

Addendum No. 1
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April 24, 2014

08-SBd-2-138-0.0/6.4.0.0/4.8
08-0R4004
Project ID 0812000066
ACSTP-X071(065)E

In the Special Provisions, Section 14-6.02C(3) the 1st paragraph is replaced as follows:

"Not Used".

In the Special Provisions, DIVISION VIII "MISCELLANEOUS CONSTRUCTION," Section 80 is added as attached.

In the Special Provisions, DIVISION IX "TRAFFIC CONTROL FACILITES" is added as follows:

"DIVISION IX TRAFFIC CONTROL FACILITES"

In the *Bid* book, in the "Bid Item List," Item 14 is replaced, Item 25 is added and Item 7 is deleted as attached.

To *Bid* book holders:

In the *Bid* book, pages 3 and 4 of the "Bid Item List" are replaced as attached. The attached Bid Item List is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the *Bid* book.

Submit bids in the *Bid* book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.


for BASEM MUALLEM
District Director

Attachments

DIVISION VII MISCELLANEOUS CONSTRUCTION

80 FENCES

Add to section 80-1.07 with:

80-1.07A Temporary Fence (Type Desert Tortoise)

80-1.07A(1) General

Section 80-1.07A includes specifications for constructing Temporary Fence (Type Desert Tortoise). Comply with Section 14-6.02

80-1.07A(2) Materials

All materials must conform to Section 80-4.01 except for the following:

Hardware Cloth must have minimum 16-gage wire thickness

Hold-Down Pins must:

1. Be U-shaped, with two 6 inch minimum length legs
2. Have angled leg ends
3. Be 11 gage minimum wire thickness
4. Be galvanized
5. Be commercial quality

80-1.07A(3) Construction

Installation must conform to Section 80-4.01.

The hardware cloth must extend a minimum of 24 inches above the ground and must be folded at a 90° angle towards the tortoise habitat area and fastened to the ground with hold-down pins. Ensure that there is zero to 2 inch ground clearance at the bend. Ensure that the bent horizontal portion of the hardware cloth is lying on the ground. Pins must be completely pushed into the ground.

At locations where the hardware cloth overlaps, the bent portion laying on the ground must have either the barbless wire threaded along the edge of the hardware cloth roll's width, or a minimum of 4 hog rings equally spaced along this edge.

All posts must be plumbed in the vertical position after hardware cloth installation. Ensure that posts and hardware cloth are plumb and taut. Make needed adjusts to correct any alignment issues.

Fence that is damaged during the progress of the work must be repaired or replaced at your expense the same day the damage occurs. Repair must be approved.

Dispose of Temporary Fence (Type Desert Tortoise) when no longer required. Fill holes resulting from removal of posts. Compact soil into holes with minimum 8 lb or greater tamper. Restore area to resemble surrounding existing habitat.

80-1.07A(4) Payment

Not Used

**Replace "Reserved" in section 80-4 with:
80-4 SPECIES PROTECTION FENCES**

80-4.01 Desert Tortoise Fence

80-4.01A General

Section 80-4.01 includes specifications for constructing Desert Tortoise Fence. Comply with Section 14-6.02.

80-4.01B Materials

Hardware Cloth must:

1. Comply with ASTM A740
2. Have 1-inch x 2-inch rectangular mesh spacing
3. Have minimum 14-gage wire thickness
4. Have 36 inch width
5. Be welded or woven galvanized steel wire fabric

Barbless wire must:

1. Comply with ASTM A641
2. Have a 14-gauge minimum wire thickness
3. Have zinc coating, Class 1

Steel Posts must:

1. Comply with ASTM F 1083
2. Be 1-inch NPS, Schedule 40 (Standard Weight)
3. Have 4-foot, 8-inch overall length
4. Be galvanized
5. Or, are galvanized steel fence posts conforming to ASTM A702.

Wire ties and hog rings must comply with Section 80-2.02F:

Hold-Down Pins must comply with Section 80-1.07A(2).

80-4.01C Construction

Excavate the ground to form a trench prior to installing posts and hardware cloth. Clear excavated trench of obstructions. Embed posts at 5-foot maximum intervals into the ground. All posts must be plumbed in the vertical position prior to hardware cloth installation. If ASTM A702 posts are used, use 5 foot lengths and embed posts to match above ground post dimension heights as shown.

Fasten the hardware cloth securely to the posts with wire ties and to barbless wire with hog rings as shown. Keep hardware cloth taut between posts prior to fastening. Wire ties must pass through the hardware cloth and encircle the post and barbless wire; finally, to be tied by twisting a minimum of three complete turns. Bend twisted wire ends down to prevent possible snagging. Close hog rings with ends overlapping. The hardware cloth must extend a minimum of 24 inches above the ground and must be buried a minimum of 12 inches into the ground.

Hardware cloth must be installed in continuous lengths. Do not cut hardware cloth rolled length into shorter segments unless directed by the Engineer or as shown.

Hardware cloth segment overlaps must only occur at posts locations. Overlap hardware cloth a minimum of 6-inches centered at a post. Wire tie overlapped hardware cloth to posts as shown. Keep hardware cloth edges from fraying by threading barbless wire along the vertical edges of the hardware cloth on either side of the post or use 3 equally spaced hog rings (6-total per location) along each wire cloth edge.

Where bedrock or caliche substrate is encountered, use bent hardware cloth detail option with the Engineer's approval. Transitions from buried to bent (or bent to buried) configuration will occur at post location with a 6-inch minimum hardware cloth overlap as shown. Bent hardware cloth configuration must be kept to minimum. Maximum spacing for hold-down pins will be 24-inches on center. At the beginning and end corners of the hardware cloth placed on the ground must be anchored in place with hold down pins.

Backfill the removed earth material into the trench created to install hardware cloth and posts. Use an 8 lb. or heavier hand tamper to compact backfill around posts and hardware cloth. Ensure that posts and hardware cloth are plumb and taut. Make needed adjusts to correct any post or hardware cloth alignment issues.

At corners or end of hardware cloth runs, a post must be installed.

Fence that is damaged during the progress of the work must be repaired or replaced at your expense the same day the damage occurs. Repair must be approved by the Engineer.

If gate must be installed, conform to Section 80-10, attach hardware cloth to gate frame to that there is contact along entire gate length between finished ground surface and lower edge of hardware cloth.

80-4.01D Payment

Not Used

**BID ITEM LIST
08-0R4004**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
3	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
4	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	4		
5	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
6	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
7	BLANK					
8	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	2,060		
9	150722	REMOVE PAVEMENT MARKER	EA	1,680		
10	150770	REMOVE ASPHALT CONCRETE PAVEMENT (SQFT)	SQFT	1,150		
11	150771	REMOVE ASPHALT CONCRETE DIKE	LF	5,000		
12	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	137,000		
13	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	
14	390020	PREPAVING GRINDING DAY	EA	3		
15	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	2,000		
16	390132	HOT MIX ASPHALT (TYPE A)	TON	300		
17	390140	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	16,700		
18	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
19	394075	PLACE HOT MIX ASPHALT DIKE (TYPE D)	LF	5,000		
20	397005	TACK COAT	TON	53		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,920		
22	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	LF	81,000		
23	840581	4" THERMOPLASTIC TRAFFIC STRIPE (RECESSED)	LF	100,300		
24	850122	PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)	EA	1,680		
25	027492	TEMPORARY FENCE (TYPE DESERT TORTOISE)	LF	1,000		

TOTAL BID:

\$
