



PROCUREMENT DEPARTMENT

DESIGN & CONSTRUCTION DIVISION • 130 W. CONGRESS STREET, 3RD FLOOR • TUCSON, ARIZONA 85701-1317
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June 17, 2016

ADDENDUM NO. 2

**SOLICITATION NO. 220377 PANTANO WASH BANK PROTECTION AND RIVER PARK PHASE III:
TANQUE VERDE ROAD TO FORT LOWELL PARK (5PWFLT)**

This Addendum addresses questions raised from June 10, 2016 through 12:00 noon, June 16, 2016. This Addendum shall be incorporated and made part of the Bid Documents as though included therein. **This addendum is 8 pages.**

QUESTIONS/CLARIFICATIONS/REQUESTS FOR INFORMATION:

PRE-BID ATTENDANCE SIGN IN SHEET: The sign-in sheet for the pre-bid meeting held June 8, 2016, is available on the Pima County Procurement Department Design and Construction Division website at: <http://www.pima.gov/procure/ifbrfp-dc.htm> under the heading for this solicitation.

Changes to bid documents:

1) BID SCHEDULE:

Bid Schedule: Bidders are instructed to REMOVE all prior Bid Schedules in the bid documents and addenda, and REPLACE in their entirety with the attached EXHIBIT "A" – BID SCHEDULE - Revised June 17, 2016 (ATTACHMENT 1) (4 pages) Failure to use the corrected bid schedule may result in bid rejection. The revised bid schedule with this addendum incorporates the following changes:

- 1) Item 2010004 Preservation Fencing (Orange Mesh) - revise quantity to 6,300 L.F.
- 2) Item 2030401 Drainage Excavation- revise quantity to 116,280 C.Y.
- 3) Add: Item 2030901 Borrow (Soil Cement Aggregate), unit C.Y., quantity 13,000.
- 4) Item 2050001 Grading Roadway for Pavement- delete item from bid schedule.
- 5) Item 3030003 Aggregate Base Course- revise quantity to 487 C.Y.
- 6) Item 4060500 Bituminous Material Price Adjustment-revise Force Account (FA) quantity to 10,000 at the unit price of \$1.00 for an amount of \$10,000.
- 7) Item 5011032 Pipe, Reinforced Concrete, Class II, 30"- revise quantity to 291 L.F.
- 8) Item 5011052 Pipe, Reinforced Concrete, Class II, 48"- revise quantity to 142 L.F.
- 9) Delete: Item 5111508 Pipe HDPE (8")(Low Flow Outlet per Sheet DD3) from bid schedule.
- 10) Delete: Item 6010200 Concrete Retaining Wall (at Rose Hill Wash)(Per ADOT B-16.10) from bid schedule.
- 11) Item 6080001 Traffic Control/ Warning Sign-Multi-Use Path (Contractor Provided)- revise quantity to 19 Each.
- 12) Item 6080002 Traffic Control/ Warning Sign-Drives and Parking Lot (Contractor Provided)- revise quantity to 2 Each.
- 13) Item 7080001 Pavement Marking Painted- revise quantity to 29,975 L.F.

