shall be required to provide independent laboratory testing to determine density and thickness.

- V. **Bid Item – 3.5” Asphalt Pavement**
 - a. APWA Standard Specification Reference: APWA 32 12 05, 32 12 03.
 - b. Measurement: Square Feet.
 - c. Payment Covers: All costs for labor, materials, equipment, coordination, and appurtenances required to complete the placement of 3.5” thick (minimum) asphalt concrete surface course for roadway and trench restorations including, but not limited to bituminous material, aggregates, additive, tack coat, placing, compacting compaction testing, and all incidentals necessary to complete this item. The contractor shall be required to provide independent laboratory testing to determine density and thickness.

W. Bid Item – 5” Concrete Sidewalk

- a. APWA Standard Specification Reference: APWA 32 16 13, 32 13 13.
- b. Measurement: Square Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination, and appurtenances required to install 5 inch thick concrete flatwork as shown on the project plans, complete and in place. Payment does not include untreated base course.

X. Bid Item – 6.5” Vehicular Concrete Section

- a. APWA Standard Specification Reference: APWA 32 16 13, 32 13 13.
- b. Measurement: Square Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination, and appurtenances required to install 6.5 inch thick concrete flatwork as shown on the project plans, complete and in place. Payment does not include untreated base course.

Y. Bid Item – 30” Curb and Gutter with Base Course

- a. APWA Standard Specification Reference: APWA 32 16 13.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination, and appurtenances required to install curb and gutter as per project plans, complete and in place. Payment includes 4 inches of untreated base course.

Z. Bid Item – Type ‘P’ Curb with Base Course

- a. APWA Standard Specification Reference: APWA 32 16 13.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination, and appurtenances required to install curb as per project plans, complete and in place. Payment includes 4 inches of untreated base course.

AA. Bid Item – Aggregate Base Course

- a. APWA Standard Specification Reference: APWA 32 11 23.
- b. Measurement: Cubic Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to complete the following including but not limited to: hauling, placing, compaction, compaction testing, final grading, and any other work required to place untreated base course.
- d. Base course for storm drain boxes and concrete structures will be considered incidental to those bid items.

BB. Bid Item – Granular Subbase

- a. APWA Standard Specification Reference: APWA 31 05 13.
- b. Measurement: Cubic Feet.
- c. Payment Covers: All cost for labor, materials, equipment and appurtenances required to complete the following: supplying, hauling, placing, compacting, compaction testing, final grading and any other work required to place borrow as shown on the project plans.

CC. Bid Item – Concrete Waterway

- a. APWA Standard Specification Reference: APWA 32 16 13.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct concrete waterway as shown on the project plans, complete and in place. Payment does not include untreated base course.

DD. Bid Item – Utility Structure Adjust to Grade

- a. APWA Standard Specification Reference: APWA 33 05 14.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to adjust a utility structure lid to grade including installing concrete grade collar, as shown on the project plans, complete and in place.

EE. Bid Item – Detectable Warning Surface (3' Section)

- a. APWA Standard Specification Reference: APWA 32 16 14.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct Detectable Warning Surface as per as shown on the project plans, complete and in place. Payment does not include untreated base course.

FF. Bid Item – Wheel Stops

- a. APWA Standard Specification Reference: N/A
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct wheel stops as shown on the project plans, complete and in place.

GG. Bid Item – Precast Concrete Wing Wall for Box Culvert

- a. APWA Standard Specification Reference: APWA 31 23 23, 31 23 16, 03 40 00, 33 05 02.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct precast concrete wing wall for the box culvert. Payment does not include untreated base course.

HH. Bid Item – Guardrail along Wing Wall

- a. APWA Standard Specification Reference: N/A.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct the guardrail along wing wall, as per project plans, complete and in place.

II. Bid Item – Fence Replacement

- a. APWA Standard Specification Reference: APWA 32 01 10.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct fence replacement as shown on the project plans, complete and in place, and in coordination with property owner.

