TUCSON AIRPORT AUTHORITY
TUCSON INTERNATIONAL AIRPORT • RYAN AIRFIELD

NOTICE TO ALL BIDDERS

ADDENDUM NO. 2
TO
TUCSON AIRPORT AUTHORITY

TUCSON INTERNATIONAL AIRPORT

10123529 ALVERNON WAY/AERONAUTICAL PARKWAY CONSTRUCTION

May 17, 2024

In accordance with the Bid Documents, Bidders on the above-referenced project are hereby notified that the following Addendum, dated May 17, 2024, shall be made a part of the Bid Documents. The Bidder shall acknowledge receipt of this addendum on the Bid Form.

BID SCHEDULE

The bid schedule has been revised in its entirety. The Bidders shall use the BID SCHEDULE attached to this Addendum No. 2.

SPECIAL PROVISIONS

ITEM T-901 SEEDING

Attached ITEM T-901 SEEDING Special Provision shall be added to the contract and is attached herein.

PLANS

AERONAUTICAL WAY IMPROVEMENTS - PLAN SET 1

Sheet 7 of 30: Curb Table to be updated as follows:

Begin	End	Plan#	Conc Curb PAG 209 (Type 1)
258+11	258+33	3	69
Sheet Total			69

Sheet 14 of 30:

Construction Note 7 shall be revised to reference PAG STD DET 209, Type I

7250 S. Tucson Blvd, Suite 300, Tucson, Arizona 85756 TEL 520-573-8100 FAX 520-573-8008 www.flytucson.com

RESPONSES TO QUESTIONS

1. Question: Section 406-4.03 AC Safety Edge states that the unit of measurement for the AC safety edge shall be the number of square yards, but, 406-5 (406.03 AC Safety Edge) indicates per Linear Foot, LF. Please advise.

Answer: AC Safety Edge is measured and paid for by the Linear Foot.

2. Question: Section 501-4.01 36" CMP states that the unit of measurement for installation will be at the contract unit price per linear foot but, 501-5 (501.01 36" CMP Culvert) indicates per Each, EA. Please advise.

Answer: 36" CMP Culvert is measured and paid for by the Linear Foot.

3. Question: Section 501-4.03 24" RGRCP states that the unit of measurement for installation will be at the contract unit price per linear foot but, 501-5 (501.03 24" RGRCP) indicates per Each, EA. Please advise.

Answer: 24" CLASS V RGRCP Culvert is measured and paid for by the Linear Foot.

4. Question: Section 501-4.01 36" CMP states that the unit of measurement for installation will be at the contract unit price per linear foot but, 501-5 (501.01 36" CMP Culvert) indicates per Each, EA. Please advise.

Answer: See answer 2.

5. Question: Section 732-4.01 PVC Conduit, 2" states that the unit of measurement shall be measured by the linear foot but, 732-5 (732.01 PVC Conduit, 2" SCH 40) indicates per Each, EA. Please advise.

Answer: PVC Conduit, 2" Sch 40 is measured and paid for by the Linear Foot.

6. Question: Section 732-4.02 PVC Conduit, 1" states that the unit of measurement shall be measured by the linear foot but, 732-5 (732.02 PVC Conduit, 1" SCH 40) indicates per Lump Sum, LS. Please advise.

Answer: PVC Conduit, 1" Sch 40 is measured and paid for by the Linear Foot.

7. Question: Plan sheet 14 of 30 in Plan set 1, note 7 calls for Conc Single Curb PAG STD Det 222, Type 1. This standard is not in the PAG Standard details. Please advise.

Answer: It is PAG STD DET 209 Type 1

8. Question: Base bid #2 – Item 19 Pavement Section 2 (3" surface AC / 4" base course AC / 6" AB)

Typical pavement section 2 on sheet 5/20 calls for 8" ABC

Which is it?

Answer: The City of Tucson approved the 7" AC on 8" ABC. The Bid Schedule Item Description will need to be changed.

Base bid #2 – Item 15 Borrow 2,258 CY

According to the earthwork summary on sheet 3/20 plan set #2 is an export, not a borrow

Answer: Correct. Plan set two will provide dirt available for plan set one, with a net Borrow (in-place) of 2,710 cy. On Bid schedule 2, the borrow item will be removed (or the quantity revised to zero). On Bid Schedule one, the borrow quantity will be revised to 3,124 cy to also account for a 10% shrink factor applied to the excavation. This borrow quantity is considered the in-place volume for measurement for payment purposes. There will not be any additional payment for the haul of material between the two projects.

