

ADDENDUM NO. 1

TO

CONTRACT DOCUMENTS
AND SPECIFICATIONS FOR

2017 Asphalt Replacement

July 2017

SOUTH VALLEY WATER RECLAMATION FACILITY



Signed
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The Specifications and Plans are hereby revised to include the following changes, additions, and/or clarifications. The Contractor bidding the project shall conform to these revisions.

NOTE: The Addendum shall be stapled to the inside cover of the Contract Documents and submitted with the complete bound Document as part of the Bid.

PLANS

1. Drawing C.01: Overall Site Plan & Project Control

The following shall be added to Note 1: “Millings kept on-site may be placed to a maximum depth of 3 inches, spread evenly. Contractor may compact millings to allow more millings to remain on-site.”

2. Drawings C.02 - C.05

The following shall be added to Note 4: “All overexcavated material to be hauled off-site.”

3. General

The following general notes shall be added to the plans:

1. All removed concrete and associated debris shall be hauled off-site.
2. Contractor shall keep all debris from entering inlet grates on-site.
3. All curb & gutter which has accumulated any kind of debris as a result of the work shall be cleaned both during and immediately after construction.

CONTRACT DOCUMENTS

4. Page 00310-1, BID SCHEDULES

Bid Schedule A has been revised to include the items “Crack Seal Existing Asphalt” and “Seal Coat Existing Asphalt”.

Bid Schedule B has been revised to include the item “Remove Topsoil”.

The revised bid schedules are included as attachments to this addendum.

TECHNICAL SPECIFICATIONS

5. Page D2-22, 020637 SEAL COATING

This section refers to an attached Specification Section 32 01 19, which was not attached to the specifications. This specification is included as an attachment to this addendum.

SECTION 32 01 19

ASPHALT EMULSION SEAL COAT

PART 1 - GENERAL

1.01 SUMMARY

- A. Includes But Not Limited To:
 - 1. Furnish and install emulsion sealer on existing asphaltic concrete paving as described in Contract Documents.

1.02 REFERENCE

- A. American Society For Testing And Materials:
 - 1. ASTM D 977-03, "Standard Specification for Emulsion Asphalt."
 - 2. ASTM D 2397-02, "Standard Specification for Cationic Emulsified Asphalt."

1.03 SUBMITTALS

- A. Product Data: Provide Manufacturer's literature and installation instructions.
- B. Quality Assurance/Control:
 - 1. Provide following information on at least five projects of similar size in area of the Project where sealer has been applied in the last 5 years.
 - a. Project names and addresses.
 - b. Date of installation.
 - c. Name of maintenance supervisor or owner.

1.04 PROJECT CONDITIONS

- A. Project Environment Requirements:
 - 1. Apply sealer at ambient temperatures between 50 and 80 deg F.
 - 2. Do not apply sealer over wet pavement or when precipitation is imminent.

1.05 SEQUENCING

- A. Do not apply sealer over newly laid asphalt paving. Apply only on asphalt paving that has cured for 6 months minimum.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Sealer
 - 1. Asphalt Emulsion: Meet requirements of ASTM D 977, Grade SS-1h or ASTM D 2397, Grade CSS-1h.
 - 2. Weight per Gallon Liter: 10 lbs One kg minimum.
 - 3. Residual Asphalt: 20 percent minimum by weight.
 - 4. Mineral inert Fillers: 35 percent maximum by weight.
 - 5. Water: 40 percent maximum by weight.
 - 6. Latex Additive: Add at plant a rate of 2.0 parts latex to 100 parts asphalt emulsion.

- B. Aggregate:
1. Clean sand free of silt, clay, salts, and organic matter, and meeting following grading requirements:
 - a. Sieve Percent of Weight Passing
 - 1) NO. 16 100
 - 2) NO. 30 15-85
 - 3) NO. 50 2-10
 - 4) NO. 100 0-2
 - b. Sieve Percent of Weight Passing
 - 1) NO. 30 100
 - 2) NO. 40 0-15
 - 3) NO.100 0-2

PART 3 - EXECUTION

3.01 PREPARATION

- A. Protection: Protect signs, posts, street lamp posts, trees, shrubs, and tops of curb and gutters from being discolored by splashing asphaltic material.
- B. Surface Preparation:
 1. Plane or grid off existing painted lines, grease or oil patches, and spillage of any material that has adhered to pavement.
 2. Remove debris, sand, dirt, and dust from pavement using power brush, power vacuum sweeper, and 15 hp minimum blower as necessary.
 3. Seal areas damaged by oil or grease in accordance with Manufacturer's recommendations.