JJ. Bid Item – Rip-Rap with Fabric

- a. APWA Standard Specification Reference: APWA 31 37 00.
- b. Measurement: Cubic Yards.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to complete the following including but not limited to: hauling, placing, compaction, compaction testing, final grading, and any other work required to place Rip-Rap with fabric.

KK. Bid Item – Structural Fill Box Culvert

- a. APWA Standard Specification Reference: APWA 31 23 23.
- b. Measurement: Cubic Feet.
- c. Payment Covers: All costs for labor, materials, equipment and appurtenances required to complete the following including but not limited to: hauling, placing, compaction, compaction testing, final grading, and any other work required to place structural fill.

LL. Bid Item – 5’ Diameter Storm Drain Manhole

- a. APWA Standard Specification Reference: APWA 33 41 00.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct a single 5’ Diameter Manhole as shown on the project plans, complete and in place. Excavation, untreated base course, backfill material, and compaction shall be considered incidental to the installation of the manhole.

MM. Bid Item – 2’x4’ Storm Drain Catch Basin

- a. APWA Standard Specification Reference: APWA 33 41 00.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct a 2’x4’ catch basin as shown on the project plans, complete and in place. Excavation, untreated base course, backfill material, and compaction shall be considered incidental to the installation of the catch basin.

NN. Bid Item – 24” Pipe Outfall

- a. APWA Standard Specification Reference: APWA 33 41 00, 33 05 02.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to construct a 24” pipe outfall as shown on the project plans, complete and in place. Excavation, untreated base course, backfill material, and compaction shall be considered incidental to the installation of the pipe outfall.

OO. Bid Item – 8” CAV

- a. APWA Standard Specification Reference: APWA 33 12 16.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to install an 8” CAV as required for the

installation of the water system including, but not limited to excavation, pipe cutting, relocating valves and fittings, providing and installing temporary valves, installing thrust blocks, dewatering, backfill and testing.

PP. Bid Item – 8” C900 Water Line

- a. APWA Standard Specification Reference: APWA 33 05 07.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to install 8” waterline as required for the installation of the water system including, but not limited to excavation, pipe cutting, relocating valves and fittings, providing and installing temporary valves, installing thrust blocks, dewatering, backfill and testing to meet Jordan Valley requirements.

QQ. Bid Item – 8” Water Line 45 Degree Bend

- a. APWA Standard Specification Reference: APWA 33 05 17.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to loop 8” waterline as required for the installation of the water system including, but not limited to excavation, pipe cutting, relocating valves and fittings, providing and installing temporary valves, installing thrust blocks, dewatering, backfill and testing to meet Jordan Valley requirements.

RR. Bid Item – 12” RCP Storm Drain

- a. APWA Standard Specification Reference: APWA 33 05 02.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to furnish and install 12 inch diameter class III reinforced concrete pipe as shown on the project plans, complete and in place. Excavation, imported backfill and compaction (up to pavement section) shall be considered incidental to pipe installation.

SS. Bid Item – 15” RCP Storm Drain

- a. APWA Standard Specification Reference: APWA 33 05 02.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to furnish and install 15 inch diameter class III reinforced concrete pipe as shown on the project plans, complete and in place. Excavation, imported backfill and compaction (up to pavement section) shall be considered incidental to pipe installation.

TT. Bid Item – 18” RCP Storm Drain

- a. APWA Standard Specification Reference: APWA 33 05 02.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to furnish and install 18 inch diameter class III reinforced concrete pipe as shown on the project plans, complete and in place. Excavation, imported backfill and compaction (up to pavement section) shall be considered incidental to pipe installation.

UU. Bid Item – 24” RCP Storm Drain

- a. APWA Standard Specification Reference: APWA 33 05 02.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to furnish and install 24 inch diameter class III reinforced concrete pipe as shown on the project plans, complete and in place, as well as concrete anchors per plan. Excavation, imported backfill and compaction (up to pavement section) shall be considered incidental to pipe installation.