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- 14) Item 8020020 Water Harvesting Basin w/ Scattered Rock (Detail 5, Sheet L20)- revise quantity to 20,050 S.F.
- 15) Item 8030024 Decomposed Granite for Pathway and Equestrian Parking Area Construction- revise quantity to 11,218 S.Y.
- 16) Item 8030072 Decorative Boulders Size Varies (2'x3'x2' to 3'x4'x3')(Contractor to Salvage from Site & Relocate)(per Dtl. 6, Sheet L20)- revise quantity to 86 Each.
- 17) Item 8030077 Habitat Rubble Piles (Detail 7, Sheet L20)- revise quantity to 6 Each.
- 18) Item 8050004 Seeding (Type II)(Mix#1)(1st Application)- revise quantity to 14.6 Acre.
- 19) Item 8050005 Seeding (Type II)(Mix#1)(2nd Application)- revise quantity to 14.6 Acre.
- 20) Add: Item 8061001 Tree (15 Gallon)(Agency Provided), unit Each, quantity 281.
- 21) Item 8061006 Tree (Large Treepot)(Agency Provided)- revise quantity to 69 Each.
- 22) Add: Item 8061007 Tree (Small Treepot) (Agency Provided), unit-each, quantity-277.
- 23) Item 8061009 Tree (24" Box)(Contractor Provided)- revise quantity to 22 Each.
- 24) Revise Item number 8061607 to 8061615 Cactus or Accent Plant (3 gal.)(Agency provided) and revise quantity to 240 Each.
- 25) Revise Item 8061615 to 8061607 Saguaro Cactus (3'-5' Tall)(Agency Provided) and revise quantity to 30 Each.
- 26) Item 8061701 Browser Cages (New)(Detail 3, Sheet L20)- revise to 1,393 Each.
- 27) Item 8061702 Browser Cages (Recycled)(Detail 3, Sheet L20)- revise to 800 Each.
- 28) Item 8080050 Dri-Water System- revise quantity 270 Each.
- 29) Item 9020007 Chain Link (Fence 72")(per NRPR Std. Dtl. 600 & 601)- revise to 220 L.F.
- 30) Add: Item 9020008 Chain Link (Breakaway)(per Dtl. A, Sheet DD12), unit L.F., quantity 20.
- 31) Revise Item 9020241 item description to "Chain Link Double Swing Gate (18 ft.).
- 32) Add: Item 9020500 Temporary Chain Link Fence, unit L.F., quantity 5,000.
- 33) Item 9050001 Guardrail, W-Beam, Single Face- revise quantity to 32 L.F.
- 34) Item 9080005 Concrete Curb, (PC/COT Std. Dtl. 209)(Type 2)- revise quantity to 2403 L.F.
- 35) Item 9080086 Concrete Wheel Stop- revise quantity to 3 Each.
- 36) Item 9080090 Concrete Curb Terminal Section (PC/COT Std. 212)- revise quantity to 7 Each.
- 37) Item 9080201 Concrete Paving, Walkways and Plazas- revise quantity to 6,621 S.F.
- 38) Item 9080280 Curb Access Ramp, PC/COT Std. Dtl. 207- revise quantity to 4 Each.
- 39) Item 9080402 Concrete Header, PC/COT Std. Dtl. 213- revise quantity to 273 L.F.
- 40) Item 9130008 Riprap (Handplaced)- revise quantity to 81 C.Y.
- 41) Item 9130009 Riprap (Handplaced Grouted)- revise quantity to 35 C.Y.
- 42) Item 9130055 Salvaged Scattered Rock- revise quantity to 75 C.Y.
- 43) Revise: Item 9140306 Staging Area Entry Sign (Details 4 and 5, Sheet S2) Unit to Each and revise quantity to 2 each.
- 44) Item 9200401 Soil Cement Bank Protection- revise quantity to 61,068 C.Y.
- 45) Item 9200451 Cementitious Material for Soil Cement (8%)-revise quantity to 8,903 Ton.
- 46) Item 9330001 Barricade Railing (PC/COT Std. Dtl. 105)- revise quantity to 9,217 L.F.
- 47) Item 9330004 Refurbish Existing Handrail- revise quantity to 1,300 L.F.
- 48) Item 9330005 Post and Cable Fencing- revise quantity to 14,623 L.F.
- 49) Item 9330017 16' Access/ Horse Gate (Per Dtl. A on Sheet CD1) – revise quantity to 4 Each.

