COUNCIL DECISION REQUEST

SUBJECT: Airport Projects – Echo Ramp Expansion

MEETING DATE: 7-31-14

SUBMITTED BY: LaRon G. Garrett, Asst. Town Mgr

SUBMITTAL TO AGENDA

AMOUNT BUDGETED: $373,000.00

APPROVED BY TOWN MANAGER

EXPENDITURE REQUIRED: $313,675.00

EXHIBITS (If Applicable, To Be Attached): Recommendation from Consultant, Bid Tabulation

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POSSIBLE MOTION

I move to award the 2014 Airport Improvement Project for the Echo Ramp Expansion Construction to Pavex Corporation for a bid price of $313,675.00, contingent on FAA and ADOT approval, and authorize the Town Manager to sign all necessary contract documents.

SUMMARY OF THE BASIS FOR POSSIBLE MOTION:

Annually we attempt to have improvement projects at the airport. These projects are typically funded with grants from the Federal Aviation Administration (FAA) and the Arizona Department of Transportation (ADOT). This year we anticipate receiving a grant to construct the Echo Ramp Expansion area. With the grant the FAA pays 91.06% of the cost, ADOT Pays 4.47% of the cost and the Town pays 4.47% of the cost. This is a reimbursable grant where the Town expends the funds and then is reimbursed by the FAA and ADOT. We anticipate bringing the FAA grant offer to the Town Council at their August 14th meeting for acceptance.

This Council Decision Request is for the construction portion only on this project. On July 24, 2014 we received bids for this year's project. We received three bids. A summary of the bids is as follows:

Contractor	Total Bid
Pavex, Corp.	$313,675.00
AJP Electric	$373,292.50
Show Low Construction	$428,877.00

Our airport consultant, Armstrong Consultants, has reviewed all the bids and determined that lowest responsive, responsible bid is from Pavex and recommends that they be awarded the project. Staff concurs with this recommendation. This price is based on a unit cost for the estimated quantities. The actual final price will be based on field measured quantities for each item. The complete project cost including construction, quality assurance testing, Town administration, and construction administration is $394,205 which is within the $600,000 original budget.

Since this project is funded by the FAA and ADOT they both also have to concur with this award. The request for approval has been submitted and we should have a response shortly. Therefore, we are requesting that the 2014 Airport Project be awarded to Pavex, Corp. contingent upon receiving approval from the FAA and ADOT.

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COUNCIL DECISION REQUEST

Approval of this contract will allow us to move forward with this construction project.

PROS: This will allow the Echo Ramp Expansion to move forward.

CONS: None

FUNDING:

Acct:260-5-4445-00-8813	Budget: $600,000	Available: 600,000	Expense: 313,675.	Remaining: 286,325.
Acct:	Budget:	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:

FM: Hope Cubit

ARMSTRONG

July 25, 2014

LaRon G. Garrett, P.E.
Town of Payson
Assistant Town Manager
303 N. Beeline Hwy.
Payson, AZ 85541

Re: Recommendation of Award
Payson Airport
Schedule I - Extend Echo Apron
A.I.P. No. 3-04-0027-020-2014

Dear LaRon,

As you are aware, bids were received on the above noted project on July 24, 2014. Three bids were received on the project. A bid tabulation is attached reflecting the bids along with the Engineer's Cost Estimate.

The bids were reviewed for conformance to the requirements. The review included a check of the math, evidence of unbalancing, bid bond, and appropriate signatures. The bids generally appear to be responsive.

Pavex Corporation appears to be the low bidder for the project. The low bidder has been determined based upon the lowest combined amount for Schedule I.

The following table shows the relationship of the bids to each other and the Engineer's estimate:

CONTRACTOR	SCHEDULE I – EXTEND ECHO APRON
Pavex Corp.	$313,675.00
AJP Electric	$373,292.50
Show Low Construction	$428,877.00
Engineer's Estimate	$373,925.00

The project was advertised three times over three weeks in the Payson Roundup as well as in the iSQFT and McGraw Hill Dodge plan rooms. Faxes and/or emails of the bid advertisement were sent to forty six potential bidders. There were six sets of documents provided to potential bidders and subcontractors. At the pre-bid meeting held on July 18, 2014, there were six potential contractors that attended the meeting and site visit.

Colorado
871 Road Avenue
Grand Junction, CO 81501
T: 970.241.0101
F: 970.241.1369

Arizona
2345 S. Alma School Road
Suite 208
Mesa, AZ 85210
T: 602.603.2079
F: 480.632.0760

New Mexico
2405 Renard Place SE
Suite 220
Albuquerque, NM 87106
T: 505.508.2192
F: 505.508.2795

www.armstrongconsultants.com

The following budgets need to be developed for the project:

COST SUMMARY - AIP 020	
TOTAL CONSTRUCTION COST	$313,675.00
QUALITY ASSURANCE	$12,000.00
CONSTRUCTION ADMINISTRATION	$63,530.00
ADMINISTRATION	$5,000.00
TOTAL ESTIMATED PROJECT COST	**$394,205.00**
FAA SHARE (91.06%)	$358,963.00
ADOT SHARE (4.47%)	$17,620.96
LOCAL SHARE (4.47%)	$17,621.04

Note: The design and bidding costs were not included in the summary, as this is a construction only grant.

