



**ADDENDUM NUMBER THREE**  
**to the**  
**PROJECT SPECIFICATIONS**  
**and**  
**CONTRACT DOCUMENTS**  
**for**  
**Concrete Dams Repair Project**  
**(Project # 12-7007810-8930-09532)**

**DATE OF ADDENDUM:** April 19, 2012

**TO ALL BIDDERS BIDDING ON THE ABOVE PROJECT:**

The following addendum shall be made part of the Contract Documents. All other provisions of the Contract Documents remain unchanged. The Bidder shall acknowledge receipt of this addendum on page 13 of the Proposal by inserting the addendum number and date on the executed page of the Proposal. The contents of this Addendum shall be given full consideration in the preparation of the Bid.

**BID OPENING DATE:** April 26, 2012, 2:00 PM, MST

**Plans Clarifications:**

Sheet CO4 Dam Repair Details 1

Replace Upper Goldwater Dam Parapet Wall Spall Repair – 5/CO6 with the attached Exhibit “A” – Upper Goldwater Dam Parapet Wall Spall Repair and Walkway Repair.

Sheet C06 Upper Goldwater Dam

1. **Revise** callout note #2 dimensions to: 22' x 3' x 2" (Type I concrete repair, wall).
2. **Revise** callout note #3 dimensions to: 22' x 7' x 1.5" (Type I concrete repair, deck).
3. **Revise** callout note #4 dimensions to: 22' x 6" x 1.5" (Type I concrete repair, edge)
4. **Revise** callout note #5 dimensions and type to: 4 @ 18" long x 2" deep x 1' wide at top (Type I concrete joint repair, with mechanical anchors and caulking). Location is 22' north of approach east-west spillway parapet.
5. **DELETE:** callout note #6 on the table and on the plans.
6. **Revise** callout note #7 dimensions to: 17' x 2.5' x 2" (type I concrete repair, beam. Includes 1.5' top width and 6" height each side.)
7. **Revise** callout note #9 to include: (Lower beam to buttress rock pockets.)
8. **Revise** callout note #10 to include: (Deck and edge with contraction joints.)

6. **Revise** callout note #7 dimensions to: 17' x 2.5' x 2" (type I concrete repair, beam. Includes 1.5' top width and 6" height each side.)
7. **Revise** callout note #9 to include: (Lower beam to buttress rock pockets.)
8. **Revise** callout note #10 to include: (Deck and edge with contraction joints.)
9. **ADD:** Callout and construction note 10-a, 16 @ Parapet walkway edge joint repair, Type II concrete repair with mechanical anchors, no caulking.
10. **ADD:** Callout and construction note 10-b, 4 @ 3' x 2' x 1.5" (Type I concrete repair, Parapet walkway, under slab.)
11. **Revise** callout note #11 dimensions and type to: 340' x 12" x 4", Type II concrete repair.
12. **ADD:** Callout and construction note 12-a, Additional Type II concrete repair, with mechanical anchors, Parapet wall joints with extreme spall depth. Depth and location varies as noted below (top length x side width x depth). Locations per buttress numbering system shown on profile view.

Parapet/Buttress Joint #	North Side Joint	South Side Joint
8	None required	1.5'x1'x8"
9	2'x6"x6"	1'x1'x(3"inside-1.5'outside)
10	1'x1'x6"	None required
11	None – Incl. w/top	1.5'x8"x2'inside-3'outside)
12	None – Incl. w/top	None – Incl. w/top
13	None required	2'x1.5'x2"
14	2.5'x1.5'x12"	6"x4"x1"
15	2.5'x1'x6"	1.5'x1'x6"
16	1'x4"x2"	1.5'x1.5'x8"
17	1.5'x1'x4"	3'x8"x4"
18	1'x6"x2"	1.5'x1'x6"
19	1.5'x6"x2"	1'x1'x4"
20	5'(outside)x1'x4"	None required
21	1'x4"x2"	1'x1'x4' (outside)
22	1.5'x(3'outside, 2'inside)x6"	8"x8"x4"
23	1'x4"x2"	3'x(5'outside, 1'inside)x8"
24	1.5'x5'x6"	1.5'x1'x3"

13. **Revise** callout note #13 dimensions to: 4 @ 10' x 1.53' x 4".
14. **Revise** callout note # 15 to add: (Upstream buttress/parapet wall joint)
15. **Revise** callout #16 dimensions: 1' x 1.5' x 4" (triangular)
16. **Revise** callout note #17, Type IV shotcrete or conventionally place concrete with anchors, rebar and formwork.