2) SPECIAL PROVISIONS:

- a. Item 9300028 Miscellaneous Work, Rock Stain (SP-180)- 1. Description is revised to the following:

Work under this item shall include applying a simulated desert varnish stain to the surface of excavated rocks used for riprap, desert cobble, boulders, salvaged concrete debris or other rock like materials at the direction of the Engineer. An example of the proposed desert varnish finish can be seen on the gabion structure at the confluence of Mission View Wash at the Santa Cruz River (South of 29th Street and Santa Cruz Lane).

3) QUESTIONS/CLARIFICATION:

- 1) Q) How was the SBE of 10% determined?

A) *SBE percentage goals are calculated based on the subcontracting areas identified in a project and the number of SBE certified subcontractors available in those trades. Pima County removes the largest trade identified and reserves that trade for the prime contractor. For this project, the trades considered for the SBE goal were landscaping, paving and excavation which together represented 31.68% of the project. The number of subcontractors in these respective trades was 3, 9 and 8 for a total of 20. The calculation formula for SBE percentage based on the percentage of considered subcontracting areas, number of subcontractors available in these areas, and the actual engineer's estimate yielded an SBE percentage of 9.88% which was rounded to 10.00%. Please note that SBE utilization is not limited to these three subcontracting areas; bidders may use any certified SBE from the City of Tucson's Certified SBE Directory to meet the goal.*

- 2) Q) Will the CADD files be made available prior to bid opening?

A) *At this time the CADD files can not be made available on the Pima County Procurement Website due to technical difficulties.*

- 3) Q) Can cleared vegetation from the project site be ground and re-spread on the project? Or must it be hauled off.

A) *Section 201-3.01 Clearing and Grubbing second to last paragraph in the Special Provision states combustible material (i.e. trees and shrubs) free of invasive species may be reduced to chips of a maximum thickness of ½ inch and disposed of in areas between the slope lines and right-of-way lines as approved by the Engineer. Conditions and consideration that the Engineer will require include but not be limited to the following in order to secure approval: The site contains extensive invasive and noxious species and the contractor will have to demonstrate how these plants will not be included in the chipping operation; invasive and noxious species cleared from the site must be properly disposed of at a regulated and licensed landfill. The contractor will have to demonstrate that placement of the chips shall not interfere with any landscaping or seeding operation and does not contaminate any fills or trenches. The contractor will also need to address scheduling issue related to creation of the chips at the time of clearing and grubbing, and placement of chips on finished grades and slopes.*

- 4) Q) Can you please direct us to the location of bid item 6010200- Concrete Retaining Wall?

A) *The Wall was deleted during the a plans review, and therefore is not included in the final plans. Item 6010200- Concrete Retaining Wall will be deleted in the revised bid schedule as part of Addendum #2.*

5) Q) Storm Water Protection Plans refer to detail sheets ES3 – ES13. Where can these sheets be found? Special Provisions refer to Appendix G. Where can it be found?

A) *In the Special Provision under Appendix G is the Project SWPPP; a second set of appendix are located at the back of and associated with the Project SWPPP. ES3, ES5, ES8, ES9, ES11 and ES13 are located in the back of Project SWPPP in the second set of appendix labeled Appendix B.*

All other requirements and terms of the Solicitation remain unchanged. Respondents are required to certify receipt of this addendum in their Bid Proposal. Failure to do so may result in declaration of the bid as non-responsive.

All questions shall be addressed in writing to Anthony V. Schiavone, Commodity/Contracts Officer, email anthony.schiavone@pima.gov or fax number 520-724-4434. Please submit them no later than Thursday, June 23, 2016. Any questions submitted after the 23rd might not get a response.