9. Question: Pavement Structural Section No. 1 PAG 2; Is it High Volume or Low Volume? Is RAP acceptable?

Answer: PSS #1 is considered to be low volume. RAP is acceptable where noted in PAG Specifications Section 406.

10. Question: Pavement Structural Section No. 2 PAG 2 Terminal; Is this 76-22TR+? Is it High Volume or Low Volume?

Answer: Binder shall be as noted in PAG Specifications Section 406-2.02. PSS #2 is considered to be high volume.

11. Question: Missing SWPPP pay item

Answer: Will add item to Bid Schedule.

12. Question: Need specification / seed mix required for hydroseeding

Answer: Will provide specification with Addendum No. 2 and add item to bid schedule.

13. Question: Is TAA requiring 5 years airfield experience for his project?

Answer: No

ITEM T-901 SEEDING

DESCRIPTION

901-1.1 This item shall consist of soil preparation, seeding and fertilizing the areas shown on the plans or as directed by the Engineer in accordance with these specifications. Seed application shall be done such that when applied, the seeded area is conspicuous with the use of color in the seed mix (e.g. green).

MATERIALS

901-2.1 SEED The species and application rates of grass, legume, and cover-crop seed furnished shall be those stipulated herein. Seed shall conform to the requirements of Fed. Specification JJJ-S-181.

Seed shall be furnished separately or in mixtures in standard containers labeled in conformance with the Agricultural Marketing Service Seed Act and applicable state seed laws with the seed name, lot number, net weight, percentages of purity and of germination and hard seed, and percentage of maximum weed seed content clearly marked for each kind of seed. The Contractor shall furnish the Engineer duplicate signed copies of a statement by the vendor certifying that each lot of seed has been tested by a recognized laboratory for seed testing within 6 months of date of delivery. This statement shall include: name and address of laboratory, date of test, lot number for each kind of seed, and the results of tests as to name, percentages of purity and of germination, and percentage of weed content for each kind of seed furnished, and, in case of a mixture, the proportions of each kind of seed. Wet, moldy, or otherwise damaged seed will be rejected.

Seeds shall be applied as follows:

Seed Properties and Rate of Application

Botanical Name	Common Name	Rate of Application lb/acre
Ambrosia Deltoidea	Triangle-lead Bursage	1.5
Aristida purpurea	Purple Threeawn	3
Bouteloua curtipendula cv. Vaughn	Sideoats Grama	1
Bouteloua barbata	Six-weeks Grama	1
Bothriochloa barbinodis	Cane Beardgrass	1
Bouteloua rothrockii	Rothrock's Grama	1
Distichlis stricta	Desert Saltgrass	1.5
Eschscholzia Mexicana	Mexican Poppy	1.5
Heteropogon contortus	Tanglehead	0.2
Lesquerella gordonii	Gordon's Bladderpod	1.5
Lupinus Succulentus	Arroyo Lupine	5
Penstemon parryi	Parry Penstemon	1
Salvia Columbariae	Desert Chia	1
Senna covesii	Desert Senna	2
Sphaeralcea ambigua	Desert Globemallow	1

Seeding shall be performed during the period conducive for growth when considering local climate and soil conditions.

901-2.2 LIME. Lime shall be ground limestone containing not less than 85% of total carbonates, and shall be ground to such fineness that 90% will pass through a No. 20 mesh sieve and 50% will pass through a No. 100 mesh sieve. Coarser material will be acceptable, providing the rates of application are increased to provide not less than the minimum quantities and depth specified in the special provisions on the basis of the two sieve requirements above. Dolomitic lime or a high magnesium lime shall contain at least 10% of magnesium oxide. Lime shall be applied at the rate suggested by the contractor's seeding supplier based on testing insitu soils. All liming materials shall conform to the requirements of ASTM C 602.