#### Sheet C-07 Lower Goldwater Dam

1. **ADD:** Construction note #6, 5 ea. 8' x 1" Remove & replace elastomeric sealant and backing rod on walkway deck.
2. **ADD:** Construction note #7, Remove and re-install existing stairs.
3. **ADD:** Construction note #8, 6 Ea., Remove & treat stumps, various locations.
4. **ADD:** Construction note #9, Remove existing debris at toe, construct 6" wide x 8" deep toe trench.

#### Sheet C08 Granite Creek Dam

1. **Revise** callout note #2 dimension, 10 LF new double tube handrail, posts & anchor plates. Coordinate placement with security fence & gate.
2. **Revise** callout note #11 dimension, 11' x 5' 2", Type I concrete repair with edge replacement.
3. **Revise** callout note #13 dimension, 8' x 5' x 2", Type I concrete repair with edge replacement.
4. **Revise** callout note #16 dimensions, 28 LF new double tube handrail, posts & anchor plates. Handrail shall enclose walkway end to spillway.
5. **Revise** callout note #18 dimensions, 3' x 1' x 4".

#### Sheet C09 Willow Creek Dam

1. **ADD:** Spillway plan view, callout note #4 Upper shelf Type II repair adjacent to notes 5 and 6.
2. **DELETE:** Main dam callout note #5.
3. **Revise** Spillway callout note #9, 46 LF, Excavate 12" deep x 18" wide (nominal) rock drainage channel, including depth thru stilling basin outlet.
4. **Revise** Spillway callout note #7, Type IV shotcrete or conventionally place concrete with anchors, rebar and formwork.

#### **Bid Schedule:**

**DELETE:** Original Bid Schedule.

**ADD:** Bid Schedule (Revised), Attached.

#### **Special Provisions:**

SP202-1, Clearing and Grubbing, 3<sup>rd</sup> paragraph. **ADD:** Stump removal, in accordance with these Special Provisions, is also required at the toe of the Lower Goldwater Dam and spillway.

SP350-1, Removal of Existing Improvements, Section C. **ADD:** The contractor shall remove and re-install the existing metal stairs and security fence/gate as required to prepare the existing concrete surface and place a uniform Type IV/V concrete repair on the downstream face of Lower Goldwater Dam. Such work shall include the removal of existing nuts from bolts, cutting and re-welding as required and re-painting damaged sections of handrail or stairs.

SP350-1, Removal of Existing Improvements, Section G. **Revise to Read:** Unless specifically identified in the bid schedule for each dam, no separate payment shall be made for removal of existing improvements.

**ADD:** Pay Item 350-1, Lower Goldwater, Remove & Re-install Existing Stairs & Security Fence w/Gate. (LS)

SP505-8.7.C.1, 1<sup>st</sup> paragraph. **ADD:** Equipment used for hydro-blasting or hydro-demolition of the existing concrete surfaces shall produce a minimum 8,000 psi to a maximum 15,000 psi pressure.

