City of San Antonio
Department of Capital Improvements Management Services
Department of Aviation

Project Name: Runway 3/21 Extension – New Exit Twy, Twy Repairs, and Perimeter Rd Reconstruction – Re-Bid at San Antonio International Airport

Project No. 33-00160

Date: February 8, 2013

Addendum No. 1

This addendum shall be included in, and be considered a part of the plans and specification for the above named project. The Contractor shall be required to sign an Acknowledgement of the receipt of this Addendum at the time he receives it. The Acknowledgement must also be submitted with the bid package.

Addendum No. 1 is issued to notify you of the revisions and/or corrections to the following items that were posted on the CoSA website and/or included in the hard copy of the bid packages.

I. Please note the following:

1. For the project advertisements, the correct address for obtaining all project bid documents at AECOM, including plans and specifications, is as follows:

   AECOM
   112 East Pecan Street, Suite 400
   San Antonio, TX 78205
   Phone (210) 296-2000

2. There will be an opportunity for contractors to attend a project site visit immediately after the Non-Mandatory Pre-Submittal conference on February 12, 2013. Contractors interested in attending the site visit are requested to bring their own safety vests for use during the site visit.

II. Remove the '020 Bid Form' in its entirety and replace with the attached '020 Bid Form', Addendum No. 1.

III. Remove the '025 Unit Pricing Form' in its entirety and replace with the attached '025 Unit Pricing Form', Addendum No. 1.

IV. Division A, 040 Standard Instructions To Respondent, remove Paragraph 12(b) and replace with the following:

"(b) Written questions and comments concerning this solicitation shall be sent to the consultant (***Mr. Tyson Duncan***, PE, AECOM, 5757 Woodway Dr, Suite 101 West, Houston, TX 77057, 713-267-3200, email address: ***Tyson.Duncan@aecom.com***) and a copy to the Planning and Development Division, Aviation Department, 457 Sandau Road, San Antonio, TX 78216 (Mr. Kao-Lin Chen, PE, 210-207-3506, email address: kaolin.chen@sanantonio.gov). These questions must be received no later than eleven (11) calendar days prior to submittal deadline."

V. Item P-620, Runway and Taxiway Painting:

1. Remove first paragraph in Section 620-2.3 and replace with the following:

620-2.3 REFLECTIVE MEDIA. Glass beads shall meet the requirements for Federal Specification. TT-B-1325D, ***Type IV***. Glass beads shall be treated with all compatible coupling agents recommended by the manufacturers of the paint and reflective media to ensure adhesion and embedment.

2. Remove Table 1 in Section 620-3.5, and replace with the following:

TABLE 1. APPLICATION RATES FOR PAINT AND GLASS BEADS

Paint Type	Paint Square feet per gallon, ft^2/gal. (Square meters per liter, m^2/l)	Glass Beads, Type I, Gradation A Pounds per gallon of paint—lb./gal. (Kilograms per liter of paint—kg/l)	Glass Beads, Type III Pounds per gallon of paint—lb./gal. (Kilograms per liter of paint—kg/l	Glass Beads, Type IV Pounds per gallon of paint—lb./gal. (Kilograms per liter of paint—kg/)l
Waterborne	**90 ft^2/gal. max (2.2 m^2/l)**	--	--	**8 lb./gal. min (1.0 kg/l)**

Note: The glass bead application rate for Red and Pink paint shall be reduced by 2 lb./gal. (0.24 kg/l) for Type I and Type IV beads. Type III beads shall not be applied to Red or Pink paint.

3. Update the following pay items in Section 620-5.1 as follows:

Item P-620-5.6 Preformed Thermoplastic SPHPS--***per square feet***

Item P-620-5.7 Preformed Thermoplastic RW Hold--***per square feet***

VI. Responses to contractor questions received as of February 5, 2013, are attached.

VII. Cover Sheet for plans, remove the AECOM Texas Registered Engineering Firm No. 'F-3082' and replace with 'F-3580'.

VIII. Sheet Z-004, General Notes.

A. Remove General Note 16 and replace with the following:

16. *Contractor is to provide a sweeper vacuum truck on project site for the duration of work. Contractor shall provide and maintain so that it is available for use as needed or upon request by Airport Operations, (no separate pay). If contractor fails to provide and use a sweeper vacuum truck as stipulated, any costs incurred by the Owner to perform the necessary clean- up work shall be borne by the contractor.*

B. Add the following notes:

Coordination Notes

10. *Any subcontractors working on this project shall be required to attend pre-work meetings (with the prime contractor and Owner's representative) prior to commencement of work by said subcontractor.*