901-2.3 FERTILIZER. Fertilizer shall be standard commercial fertilizers supplied separately or in mixtures containing the percentages of total nitrogen, available phosphoric acid, and water-soluble potash. They shall be applied at the rate and to the depth specified herein, and shall meet the requirements of Fed. Spec. A-A-1909 and applicable state laws. They shall be furnished in standard containers with name, weight, and guaranteed analysis of contents clearly marked thereon. No cyanamide compounds or hydrated lime shall be permitted in mixed fertilizers.

The fertilizers may be supplied in one of the following forms:

a. A dry, free-flowing fertilizer suitable for application by a common fertilizer spreader;

b. A finely-ground fertilizer soluble in water, suitable for application by power sprayers; or

c. A granular or pellet form suitable for application by blower equipment.

Fertilizers shall be 13-13-13 commercial fertilizer and shall be spread at the rate of 250 pounds per acre, unless otherwise modified by the contractor's supplier, based on seed mix, region, and climate.

901-2.4 SOIL FOR REPAIRS. The soil for fill and topsoiling of areas to be repaired shall be at least of equal quality to that which exists in areas adjacent to the area to be repaired. The soil shall be relatively free from large stones, roots, stumps, or other materials that will interfere with subsequent sowing of seed, compacting, and establishing turf, and shall be approved by the Engineer before being placed.

CONSTRUCTION METHODS

901-3.1 ADVANCE PREPARATION AND CLEANUP. After grading of areas has been completed and before applying fertilizer and ground limestone, areas to be seeded shall be raked or otherwise cleared of stones larger than 2 inches (50 mm) in any diameter, sticks, stumps, and other debris that might interfere with sowing of seed, growth of grasses, or subsequent maintenance of grass-covered areas. If any damage by erosion or other causes has occurred after the completion of grading and before beginning the application of fertilizer and ground limestone, the Contractor shall repair such damage. This may include filling gullies, smoothing irregularities, and repairing other incidental damage.

An area to be seeded shall be considered a satisfactory seedbed without additional treatment if it has recently been thoroughly loosened and worked to a depth of not less than 5 inches as a result of grading operations and, if immediately prior to seeding, the top 3 inches of soil is loose, friable, reasonably free from large clods, rocks, large roots, or other undesirable matter, and if shaped to the required grade.

However, when the area to be seeded is sparsely sodded, weedy, barren and unworked, or packed and hard, any grass and weeds shall first be cut or otherwise satisfactorily disposed of, and the soil then scarified or otherwise loosened to a depth not less than 5 inches. Clods shall be broken and the top 3 inches of soil shall be worked into a satisfactory seedbed by discing, or by use of cultipackers, rollers, drags, harrows, or other appropriate means.

901-3.2 DRY APPLICATION METHOD.

a. Liming. Lime shall be applied separately and prior to the application of any fertilizer or seed and only on seedbeds that have previously been prepared as described above. The lime shall then be worked into the top 3 inches of soil after which the seedbed shall again be properly graded and dressed to a smooth finish.

b. Fertilizing. Following advance preparations and cleanup fertilizer shall be uniformly spread at the rate that will provide not less than the minimum quantity stated in paragraph 901-2.3.

c. Seeding. Grass seed shall be sown at the rate specified in paragraph 901-2.1 immediately after fertilizing, and the fertilizer and seed shall be raked within the depth range stated in the special provisions. Seeds of legumes, either alone or in mixtures, shall be inoculated before mixing or sowing, in accordance with the instructions of the manufacturer of the inoculant. When seeding is required at other than the seasons shown on the plans or in the special provisions, a cover crop shall be sown by the same methods required for grass and legume seeding.

d. Rolling. After the seed has been properly covered, the seedbed shall be immediately compacted by means of an approved lawnroller, weighing 40 to 65 pounds per foot of width for clay soil (or any soil having a tendency to pack), and weighing 150 to 200 pounds per foot of width for sandy or light soils.

901-3.3 WET APPLICATION METHOD.

a. General. The Contractor may elect to apply seed and fertilizer (and lime, if required) by spraying them on the previously prepared seedbed in the form of an aqueous mixture and by using the methods and equipment described herein. The rates of application shall be as specified in the special provisions.

b. Spraying Equipment. The spraying equipment shall have a container or water tank equipped with a liquid level gauge calibrated to read in increments not larger than 50 gallons over the entire range of the tank capacity, mounted so as to be visible to the nozzle operator. The container or tank shall also be equipped with a mechanical power-driven agitator capable of keeping all the solids in the mixture in complete suspension at all times until used.