/s/Anthony V. Schiavone

Anthony V. Schiavone – Commodity/Contracts Officer

Pima County Procurement Department
Solicitation No. 220377

PANTANO WASH BANK PROTECTION AND RIVER PARK PHASE III: TANQUE VERDE ROAD
TO FORT LOWELL PARK (5PWFLT)



EXHIBIT "A" – BID SCHEDULE REVISED 6/17/2016

Solicitation No. 220377 Pantano Wash Bank Protection and River Park Phase III: Tanque Verde Rd to Ft Lowell Park

BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
1090002	Fuel Adjustment	FA	25,000	\$1.00	\$25,000
2010001	Clearing and Grubbing	LS	1		
2010003	Clearing and Grubbing (Noxious and Invasive Species Control)	FA	65,000	\$1.00	\$65,000
2010004	Preservation Fencing (Orange Mesh)	LF	6,300		
2010005	Protection Fencing (Orange Pennant String)	LF	5,000		
2020001	Removal of Structures and Obstructions	LS	1		
2030307	Debris Excavation and Removal	FA	85,000	\$1.00	\$85,000
2030309	Debris Excavation and Removal (Waste Concrete Island)	LS	1		
2030401	Drainage Excavation	CY	116,280		
2030500	Overexcavation	CY	0	\$0.00	
2030901	Borrow (Soil Cement Aggregate)	CY	13,000		
2050005	Grading for Earthen Pathway (Per Sheet TR1)	SY	3,321		
3030003	Aggregate Base Course	CY	487		
4060003	Asphaltic Concrete (No. 3)	TON	2,752		
4060500	Bituminous Material Price Adjustment	FA	10,000	\$1.00	\$10,000
5011022	Pipe, Reinforced Concrete, Class II, 24"	LF	100		
5011032	Pipe, Reinforced Concrete, Class II, 30"	LF	291		
5011052	Pipe, Reinforced Concrete, Class II, 48"	LF	142		
5030070	Concrete Pipe Collar	EACH	5		
5030025	Catch Basin, PC/COT Std. Dtl. 310 (Type 3, L=16')	EACH	1		
5030033	Catch Basin, PC/COT Std. Dtl. 309 (Type 4, Off Road)(EF-1 Grate)	EACH	2		
5150001	Utility Impacts	FA	10,000	\$1.00	\$10,000
5150005	Utility Potholing, Depth <12'	EACH	5		
5150007	Utility Potholing, Depth ≥12'	EACH	5		
6010101	Box Culvert 1 (Single Cell 6' x 5')(Per Detail on Sheet DD1)	LS	1		
6010102	Box Culvert 2 (Double Cell 10' x 4')(Per Detail on Sheet DD4)	LS	1		
6010720	Concrete Cutoff Wall (Mod. ADOT C-19.10 Per Dtl. A, Sheet DD12)	LF	62		
6010730	Concrete Apron (Per Std. Dtl. 206)	EACH	1		
6016087	Concrete Headwall (per PC/COT Std. Dtl. 313)	EACH	1		
6047000	Prefabricated Steel Truss Pedestrian Bridge	LS	1		
6080001	Traffic Control / Warning Sign - Multi-Use Path (Contractor Provided)	EACH	19		
6080002	Traffic Control / Warning Sign - Drives and Parking Lot (Contractor Provided)	EACH	2		
6080003	Regulatory Sign - HC Parking / Van Accessible Sign (Contractor Provided)	EACH	2		
6080004	Interpretive Sign Pedestal (Contractor Provided)	EACH	5		
6080005	Composite Trail Marker (Contractor Provided)	EACH	21		
6080153	Park Rules Sign (Agency Provided)	EACH	4		
6080154	The "Loop" Information Sign (Agency Provided)	EACH	7		
6080156	Temporary Project Information Sign	EACH	2		
6090006	Drilled Caissons (2'-6" Dia.)	LF	80		

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Company Name _____ Initials _____