Based upon our review, we recommend that Schedule I be awarded to Pavex Corporation in the amount of $313,675.00.

Please contact me if you have any questions.

Sincerely,
Armstrong Consultants, Inc.

Jason Musselman, P.E.
Director of Aviation Services

Enclosures: Bid Tabulation

ARMSTRONG CONSULTANTS, INC.
2345 S. Alma School Road, Suite 208
Mesa, AZ 85210-4014

AZ Office: (602) 803-7079 AZ Fax: (480) 632-0740

PAYSON AIRPORT
AIP NO. 3-04-0027-020-2014
ACI # 136161
BID DATE: July 24, 2014 10:30 A.M. MST

BID TABULATION

SCHEDULE I –EXTEND ECHO APRON

	ITEM	QUAN.	UNIT	ENGINEER'S ESTIMATE UNIT PRICE	ENGINEER'S ESTIMATE EXTENSION	PAVEX CORPORATION UNIT PRICE	PAVEX CORPORATION EXTENSION	AJP ELECTRIC UNIT PRICE	AJP ELECTRIC EXTENSION
1	Mobilization	1	L.S.	$ 75,000.00	$ 75,000.00	$ 33,000.00	$ 33,000.00	$ 40,000.00	$ 40,000.00
2	Remove Asphalt Mat (Full Depth)	65	S.Y.	$ 5.00	$ 325.00	$ 9.00	$ 585.00	$ 45.00	$ 2,925.00
3	Remove Concrete Headwall	2	Each	$ 300.00	$ 600.00	$ 495.00	$ 990.00	$ 600.00	$ 1,200.00
4	Remove Retroreflective Marker	2	Each	$ 20.00	$ 40.00	$ 28.00	$ 56.00	$ 10.00	$ 20.00
5	Remove Fencing	50	L.F.	$ 7.00	$ 350.00	$ 7.00	$ 350.00	$ 10.00	$ 500.00
6	Watering	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
7	Aircraft Tiedowns (Set of 3)	8	Each	$ 1,000.00	$ 8,000.00	$ 750.00	$ 6,000.00	$ 780.00	$ 6,240.00
8	Rock Riprap	17	S.Y.	$ 60.00	$ 1,020.00	$ 57.00	$ 969.00	$ 100.00	$ 1,700.00
9	18-Inch Galvanized Steel Flared End Section	2	Each	$ 200.00	$ 400.00	$ 500.00	$ 1,000.00	$ 850.00	$ 1,700.00
10	Embankment in Place	675	C.Y.	$ 30.00	$ 20,250.00	$ 35.00	$ 23,625.00	$ 58.00	$ 39,150.00
11	Rock Excavation	90	C.Y.	$ 50.00	$ 4,500.00	$ 80.00	$ 7,200.00	$ 150.00	$ 13,500.00
12	Crushed Aggregate Base Course (10.5 Inches Thick)	5,180	S.Y.	$ 20.00	$ 103,600.00	$ 21.00	$ 108,780.00	$ 20.00	$ 103,600.00
13	Bituminous Surface Course (3 Inches Thick)	912	TON	$ 130.00	$ 118,560.00	$ 100.00	$ 91,200.00	$ 130.00	$ 118,560.00
14	Bituminous Prime Coat	2,590	Gal	$ 8.00	$ 20,720.00	$ 4.00	$ 10,360.00	$ 3.00	$ 7,770.00
15	Bituminous Tack Coat	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental	Incidental
16	Runway and Taxiway Painting	410	S.F.	$ 4.00	$ 1,640.00	$ 3.00	$ 1,230.00	$ 8.50	$ 3,485.00
17	Temporary Runway and Taxiway Painting	410	S.F.	$ 3.00	$ 1,230.00	$ 2.00	$ 820.00	$ 5.00	$ 2,050.00
18	Reflective Media	25	S.F.	$ 10.00	$ 250.00	$ 3.00	$ 75.00	$ 8.00	$ 200.00
19	18 Inch Reinforced Concrete Pipe	20	L.F.	$ 125.00	$ 2,500.00	$ 150.00	$ 3,000.00	$ 100.00	$ 2,000.00
20	Seeding	0.5	Acre	$ 3,000.00	$ 1,500.00	$ 7,000.00	$ 3,500.00	$ 12,300.00	$ 6,150.00
21	Trenching for Counterpoise Wire	395	L.F.	$ 1.00	$ 395.00	$ 7.00	$ 2,765.00	$ 30.00	$ 11,850.00
22	Bare Counterpoise Wire, Installed in Trench, Duct Banks, or Conduit, Including Groundrods and Ground Connectors	395	L.F.	$ 1.00	$ 395.00	$ 3.00	$ 1,185.00	$ 1.50	$ 592.50
23	No. 8 Ground Cable, Installed in Conduit	395	L.F.	$ 1.00	$ 395.00	$ 2.00	$ 790.00	$ 1.00	$ 395.00
24	No. 2/0 THWN-2 CU Cable, Installed in Conduit	830	L.F.	$ 6.00	$ 4,980.00	$ 6.00	$ 4,980.00	$ 5.00	$ 4,150.00
25	2-Way (4-Inch) PVC Duct (Concrete Encased)	63	L.F.	$ 25.00	$ 1,575.00	$ 65.00	$ 4,095.00	$ 20.00	$ 1,260.00
26	1-Way (4-Inch) PVC Duct (Concrete Encased)	39	L.F.	$ 20.00	$ 780.00	$ 50.00	$ 1,950.00	$ 15.00	$ 585.00
27	2-Inch PVC Duct (Direct Earth Burial)	355	L.F.	$ 4.00	$ 1,420.00	$ 4.00	$ 1,420.00	$ 2.00	$ 710.00
28	Splice Bases	5	Each	$ 700.00	$ 3,500.00	$ 750.00	$ 3,750.00	$ 600.00	$ 3,000.00
			TOTAL SCHEDULE I		**$ 373,925.00**		**$ 313,675.00**		**$ 373,292.50**