The unit shall also be equipped with a pressure pump capable of delivering 100 gallons per minute at a pressure of 100 pounds per square inch. The pump shall be mounted in a line that will recirculate the mixture through the tank whenever it is not being sprayed from the nozzle. All pump passages and pipe lines shall be capable of providing clearance for 5/8 inch solids. The power unit for the pump and agitator shall have controls mounted so as to be accessible to the nozzle operator. There shall be an indicating pressure gauge connected and mounted immediately at the back of the nozzle.

The nozzle pipe shall be mounted on an elevated supporting stand in such a manner that it can be rotated through 360 degrees horizontally and inclined vertically from at least 20 degrees below to at least 60 degrees above the horizontal. There shall be a quick-acting, three-way control valve connecting the recirculating line to the nozzle pipe and mounted so that the nozzle operator can control and regulate the amount of flow of mixture delivered to the nozzle. At least three different types of nozzles shall be supplied so that mixtures may be properly sprayed over distance varying from 20 to 100 feet. One shall be a close-range ribbon nozzle, one a medium-range ribbon nozzle, and one a long-range jet nozzle. For case of removal and cleaning, all nozzles shall be connected to the nozzle pipe by means of quick-release couplings.

In order to reach areas inaccessible to the regular equipment, an extension hose at least 50 feet in length shall be provided to which the nozzles may be connected.

c. Mixtures. Lime, if required, shall be applied separately, in the quantity specified, prior to the fertilizing and seeding operations. Not more than 220 pounds of lime shall be added to and mixed with each 100 gallons of water. Seed and fertilizer shall be mixed together in the relative proportions specified, but not more than a total of 220 pounds of these combined solids shall be added to and mixed with each 100 gallons of water.

All water used shall be obtained from fresh water sources and shall be free from injurious chemicals and other toxic substances harmful to plant life. Brackish water shall not be used at any time. The Contractor shall identify to the

Engineer all sources of water at least 2 weeks prior to use. The Engineer may take samples of the water at the source or from the tank at any time and have a laboratory test the samples for chemical and saline content. The Contractor shall not use any water from any source that is disapproved by the Engineer following such tests.

All mixtures shall be constantly agitated from the time they are mixed until they are finally applied to the seedbed. All such mixtures shall be used within 2 hours from the time they were mixed or they shall be wasted and disposed of at approved locations.

d. Spraying. Lime, if required, shall be sprayed only upon previously prepared seedbeds. After the applied lime mixture has dried, the lime shall be worked into the top 3 inches, after which the seedbed shall again be properly graded and dressed to a smooth finish.

Mixtures of seed and fertilizer shall only be sprayed upon previously prepared seedbeds on which the lime, if required, shall already have been worked in. The mixtures shall be applied by means of a high-pressure spray that shall always be directed upward into the air so that the mixtures will fall to the ground like rain in a uniform spray. Nozzles or sprays shall never be directed toward the ground in such a manner as might produce erosion or runoff.

Particular care shall be exercised to insure that the application is made uniformly and at the prescribed rate and to guard against misses and overlapped areas. Proper predetermined quantities of the mixture in accordance with specifications shall be used to cover specified sections of known area. Checks on the rate and uniformity of application may be made by observing the degree of wetting of the ground or by distributing test sheets of paper or pans over the area at intervals and observing the quantity of material deposited thereon.

On surfaces that are to be mulched as indicated by the plans or designated by the Engineer, seed and fertilizer applied by the spray method need not be raked into the soil or rolled. However, on surfaces on which mulch is not to be used, the raking and rolling operations will be required after the soil has dried.

901-3.4 MAINTENANCE OF SEEDED AREAS. The Contractor shall protect seeded areas against traffic or other use by warning signs or barricades, as approved by the Engineer. Surfaces gullied or otherwise damaged following seeding shall be repaired by regrading and reseeding as directed. The Contractor shall mow, water as directed, and otherwise maintain seeded areas in a satisfactory condition until final inspection and acceptance of the work.