3.02 APPLICATION

- A. Do not apply sealer until completion of crack sealing specified in Section 32 01 17, if applicable.
- B. Follow Sealer Manufacturer's recommendations in regard to fogging of substrate, priming of substrate, and dilution of sealer.
- C. Apply sealer using power driven machine that continually mixes sealer, water, and sand.
- D. Apply two coats minimum. Apply addition coats if necessary to attain manufacturer's recommended coverage. Allow 24 hours between coats.
 1. First coat shall contain minimum aggregate recommended by Manufacture for substrate with 2 lb aggregate/gal minimum.
 2. Do not add aggregate to second and subsequent coats.
- E. Application Rate: 0.35 gal per sq yd 2L per sq m minimum.

3.03 PROTECTION

- A. Keep traffic off freshly applied sealer for 24 hours minimum.

END OF SECTION

BID SCHEDULES

PART 1 – GENERAL

1.01 CONSTRUCTION CONTRACT

- A. Name of Project: SVWRF – 2017 ASPHALT REPLACEMENT

1.02 SCHEDULES TO BE ADDED TO THE AGREEMENT

- A. Bid Schedules A & B contain the schedule of prices which will be incorporated into the Agreement by reference.

1.03 TAXES

- A. The Bidder agrees that all sales, consumer, use, and other similar taxes are included in the stated bid prices for the Work, unless provision is made herein for the Bidder to separately itemize the estimated amount of tax.

1.04 SCHEDULES OF PRICES

- A. **Unit Price Bid:** Schedule of Prices for “SVWRF – 2017 Asphalt Replacement” as specified and shown on the Drawings. Bidder shall complete Bid Schedules A & B in their entirety.
- B. The sum of the prices for Bid Schedule A shall be the basis for determination of the lowest responsible, responsive bidder.
- C. The OWNER reserves the right to award Bid Schedule A or both Bid Schedules A & B, or to not award the WORK, whichever may be deemed in the best interest of the OWNER by the OWNER.

**BID SCHEDULE A
2017 ASPHALT REPLACEMENT**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1	Mobilization	1	LS		
2	Sawcut Asphalt	123	LF		
3	Sawcut and Remove Curb & Gutter	184	LF		
4	Sawcut and Remove Curb	216	LF		
5	Grind and Remove Existing 4" Asphalt	53,077	SF		
6	Over-Excavation & Import Backfill	404	CY		
7	Filter Fabric	10,894	SF		
8	8" Thick Road Base	521	TON		
9	4" Thick Asphalt Pavement	53,376	SF		
10	Waterway	291	LF		
11	Curb and Gutter	402	LF		
12	4" Thick Sidewalk	309	SF		
13	Remove Concrete Collar for Valve Box	12	EA		
14	New Concrete Collar for Valve Box	15	EA		
15	Realign Valve Box	4	EA		
16	Remove Concrete Collar for Manhole	8	EA		
17	New Concrete Collar for Manhole	11	EA		
18	Realign Manhole	3	EA		
19	Crack Seal Existing Asphalt	1,745	SF		
20	Seal Coat Existing Asphalt	1,745	SF		
	BID SCHEDULE A TOTAL				
(written in words)					

**BID SCHEDULE B
2017 ASPHALT REPLACEMENT**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1	Mobilization	1	LS		
2	Sawcut Asphalt	58	LF		
3	Over-Excavation & Import Backfill	72	CY		
4	Road Base	682	TON		
5	4" Thick Asphalt Pavement	7,860	SF		
6	2' x 2' Storm Drain Box	3	EA		
7	4" Cast Iron Pipe	100	LF		
8	Remove Topsoil	9,755	SF		
	BID SCHEDULE B TOTAL				
(written in words)					

- END OF BID SCHEDULES -