EXHIBIT "A" – BID SCHEDULE REVISED 6/17/2016 CON'T

BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
7010005	Traffic Control	LS	1		
7080001	Pavement Marking Painted	LF	29,975		
7080010	Painted Pavement Symbol or Legend (Disabled Markings)	EACH	2		
8020020	Water Harvesting Basin w / Scattered Rock (Detail 5, Sheet L20)	SF	20,050		
8030020	Decomposed Granite (Landscape / Dust Control Surfacing)	SY	2,170		
8030024	Decomposed Granite for Pathway and Equestrian Parking Area Construction	SY	11,218		
8030072	Decorative Boulders Size Varies (2'X3'X2' to 3'X4'X3')(Contractor to Salvage from Site & Relocate)(per Dtl. 6, Sheet L20)	EACH	86		
8030077	Habitat Rubble Fills (Detail 7, Sheet L20)	EACH	6		
8050004	Seeding (Type II)(Mix #1)(1st Application)	ACRE	14.6		
8050005	Seeding (Type II)(Mix #1)(2nd Application)	ACRE	14.6		
8050006	Seeding (Type II)(Mix #2)(1st Application)	ACRE	0.9		
8050007	Seeding (Type II)(Mix #2)(2nd Application)	ACRE	0.9		
8061001	Tree (15 Gallon) (Agency Provided)	EACH	281		
8061002	Tree (15 Gallon) (Contractor Provided)	EACH	60		
8061006	Tree (Large Treepot) (Agency Provided)	EACH	69		
8061007	Tree (Small Treepot) (Agency Provided)	EACH	277		
8061009	Tree (24" Box) (Contractor Provided)	EACH	22		
8061090	Tree Staking	EACH	70		
8061293	Shrub (3 Gallon) (Agency Provided)	EACH	865		
8061294	Shrub (3 Gallon) (Contractor Provided)	EACH	95		
8061295	Shrub (1 Gallon) (Agency Provided)	EACH	397		
8061296	Shrub (1 Gallon) (Contractor Provided)	EACH	149		
8061607	Saguaro Cactus (3' to 5' Tall)(Agency Provided)	EACH	30		
8061615	Cactus or Accent Plant (3 gal.)(Agency Provided)	EACH	240		
8061700	Landscape Pruning	HOURL	100		
8061701	Brow ser Cages (New)(Detail 3, Sheet L20)	EACH	1,393		
8061702	Brow ser Cages (Recycled)(Detail 3, Sheet L20)	EACH	800		
8070001	Landscaping Establishment (365 days)	LS	1		
8080001	Reclaimed Water Meter (2" Size)	EACH	1		
8080003	Irrigation Control System	LS	1		
8080004	Irrigation Mainline and Appurtenances	LS	1		
8080005	Irrigation Laterals Lines and Applicators	LS	1		
8080011	Miscellaneous Landscape and Irrigation Work	FA	25,000	\$1.00	\$25,000.00
8080050	Dri-Water System	EACH	270		
8100001	AZPDES/NPDES (Original)	LS	1		
8100005	Sediment Log (Discretionary)	LF	100		
8100006	Sediment Wattle (Discretionary)	LF	400		
8100011	AZPDES/NPDES (Modified)	FA	10,000	\$1.00	\$10,000
9010001	Mobilization	LS	1		
9020007	Chain Link Fence (72")(per NRPR Std. Dtl. 600 & 601)	LF	220		
9020008	Chain Link Fence (Breakaway)(per Dtl. A, Sheet DD12)	LF	20		