When either the dry or wet application method outlined above is used for work done out of season, it will be required that the Contractor establish a good stand of grass of uniform color and density to the satisfaction of the Engineer. A grass stand shall be considered adequate when bare spots are one square foot or less, randomly dispersed, and do not exceed 3% of the area seeded. If at the time when the contract has been otherwise completed it is not possible to make an adequate determination of the color, density, and uniformity of such stand of grass, payment for the unaccepted portions of the areas seeded out of season will be withheld until such time as these requirements have been met.

METHOD OF MEASUREMENT

901-4.1 The quantity of seeding to be paid for shall be the number of acres measured on the ground surface, completed and accepted. Areas not designated on the plans for seeding, but are otherwise disturbed by the contractor's equipment (e.g. haul routes, access points, etc.)shall receive seeding at the direction of the Engineer and will be incidental to the project (i.e. will not be measured for payment).

BASIS OF PAYMENT

901-5.1 Payment will be made at the contract unit price per acre or fraction thereof, which price and payment shall be full compensation for furnishing and placing all material and for all labor, equipment, tools, and incidentals necessary to complete the work prescribed in this item.

Payment will be made under:

Item 901.51	Seeding—per acre

MATERIAL REQUIREMENTS

ASTM C 602	Agricultural Liming Materials
ASTM D 977	Emulsified Asphalt
FED SPEC A-A-1909	Fertilizer
FED SPEC A-A-2671	Seeds, Agriculture

END OF ITEM T-901

TUCSON AIRPORT AUTHORITY

DIBBLE

PROJECT PENNY AERONAUTICAL WAY IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #1 & ADDITIVE ALTERNATE #1)

Addendum No. 2

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
CIVIL						
1	105.01	Construction Survey & Layout	LS	1		
2	107.01	Construction Permit Requirements	LS	1		
3	107.02	Joint Trench Vertical Realignment	LF	30		
4	107.2	Storm Water Pollution & Prevention Plan	LS	1		
5	201.01	Clearing & Grubbing	AC	4.50		
6	202.01	Sawcut Asphaltic Concrete Pavement (Full Depth)	LF	525		
7	202.02	Remove Asphaltic Concrete Pavement	SY	891		
8	202.03	Obliterate Existing Roadway	SY	588		
9	202.04	Remove Header Curb	LF	273		
10	202.07	Remove Double Swing Gate	EA	1		
11	202.10	Remove Chain Link Fence, Salvage Chain Link Mesh	LF	1,306		
12	202.11	Reset Water Valve Box & Cover to Grade with Concrete Apron (MAG Std Det 391-1, Type A)	EA	1		
13	202.12	Reset Gas Valve Box & Cover to Grade with Concrete Apron (MAG Std Det 391-1, Type A)	EA	1		
14	202.13	Relocate Communication Pullbox	EA	1		
15	202.14	Reset Communication Pullbox to Grade	EA	5		
16	202.15	Remove Sign Panel, Post, and Foundation	EA	2		
17	203.01	Roadway Excavation	CY	663		
18	203.02	Borrow	CY	4,968		
19	203.03	Grade Earthen Access Road (18' Wide)	SY	4,800		

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PROJECT PENNY AERONAUTICAL WAY IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #1 & ADDITIVE ALTERNATE #1)

Addendum No. 2

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
20	406.01	Pavement Section No 1 (3" AC / 6" AB)	SY	5,507		
21	406.03	AC Safety Edge	LF	275		
22	501.01	36" CMP Culvert	LF	346		
23	501.02	36" CMP End Section of Pipe	EA	4		
24	503.01	Concrete Scupper (16' Width, PAG Std Det 205.5, Type 3)	EA	1		
25	503.02	Concrete Scupper (12' Width, PAG Std Det 205.5, Type 3)	EA	1		
26	607.01	Perforated Sign Post	EA	2		
27	607.02	Sign Post Foundation	EA	2		
28	608.01	Traffic Sign Panel	SF	23		
29	701.01	Traffic Control	LS	1		
30	701.02	Pima County Off-Duty Sheriff Deputy (Allowance)	ALLOW	1	$ 2,500.00	$ 2,500.00
31	701.03	Changeable Message Sign	EA	1		
32	701.04	Notification Signage	EA	2		
33	701.05	Obliterate Pavement Markings	LS	1		
34	704.01	Thermoplastic Traffic Paint, White, 90 Mil	LF	3,000		
35	704.02	Thermoplastic Traffic Paint, Yellow, 90 Mil	LF	2,000		
36	706.01	Raised Pavement Marker, Type D	EA	160		
37	708.01	Reflectorized Traffic Paint, White, 15 Mil	LF	3,000		
38	708.02	Reflectorized Traffic Paint, Yellow, 15 Mil	LF	2,000		