Security Safety and Badges Notes

14. *Any contractor staff (including any subcontractors) assigned to the project who has a business related need to be present within the SIDA, Secured Area or Sterile Area for more than 14 days (consecutive or intermittently) must be processed for a SAT badge.*

IX. Sheet C-104, Construction Sequence 2, add the following note:

10. *Contractor shall provide a dedicated traffic person to coordinate with SAT Airport Operations in carrying out the requirements stipulated in Note No. 9 above. There shall be no separate payment made.*

X. Add the following attached plan sheets (34"x22"):

1. Sheet C-403A, Miscellaneous Taxiway Improvements
2. Sheet C-405, Pavement Joint Plan 2 (missing from IFB set)

XI. Sheet C-603, Pavement Marking Details, add the following General Note:

1. *All airside preformed thermoplastic markings shall be AirMark by Ennis-Flint, Inc, or Owner approved equal.*

STATE OF TEXAS
GUO-PIN FUAN
81466
REGISTERED
PROFESSIONAL ENGINEER

2/6/13

List of Attachments

1. Addendum Number One (1) Acknowledgement Form
2. '020 Bid Form'
3. '025 Unit Pricing Form'
4. Responses to contractor questions (received as of February 5, 2013).
5. Sheet C-403A, Miscellaneous Taxiway Improvements
6. Sheet C-405, Pavement Joint Plan 2 (missing from IFB set)

End of Addendum No. 1

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CITY OF SAN ANTONIO

RECEIPT OF ADDENDUM NUMBER **ONE (1)** IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF **RUNWAY 3/21 EXTENSION – NEW EXIT TAXIWAY, TAXIWAY REPAIRS, AND PERIMETER ROAD RECONSTRUCTION – RE-BID** FOR WHICH BIDS WILL BE OPENED ON **TUESDAY, FEBRUARY 26, 2013.**

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

_____
Signature

_____
Print Name/Title

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CITY OF SAN ANTONIO

Runway 3/21 Extension-New Exit Twy, Twy Repairs, and Perimeter Rd Reconstruction – Re-Bid
at San Antonio International Airport

Date Issued: February 8, 2013
ID NO.: 33-00160-01

020

BID FORM

The estimated construction budget for this contract, including Additive Alternate #1, is ***$7,765,000.00***.

I. BASE BID

Total Amount of Base Bid (Insert Amount in Words and Numbers):

_____**$**_____

II. ALTERNATES

Amount of each Alternates insert in Numbers:

Additive Alternate #1 - _____Paved Taxiway Shoulders_____

Total Amount of Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

_____$_____

III. UNIT PRICES

Bidders shall submit unit pricing on the 025 Unit Pricing form, and it shall be attached immediately following this sheet.

_____	_____
Official Name of Company (legal)	Telephone No.
_____	_____
Address	Fax No.
_____	_____
City, State and Zip Code	E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

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CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.1		Mobilization (8% per limitations in Section 040)	LS	1			
2	100.2		Insurance and Bond	LS	1			
3	100.3		Lighted Portable Runway Closure Marker	Ea	2			
4	100.4		Type 1 and Type 2 Barricades	LS	1			
5	100.5		Temporary Airfield Lighting And Signage	LS	1			
6	101.1		Preparing Right-of-Way	LS	1			
7	103.3		Remove Concrete Roadway (>10,000 S.F.)	SF	55,872			
8	103.4		Remove Miscellaneous Concrete	SF	3,308			
9	104.1		Street Excavation (1,000<x<10,000 C.Y.)	CY	1,035			
10	107.1		Embankment (Final)(Dens Cont)(TY A)	CY	210			
11	108.1		Lime-Treated Subgrade (6")	SY	2,258			
12	108.1		Lime-Treated Subgrade (8")	SY	7,768			
13	200.1		Flexible Base (4" Compacted Depth)	SY	7,768			
14	200.1		Flexible Base (8" Compacted Depth)	SY	2,258			
15	202.1		Prime Coat ***(0.2 Gal/SY)***	***Gal***	1,554			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
16	205.2		Hot Mix Aspaltic Pvmt , Ty ***A*** (3" ***Comp Depth***)	SY	2,258			
17	209.1		Concrete Pavement (10" Deep)	SY	7,768			
18	307.1		Concrete Structure (Headwalls)	CY	12			
19	309.1		Precast Reinforced Concrete Culvert (3'x2')	LF	296			
20	401.4		Safety End Treatment	Ea	5			
21	505.1		Concrete Riprap (5" Thick) (<100 S.Y.)	SY	30			
22	509.1		Metal Beam Guard Rail (<200 L.F.)	LF	57			
23	516.1		Bermuda Sodding (<2,000 S.Y.)	SY	1,667			
24	530.1		Barricades, Signs, and Traffic Handling	LS	1			
25	531.6		R2-1 Speed Limit (24"x30") (High Density)	Ea	2			
26	537.1		Traffic Button (Type W)	Ea	95			
27	689		Portable Traffic Signal System	Month	3			
28	540.1		Rock Filter Dams (Install/Remove) (Type 2)	LF	35			
29	540.6		Construction Exits (Install/Remove)	SY	305			
30	540.6		Construction Exits (Install/Remove) (Twy R)	SY	111			