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2345 S. Alma School Road, Suite 208
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BID TABULATION

SCHEDULE I –EXTEND ECHO APRON

	ITEM	QUAN.	UNIT	SHOW LOW CONSTRUCTION UNIT PRICE	SHOW LOW CONSTRUCTION EXTENSION
1	Mobilization	1	L.S.	$ 95,000.00	$ 95,000.00
2	Remove Asphalt Mat (Full Depth)	65	S.Y.	$ 40.00	$ 2,600.00
3	Remove Concrete Headwall	2	Each	$ 375.00	$ 750.00
4	Remove Retroreflective Marker	2	Each	$ 50.00	$ 100.00
5	Remove Fencing	50	L.F.	$ 4.00	$ 200.00
6	Watering	Incidental	Incidental	Incidental	Incidental
7	Aircraft Tiedowns (Set of 3)	8	Each	$ 560.00	$ 4,480.00
8	Rock Riprap	17	S.Y.	$ 53.50	$ 909.50
9	18-Inch Galvanized Steel Flared End Section	2	Each	$ 300.00	$ 600.00
10	Embankment in Place	675	C.Y.	$ 61.00	$ 41,175.00
11	Rock Excavation	90	C.Y.	$ 90.00	$ 8,100.00
12	Crushed Aggregate Base Course (10.5 Inches Thick)	5,180	S.Y.	$ 17.50	$ 90,650.00
13	Bituminous Surface Course (3 Inches Thick)	912	TON	$ 144.50	$ 131,784.00
14	Bituminous Prime Coat	2,590	Gal	$ 2.00	$ 5,180.00
15	Bituminous Tack Coat	Incidental	Incidental	Incidental	Incidental
16	Runway and Taxiway Painting	410	S.F.	$ 10.85	$ 4,448.50
17	Temporary Runway and Taxiway Painting	410	S.F.	$ 10.85	$ 4,448.50
18	Reflective Media	25	S.F.	$ 5.50	$ 137.50
19	18 Inch Reinforced Concrete Pipe	20	L.F.	$ 211.50	$ 4,230.00
20	Seeding	0.5	Acre	$ 12,200.00	$ 6,100.00
21	Trenching for Counterpoise Wire	395	L.F.	$ 15.00	$ 5,925.00
22	Bare Counterpoise Wire, Installed in Trench, Duct Banks, or Conduit, Including Groundrods and Ground Connectors	395	L.F.	$ 2.60	$ 1,027.00
23	No. 8 Ground Cable, Installed in Conduit	395	L.F.	$ 1.50	$ 592.50
24	No. 2/0 THWN-2 CU Cable, Installed in Conduit	830	L.F.	$ 5.20	$ 4,316.00
25	2-Way (4-Inch) PVC Duct (Concrete Encased)	63	L.F.	$ 40.50	$ 2,551.50
26	1-Way (4-Inch) PVC Duct (Concrete Encased)	39	L.F.	$ 41.50	$ 1,618.50
27	2-Inch PVC Duct (Direct Earth Burial)	355	L.F.	$ 16.70	$ 5,928.50
28	Splice Bases	5	Each	$ 1,205.00	$ 6,025.00
				TOTAL SCHEDULE I	**$ 428,877.00**