EXHIBIT "A" – BID SCHEDULE REVISED 6/17/2016 CON'T

BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
9020241	Chain Link Double Swing Gate (18 ft.)	EACH	1		
9020500	Temporary Chain Link Fence	LF	5,000		
9050001	Guard Rail, W-Beam, Single Face	LF	32		
9080005	Concrete Curb, (PC/COT Std. Dtl. 209) (Type 2)	LF	2,403		
9080086	Concrete Wheel Stop	EACH	3		
9080090	Concrete Curb Terminal Section (PC/COT Std. 212)	EACH	7		
9080201	Concrete Paving, Walkways and Plazas	SF	6,621		
9080226	Concrete Sidewalk Scupper, Type 3 (Per Std. Dtl 205.5)	EACH	1		
9080280	Curb Access Ramp, PC/COT Std. Dtl. 207	EACH	4		
9080287	Curb Access Ramp (Special)(Handicap Accessible)	EACH	2		
9080402	Concrete Header, PC/COT Std. Dtl. 213	LF	273		
9080513	Scupper #1 (Per Detail on Sheet DD7)	LS	1		
9080514	Scupper #2 (Per Detail on Sheet DD8)	LS	1		
9080515	Scupper #3 (Per Detail on Sheet DD9)	LS	1		
9080516	Scupper #4 (Per Detail on Sheet DD10)	LS	1		
9080517	Scupper #5 (Per Detail on Sheet DD11)	LS	1		
9130008	Riprap (Handplaced)	CY	81		
9130009	Riprap (Handplaced Grouted)	CY	35		
9130055	Salvaged Scattered Rock	CY	75		
9140300	CMU Wall (12" x 8" x 16" Concrete Masonry Block w ith Smooth Stucco Finish) (Various Heights) (Detail 2, Sheet S1)	SF	136		
9140301	Adobe Seat Wall w ith Cast-In-Place Concrete Cap (16" x 16", 4" Rammed Earth Adobe Block) (Detail 1, Sheet S1)	LF	332		
9140302	Adobe Column w ith Precast Concrete Cap (2' x 2' Sq., 4" Rammed Earth Adobe Block) - 6' Tall (Detail 3, Sheet S1)	EACH	2		
9140303	Adobe Column w ith Precast Concrete Cap (2' x 2' Sq., 4" Rammed Earth Adobe Block) - 4' Tall (Detail 3, Sheet S1)	EACH	2		
9140304	Adobe Column w ith Precast Concrete Cap (2' x 2' Sq., 4" Rammed Earth Adobe Block) - 2' Tall (Detail 3, Sheet S1)	EACH	2		
9140305	Adobe Block Column Seat (16" x 16", 4" Rammed Earth Adobe Block) (Detail 3, Sheet S1)	EACH	30		
9140306	Staging Area Entry Sign (Details 4 and 5, Sheet S2)	EACH	2		
9200401	Soil Cement Bank Protection	CY	61,068		
9200402	Soil Cement Trimming	LS	1		
9200451	Cementitious Material for Soil Cement (8%)	TON	8,903		
9250001	Construction Surveying and Layout	LS	1		
9250110	Survey, Additional Staking and Layout	FA	10,000	\$1.00	\$10,000
9320001	Precast Concrete Pavers (8"x4"x16" Slump Block - Solid)	SF	740		



EXHIBIT "A" – BID SCHEDULE REVISED 6/17/2016 CON'T

BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL AMOUNT
9260001	Engineer's Field Office	LS	1		
9300001	Incidental Items	FA	150,000	\$1.00	\$150,000
9300028	Rock Staining	SY	100		
9300030	Misc. Work - Equestrian Mounting Block (Per Dtl. 6, Sheet S2)	EACH	1		
9300031	Misc. Work - Raptor Perch (Per Dtl. 4, Sheet L21)	EACH	2		
9320001	Precast Concrete Pavers (8"x4"x16" Slump Block - Solid)	SF	740		
9330001	Barricade Railing (PC/COT Std. Dtl. 105)	LF	9,217		
9330004	Refurbish Existing Handrail	LF	1,300		
9330005	Post and Cable Fencing	LF	14,623		
9330017	16' Access / Horse Gate (Per Dtl. A on Sheet CD1)	EACH	4		
9330109	Park Entry Gate (NRPR Std. Dtl. P-500)	EACH	2		
9340011	Post Barricades (Type B) (PC/COT Std. Dtl. 106)	EACH	4		
9340012	Removable Post Barricade (PC/COT Std. Dtl. 107A)	EACH	8		
TOTAL BID:					

SIGNATURE: _____ DATE: _____

PRINTED NAME & TITLE: _____

FIRM NAME: _____