TUCSON AIRPORT AUTHORITY

DIBBLE

PROJECT PENNY AERONAUTICAL WAY IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #1 & ADDITIVE ALTERNATE #1)

Addendum No. 2

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
39	803.01	Decomposed Granite (1-1/4" Minus, Color TBD)	SF	314		
40	901.01	Mobilization / Demobilization	LS	1		
41	901.51	Seeding	AC	2		
42	902.01	New Chain Link Fence (ADOT Std Det C-12.20, Type 2)	LF	470		
43	902.02	New AOA Chain Link Fence with 3-Strand Barbed Wire with Wildlife Deterrent Barrier (FFA AC 10H Std Spec 162)	LF	433		
44	902.03	Salvaged Chain Link Fence with 3-Strand Barbed Wire	LF	1,218		
45	908.01	Concrete Vertical Curb & Gutter (PAG Std Det 209, Type I(G))	LF	2,479		
46	908.03	Concrete Single Curb (PAG Std Det 222 Type I)	LF	69		
47	913.01	Riprap (D50 = 4", 12" Depth)	CY	6		
48	913.02	Riprap (D50 = 6", 12" Depth)	CY	37		
49	913.03	Wire Tied Riprap (D50 = 6", 12" Depth)	CY	78		
50	933.01	Safety Rail (PAG Std Det 105)	LF	42		
			Civil Sub-total			
ELECTRICAL						
51	260519-5.1	3 - #6, #6 Ground	LF	1,695		
52	260519-5.2	Splice Electrical Conductors into Existing Street Lighting Circuit at Existing Pullbox	EA	1		
53	260519-5.3	2-#10, #10 Ground	LF	75		
54	260533-5.1	Install New No. 3.5 Electrical Pull Box	EA	8		
55	260533-5.2	Single-way (1) - 2" Conduit, Direct Buried	LF	1,600		
57	260533-5.4	Single-way (1) - 1" Conduit, Direct Buried	LF	60		

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DIBBLE

PROJECT PENNY AERONAUTICAL WAY IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #1 & ADDITIVE ALTERNATE #1)

Addendum No. 2

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
58	265613-5.1	Install New Light Fixture on New 30 Foot Light Pole with New Concrete Ba	EA	8		
				Electrical Sub-total		
				Base Bid #1 Total		
ADDITIVE ALTERNATE #1						
59		Replace Existing GE Decashield 250W HID Fixture with New Visionaire PGS-3 Fixture on Existing Poles	EA	12		
				Electrical Additive Alternate #1 Sub-total		
				Contract Sum Total (Base Bid #1 + Add Alt)		

TUCSON AIRPORT AUTHORITY

PROJECT PENNY
ALVERNON WAY/AERONAUTICAL WAY INTERSECTION IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #2)

Addendum No. 2

DIBBLE

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
CIVIL						
1	105.01	Construction Survey & Layout	LS	1		
2	107.01	Construction Permit Requirements	LS	1		
3	201.01	Clearing & Grubbing	AC	3.70		
4	201.02	Remove and Salvage Cacti	EA	36.00		
5	201.02	Remove and Salvage Cacti	EA	36		
6	201.03	Remove & Salvage Decorative Rock	SY	128		
7	202.01	Sawcut Asphaltic Concrete Pavement (Full Depth)	LF	3,427		
8	202.02	Remove Asphaltic Concrete Pavement	SY	1,468		
9	202.05	Remove Wall	LF	30		
10	202.06	Remove BW Fence	LF	51		
11	202.07	Remove Double Swing Gate	EA	1		
12	202.08	Remove 24" CMP Culvert	LF	121		
13	202.09	Remove End Section of Pipe	EA	2		
14	202.15	Remove Sign Panel, Post, and Foundation	EA	6		
15	203.01	Roadway Excavation	CY	3,316		
16	203.02	Borrow	CY	2,258		
17	203.03	Grade Earthen Access Road (18' Wide)	SY	1,067		
18	404.01	Pavement Section No 3 (Slurry Seal Coat)	SY	5,563		
19	406.01	Pavement Section No 1 (3" AC / 6" AB)	SY	1,745		