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025 UNIT PRICING FORM

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AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
31	540.9		Temporary Sediment Control Fence	LF	4,820			
32	540.9		Temporary Sediment Control Fence (Twy R)	LF	200			
33	550.1		Trench Excavation Safety Protection	LF	650			
34	P-150-4.1		Removal of 3-Inch to 4-Inch Bituminous Taxiway, Shoulder or Blast Pad Pavement	SY	1,900			
35	P-150-4.2		Removal of Metal Guardrail with Metal Posts	LF	200			
36	P-150-4.3		Removal of Existing Runway/Taxiway Pavement Markings	SF	6,000			
37	P-150-4.4		Removal of 16-Inch Concrete Pavement, including Thickened Edge, Base, Reinforcement (Depth Varies)	SY	10,425			
38	P-150-4.5		2-Inch Mill of Existing Concrete Pavement (Twy R)	SY	180			
39	P-150-4.6		Removal of Existing Inlet	Ea	1			
40	P-150-4.7		Removal of Sanitary Manhole	Ea	2			
41	P-151-4.1		Clearing and Grubbing	Ac	6			
42	P-152-4.1		Unclassified Excavation	CY	***12,600***			
43	P-154-5.1		6-Inch (Depth) Aggregate Subbase Course	SY	***20,585***			
44	P-155-8.1		6-Inch (Depth) Lime-Treated Subgrade (7%)	SY	***21,425***			
45	P-155-8.2		Lime	Ton	455			

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025 UNIT PRICING FORM

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AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
46	P-209-5.1		8-Inch (Depth) Crushed Aggregate Base Course	SY	1,635			
47	P-304-8.1		6-Inch (Depth) Cement Treated Base Course	SY	***18,205***			
48	P-304-8.2		Cement Treated Base Repair (10-Inch Nom Depth)	SY	2,050			
49	P-403-8.1		3-Inch (Depth) Bituminous Surface Course	SY	1,505			
50	P-403-8.2		Bituminous Overlay (Twy R)	Ton	250			
51	P-403-8.3		Pavement Fabric (Twy R)	SY	650			
52	P-501-8.1		16-Inch (Depth) Reinforced Portland Cement Concrete Pavement	SY	***18,233***			
53	P-501-8.2		16 Inch - 20 Inch Thickened Reinforced Portland Cement Concrete Pavement	SY	***5,775***			
54	P-602-5.1		Bitiminous Prime Coat	Gal	***13,820***			
55	P-603-5.1		Bitiminous Tack Coat (Twy R)	Gal	200			
56	P-620-5.1		Reflective Yellow Taxiway Pavement Markings, waterborne (Twy R)	SF	50			
57	P-620-5.2		Reflective Yellow Taxiway Pavement Markings, waterborne	SF	***5,230***			
58	P-620-5.3		Reflective White Runway Pavement Markings, waterborne	SF	390			
59	P-620-5.4		Non-Reflective Black Runway and Taxiway Pavement Markings, waterborne	SF	***9,530***			
60	P-620-5.5		Non-Reflective Black Runway and Taxiway Pavement Markings, waterborne (Twy R)	SF	100			

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PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
61	P-620-5.6		Preformed Thermoplastic SPHPS	***SF***	***7,525***			
62	P-620-5.7		Preformed Thermoplastic RW Hold	***SF***	***4,290***			
63	P-621-4.1		Runway Pavement Grooving	SY	70			
64	D-701-5.1		18-inch Reinforced Concrete Pipe, Class V	LF	142			
65	D-751-5.1		FAA Rated Storm Sewer Grate Inlet	Ea	2			
66	D-751-5.2		FAA Rated Sanitary Sewer Manhole	Ea	2			
67	T-901.5.1		Hydro-Mulch Seeding for Erosion Control	Ac	***5***			
68	T-901.5.2		Hydro-Mulch Seeding for Erosion Control (Twy R)	Ac	1			
69	T-905-5.1		Topsoiling	CY	900			
70			Electrical Demolition (Including existing lighting, cables/conductors, base cans, lamps, transformers, ground wires, abandoned cables, foundations, etc.)	LS	1			
71	L-108-5.1		#6 AWG 5 KV Cable	LF	1,200			
72	L-108-5.2		#8 AWG 5 KV Cable	LF	13,100			
73	L-108-5.3		#1/0 AWG Counterpoise, Gnd Rods, and Connectors	LF	8,950			
74	L-108-5.4		Inspecting and Testing	LS	1			
75	L-108-5.5		Cable Connection Termination	Ea	105			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BASE BID