- END -

City of Prescott, Public Works Department

  
\_\_\_\_\_  
Mark Nietupski, Public Works Director

**Acknowledgement:** (must be signed and turned in with the bid documents)

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Company Official

\_\_\_\_\_  
Date

**City of Prescott Dam Repairs Project  
Bid Schedule (Revised)**

<b>Upper Goldwater Dam &amp; Spillway</b>					
Item #	Item Description	Quantity	Unit	Unit Cost	Item Cost
104-3a	Mobilization	1	LS		
400-1a	Traffic Control	1	LS		
200-6	Pit Fill Rock, 3"-6" Dia.	36	CY		
505-8a	Type I (Approach Deck & Wall)	220	SF		
505-8a	Type I (Approach Deck Edge)	11	SF		
505-8a	Type II (Approach Joints, w/Anchors)	6	LF		
505-8a	Type I (Crest Walkway)	2040	SF		
505-8a.1	Type I w/anchors (Crest Walkway, Under Slab)	24	SF		
505-8a	Type I (Stiffening Beams)	425	SF		
505-8a	Type I (Downstream Lower Buttresses)	30	SF		
505-8b.1	Type II w/anchors (Crest Parapet, incl. top & 1.5' each side)	1360	SF		
505-8b.1	Type II w/anchors (Parapet Wall Joints)	290	SF		
505-8b.1	Type II w/anchors (Parapet Wall Extreme Spall Depth Joints)	72	SF		
505-8b.1	Type II w/anchors (Buttress Upstream Joints, 4 ea buttress)	1245	SF		
505-8c	Type III (Spillway)	4	SF		
505-8c	Type III (Lower Stiffening Beams)	2	SF		
505-8d	Type IV/V (Spillway Toe)	84	CF		
505-8d.1	Alternate: Conventional Concrete w/anchors, rebar & forms (Spillway toe)	84	CF		
505-8e	Type III (Buttress/Upstream slab)	62	SF		
505-10	Remove & Replace Exist. Joint Sealant	15	LF		
505-10	Parapet, Buttress & Slab New Joint Sealant	825	LF		
618-1	Drain Line & valve pit core	60	LF		
				<b>Subtotal</b>	
<b>Lower Goldwater Dam &amp; Spillway</b>					
Item #	Item Description	Quantity	Unit	Unit Cost	Item Cost
104-3b	Mobilization	1	LS		
105-10	Control Wires	1	LS		
200-1b	Stump Removal & Treatment	38	EA		
200-1b	Clear & Grub Toe w/ 6" x 8" toe trench	1	LS		
350-1	Remove & Re-Install Existing Stairs & Security Fence w/Gate	1	LS		
400-1b	Traffic Control	1	LS		
505-8e	Surface Preparation	14777	SF		
505-8d	Type IV/V Surface Course	4926	CF		
505-8d	Type IV/V Leveling Course	2704	CF		
505-8f	Spillway Excess Concrete Removal	123	SF		
505-8g	Timber Removal & Type III Repair	1	LS		
505-10	Concrete Polyurethane Joint, Remove & Replace Exist.	40	LF		
				<b>Subtotal</b>	
<b>Granite Creek Dam &amp; Spillway</b>					
Item #	Item Description	Quantity	Unit	Unit Cost	Item Cost
104-3c	Mobilization	1	LS		
400-1c	Traffic Control	1	LS		
401-6c	Warning Signs	3.5	SF		
420-1	Security fence w/gate	1	EA		

420-1	Security fence wo/gate	1	EA		
505-8a	Type I	310	SF		
505-8b	Type II	67	SF		
505-8c	Type III	22	SF		
520-1	New Handrail	38	LF		
520-2	Replace handrail, weld to exist. posts	10	LF		
520-2	Weld repair handrail	3	EA		
				<b>Subtotal</b>	
	<b>Willow Creek Dam &amp; Spillway</b>				
<b>Item #</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Item Cost</b>
104-3	Mobilization	1	LS		
200-8	Spillway Drainage Improvement	46	LF		
200-1b	Spillway Stump Removal & Treatment	8	EA		
400-1d	Traffic Control	1	LS		
401-6c	Warning Signs	7	SF		
420-1	Security fence w/gate	2	EA		
420-1	Security fence wo/gate	2	EA		
505-8a	Type I	500	SF		
505-8b	Type II	46	SF		
505-8c	Type III	2	SF		
505-8d	Type IV/V	630	CF		
505-8d.1	Alternate: Conventional Concrete w/anchors, rebar & forms (Spillway toe)	630	CF		
520-1	New Handrail (Abutment)	29	LF		
520-2	New Handrail (w/Steps & Walkway)	121	LF		
505-9	Concrete Methacrylic Sealant	1200	SF		
				<b>Subtotal</b>	
	<b>Contract Allowance</b>	1	LS	\$85,000.00	\$85,000.00
	<b>Total Bid</b>				

Dollars

(Written Words)