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PROJECT PENNY
ALVERNON WAY/AERONAUTICAL WAY INTERSECTION IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #2)

Addendum No. 2

DIBBLE

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
20	406.02	Pavement Section No 2 (3" Surface AC / 4" Base Course AC / 8" AB)	SY	2,203		
21	406.03	AC Safety Edge	LF	2,714		
22	501.03	24" Class V RGRCP Culvert	LF	180		
23	501.04	24" RCP End Section (ADOT Std Det C-13.20)	EA	4		
24	607.01	Perforated Sign Post	EA	17		
25	607.02	Sign Post Foundation	EA	17		
26	608.01	Traffic Sign Panel	SF	172		
27	701.01	Traffic Control	LS	1		
28	701.02	Pima County Off-Duty Sheriff Deputy (Allowance)	ALLOW	1	$ 2,500.00	$ 2,500.00
29	701.03	Changeable Message Sign	EA	1		
30	701.04	Notification Signage	EA	2		
31	701.05	Obliterate Pavement Markings	LS	1		
32	704.01	Thermoplastic Traffic Paint, White, 90 Mil	LF	7,000		
33	704.02	Thermoplastic Traffic Paint, Yellow, 90 Mil	LF	8,000		
34	705.01	Preformed Pavement Marking, Symbol	EA	8		
35	705.02	Preformed Pavement Marking, Legend	EA	4		
36	706.01	Raised Pavement Marker, Type D	EA	180		
37	706.02	Raised Pavement Marker, Type G	EA	25		
38	708.01	Reflectorized Traffic Paint, White, 15 Mil	LF	7,000		

TUCSON AIRPORT AUTHORITY

PROJECT PENNY
ALVERNON WAY/AERONAUTICAL WAY INTERSECTION IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #2)

Addendum No. 2

DIBBLE

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
39	708.02	Reflectorized Traffic Paint, Yellow, 15 Mil	LF	8,000		
40	731.01	Street Light Pole, Type 1, 20' Type B Span (PAG Std Det T 444 & ADOT Std Det T.S. 5-1)	EA	2		
41	731.02	Street Light Pole Foundation (PAG Std Det T 444)	EA	2		
42	732.01	PVC Conduit, 2” Schedule 40	LF	240		
43	732.02	PVC Conduit, 1” Schedule 40	LF	20		
44	732.03	Pull Box, No. 3½	EA	3		
45	732.04	Street Lighting Conductors	LS	1		
46	732.05	Metered Service Pedestal with Foundation	EA	1		
47	732.06	Directional Bore, PVC Conduit, 2" Schedule 40	LF	100		
48	736.01	LED Luminaire	EA	2		
49	901.01	Mobilization / Demobilization	LS	1		
50	901.51	Seeding	AC	2		
51	902.01	New Chain Link Fence (ADOT Std Det C-12.20, Type 2)	LF	93		
52	902.03	Salvaged Chain Link Fence with 3-Strand Barbed Wire	LF	293		
53	903.01	BW Fence, 4-Wire (ADOT Std Det C-12.10 Type I)	LF	13		
54	908.01	Concrete Vertical Curb & Gutter (PAG Std Det 209, Type I(G))	LF	460		
55	908.02	Concrete Vertical Curb (PAG Std Det 209, Type 2)	LF	531		
56	908.04	Concrete Access Ramp (PAG Std Det 207)	SF	399		
57	913.02	Riprap (D50 = 6", 12" Depth)	CY	58		

TUCSON AIRPORT AUTHORITY

PROJECT PENNY
ALVERNON WAY/AERONAUTICAL WAY INTERSECTION IMPROVEMENTS

TAA PROJECT NO 10123529

BID SCHEDULE (BASE BID #2)

Addendum No. 2

DIBBLE

LINE NO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
58	913.03	Wire Tied Riprap (D50 = 6", 12" Depth)	CY	25		
59		Permit Fees (City of Tucson PIA)	ALLOW	1	$ 100,000.00	$ 100,000.00
				Contract Sum Total (Base Bid #2)		