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
76	L-110-5.1		1-Way 2-Inch Schedule 40 PVC Sand Encased Duct, Complete In Place	LF	8,600			
77	L-110-5.2		Modification of Existing Ductbank	LF	700			
78	L-110-5.3		4-Way 4-Inch Schedule 40 PVC Concrete Encased Duct, Complete In Place	LF	900			
79	L-110-5.5		Inspection and Testing	LS	1			
80	L-115-5.1		Electrical Handhole/Pull Box	Ea	8			
81	L-115-5.2		Inspection and Testing	LS	1			
82	L-125-5.1		Taxiway Edge Lights, Elevated	Ea	91			
83	L-125-5.2		Light Base, New	Ea	9			
84	L-125-5.4		Guidance Sign, Relocated (2 Module)	Ea	7			
85	L-125-5.5		Guidance Sign, New Complete in Place (2 Module)	Ea	6			
86	L-125-5.6		Inspecting and Testing	LS	1			
87	L-125-5.7		Isolation Transformer, 200W	Ea	9			
88	L-125-5.8		Runway Edge Lights, In-Pavement	Ea	2			
89	L-125-5.10		Light Fixture Identification Tags	Ea	93			
						TOTAL BASE BID AMOUNT:		

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
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PROJECT NO. 33-00160

ADD ALTERNATE 1

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	90	P-152-4.1		Unclassified Excavation	CY	8,000			
1	91	P-154-5.1		6-Inch (Depth) Aggregate Subbase Course	SY	18,700			
1	92	P-155-8.1		6-Inch (Depth) Lime-Treated Subgrade (7%)	SY	19,300			
1	93	P-155-8.2		Lime	Ton	410			
1	94	P-209-5.1		8-Inch (Depth) Crushed Aggregate Base Course	SY	18,200			
1	95	P-403-8.1		3-Inch (Depth) Bituminous Surface Course	SY	17,750			
1	96	P-602-5.1		Bitiminous Prime Coat	Gal	9,100			
1	97	P-620-5.2		Reflective Yellow Taxiway Pavement Markings, waterborne	SF	8,025			
				TOTAL AMOUNT ADDITIVE ALTERNATE BID NO. 1:					

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: RW-3/21 EXTENSION-NEW EXIT TWY, TWY REPAIRS, AND PERIMETER RD - RE-BID
AT SAN ANTONIO INTERNATIONAL AIRPORT
PROJECT NO. 33-00160

BID SUMMARY

ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
					TOTAL AMOUNT BASE BID			
					TOTAL AMOUNT ADDITIVE ALTERNATE BID NO. 1			
			TOTAL AMOUNT BASE BID + ALT NO. 1:					

_____certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____acknowleges and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

Runway 3/21 Extension – New Exit Twy, Twy Repairs,
And Perimeter Rd Reconstruction – Re-Bid
San Antonio International Airport

February 8, 2013

Responses to Contractor Questions (received as of February 5, 2013):

1. Will any of the soil in this project be considered contaminated, or require a 40 hour certification to excavate?

A: There will not be any contaminated material onsite in this project.

2. Is there a detailed cost estimate that is available for this project?

A: There is currently an estimated construction budget as shown in Section 020 Bid Form (revised in Addendum No. 1). That is the only cost estimate information that can be made available for the project.

3. Will preformed thermoplastic pavement markings require the use of both Type III and Type I/IV glass beads?

A: The requirement for glass beads has been changed from Type III to Type IV for all airside pavement markings in the project, including waterborne and preformed thermoplastic (Type I/IV) markings, as reflected in Addendum No. 1.

4. Please clarify the pay item units for preformed thermoplastic markings?

A: Pay item units for airside preformed thermoplastic markings have been revised to Per Square Foot basis, as reflected in Addendum No. 1.

5. The Unit Pricing Form posted on the City of San Antonio's RFP website for the project appears to be missing the 'Additive Alternate Bid No. 1' information.

A: The 'Additive Alternate Bid No. 1' is included in the same Excel file for the 025 Unit Pricing Form posted on the City's website, under a separate tab (worksheet) of the same spreadsheet.

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