Signature of Company Official

Title

Company Name

Phone Number

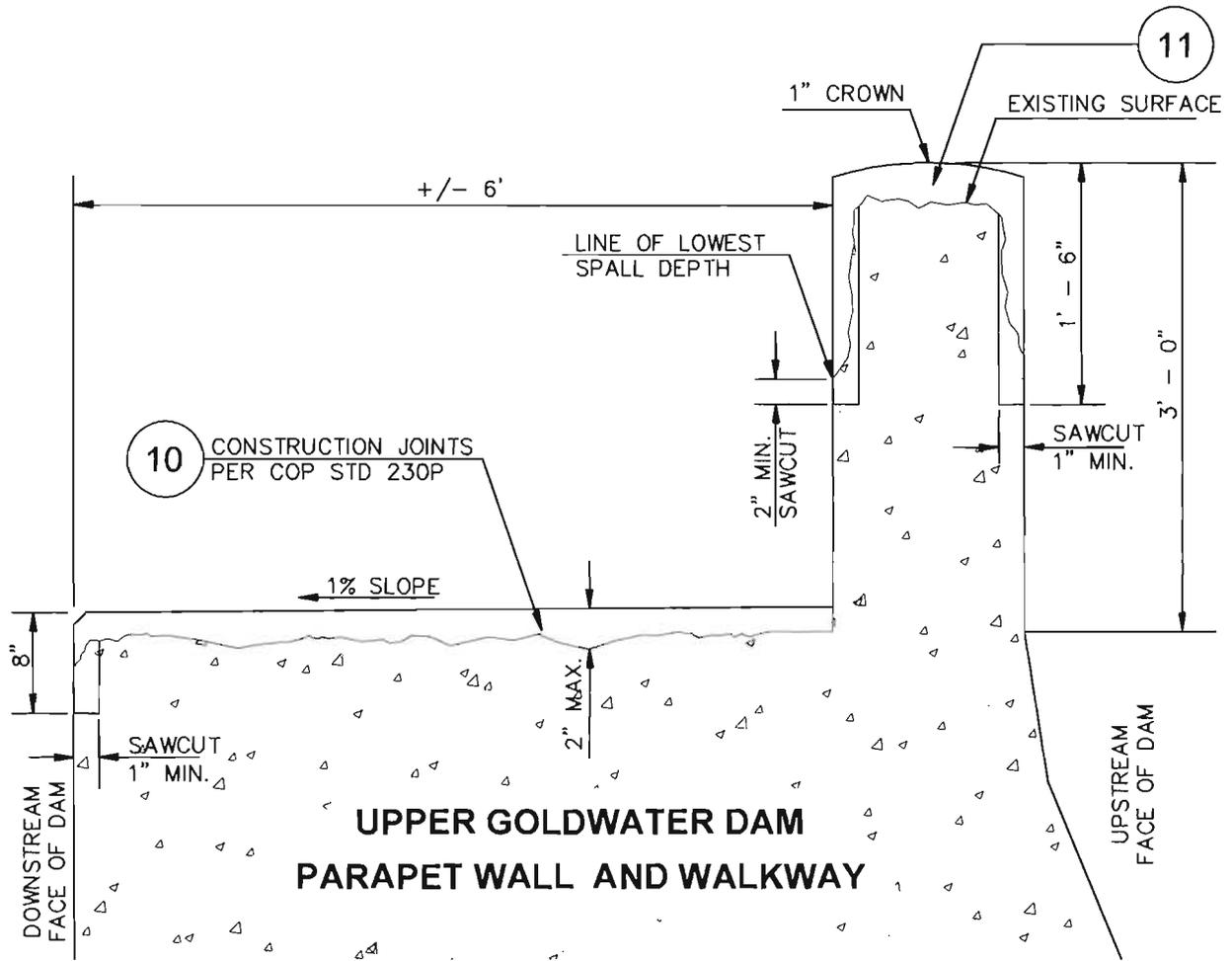
Address

Fax Number

City/State

Zip Code

# UPPER GOLDWATER DAM PARAPET WALL SPALL REPAIR AND WALKWAY REPAIR



**EXHIBIT "A"**  
**CONCRETE DAMS REPAIR PROJECT**  
**CITY OF PRESCOTT PUBLIC WORKS DEPARTMENT**