VV. Bid Item – Tie-ins to Existing Storm Drain System

- a. APWA Standard Specification Reference: APWA 33 41 00.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to tie in to existing storm drain system including, but not limited to excavation, pipe cutting, relocating fittings, providing and installing temporary valves, installing thrust blocks, dewatering, backfill and testing to meet Jordan Valley requirements.
- d. Pavement restoration beyond the standard trench width for 15” storm drain installation including, but not limited to saw-cutting, untreated base course, compaction and asphalt pavement is also covered under this item.

WW. Bid Item – 5’x3’ Concrete Box Culvert

- a. APWA Standard Specification Reference: APWA 33 05 02, 33 41 00, 03 40 00.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to furnish and install 5’x3’ Box Culvert as shown on the project plans, complete and in place. Structural fill and aggregate base course are not included in this payment.

XX. Bid Item – Underground Electrical Conduit Loop

- a. APWA Standard Specification Reference: N/A.
- b. Measurement: Lump Sum.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to loop underground electrical conduit as required for the installation of the storm drain system including, but not limited to excavation, pipe cutting, relocating valves and fittings, providing and installing temporary valves, dewatering, backfill and testing to meet Jordan Valley requirements.
- d. Contractor to coordinate with JWCD.

YY. Bid Item – Telecommunication Conduit Loop

- a. APWA Standard Specification Reference: N/A.
- b. Measurement: Lump Sum.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to loop telecommunications conduit as required for the installation of the storm drain system including, but not limited to excavation, pipe cutting, relocating valves and fittings, providing and installing temporary valves, dewatering, backfill and testing to meet Jordan Valley requirements.
- d. Contractor to coordinate with JWCD.

ZZ. Bid Item – Gas Line Relocation

- a. APWA Standard Specification Reference: N/A.
- b. Measurement: Lump Sum.
- c. Payment Covers: Contractor to coordinate with Rocky Mountain Power and JWCD for gas line relocation portion of project.

AAA. Bid Item – Landscape Replacement

- a. APWA Standard Specification Reference: APWA 32 01 90.
- b. Measurement: Square Feet.
- c. Payment Covers: All costs for labor, materials, equipment coordination and appurtenances required to maintain, relocate, repair or replace vegetation, landscaping, and disturbed irrigation systems as shown on the project plans, complete and in place, including but not limited to placing 4 inches of topsoil, sod, seed or other plants, complete and in place.

BBB. Bid Item – Landscape Installation

Contractor not bidding on this item

CCC. Bid Item – 4” Solid Striping

- a. APWA Standard Specification Reference: APWA 32 17 23.
- b. Measurement: Linear Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to prepare and paint one 4” solid stripe as shown on the project plans.

DDD. Bid Item – Cross Walk-Paint

- a. APWA Standard Specification Reference: APWA 32 17 23.
- b. Measurement: Square Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to prepare and paint cross walk paintas shown on the project plans.

EEE. Bid Item – ADA Markings and Loading Zones

- a. APWA Standard Specification Reference: APWA 32 17 23.
- b. Measurement: Each Feet.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to prepare and paint ADA Markings for Loading Zone as shown on the project plans.

FFF. Bid Item – 4” Tap into 8” C900 Water Line

- a. APWA Standard Specification Reference: APWA 33 05 07.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to tie in to existing water system with a 4” tap, including, but not limited to excavation, pipe cutting, relocating fittings, providing and installing temporary valves, installing thrust blocks, dewatering, backfill and testing to meet Jordan Valley requirements.

GGG. Bid Item – 8x6x8” Tee into 8” C900 Water Line

- a. APWA Standard Specification Reference: APWA 33 05 07.
- b. Measurement: Each.
- c. Payment Covers: All costs for labor, materials, equipment, coordination and appurtenances required to tie in to existing water system with a 8”x6”x8” tee, including, but not limited to excavation, pipe cutting, relocating fittings, providing and installing temporary valves, installing thrust blocks, dewatering, backfill and testing to meet Jordan Valley requirements.

END OF DOCUMENT