

PRESCOTT CITY COUNCIL JOINT WORKSHOP/SPECIAL MEETING - AGENDA

**PRESCOTT CITY COUNCIL
JOINT WORKSHOP/SPECIAL MEETING
TUESDAY, APRIL 3, 2012
3:00 PM**

**Prescott Council Chambers
201 South Cortez
Prescott, Arizona
(928) 777-1100**

The following Agenda will be considered by the Prescott City Council at its **Joint Workshop/Special Meeting** pursuant to the Prescott City Charter, Article II, Section 13. Notice of this meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02.

- ◆ **CALL TO ORDER**
- ◆ **INVOCATION** Major Kyle Trimmer, Salvation Army in Prescott
- ◆ **PLEDGE OF ALLEGIANCE** Councilman Blair
- ◆ **ROLL CALL:**

MAYOR AND CITY COUNCIL:

Mayor Kuykendall	Councilman Carlow
Councilman Arnold	Councilman Kuknyo
Councilman Blair	Councilman Lamerson

WORKSHOP

- I. **PRESENTATION**
 - A. Presentation by Judge Arthur Markham re Community Work Program.
- II. **PUBLIC COMMENTS**
 - A. Introduction of new businesses
 - B. Presentation by Occupy Prescott re 'Corporations Should Not Equal People' Resolution
 - C. Presentation by Rob Israel re Disc Golf

III. PROCLAMATIONS

- A. April 2012 as *Fair Housing Month*
- B. April as *Water Awareness Month*
- C. April 14 – May 18, 2012, as *Prescott's Bike Month*
- D. April 16, 2012, as *National Healthcare Decisions Day*

IV. REPORTS

- A. Board/Commission liaison reports

V. ADJOURNMENT

SPECIAL MEETING

- A. Call to Order
- B. Discussion/Direction re Downer Trail Gate
- C. Discussion of FY2013 General Fund Revenue Projection
- D. Approval of Authorization of Services No. 3 to Dibble Engineering for construction administration/management services in an amount not to exceed \$648,414.21 for the Runway 21L-3R Safety Area Improvement project.
- E. Recess into Executive Session
- F. EXECUTIVE SESSION
 - 1. Discussion or consultation with the attorneys of the public body in order to consider its position and instruct its attorneys regarding the public body's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation or in settlement discussions conducted in order to avoid or resolve litigation, pursuant to ARS §38-431.03(A)(4).
 - a. Centerpointe East v. City of Prescott
 - 2. Discussion or consultation for legal advice with the attorney or attorneys of the public body, pursuant to ARS §38-431.03(A)(3).
 - a. Employee Benefits
 - b. Solid Waste Issues
- G. Adjournment

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Prescott City Hall on _____
at _____ .m. in accordance with the statement filed by the Prescott City Council with the City Clerk.

Elizabeth A. Burke, City Clerk

COUNCIL AGENDA MEMO – April 3, 2012 Special Meeting
DEPARTMENT: Public Works
AGENDA ITEM: Downer Trail gate south of Sierry Peaks Drive

Approved By:	Date:
Department Head: Mark Nietupski	
Finance Director: Mark Woodfill	
City Manager: Craig McConnell <i>Craig McConnell</i>	<i>3-28-12</i>

Item Summary

At their Special Meeting of March 20, 2012, the Council voted to table and continue this item to a Special Meeting on April 3, 2012.

By letter dated March 21, 2012, citing medical reasons, Attorney James Musgrove subsequently requested that Council discussion of the item be further continued to the first Regular Meeting of May. This agenda item is for the Council to consider Mr. Musgrove's request.

<p>Recommended Action: MOVE to continue Council discussion of the Downer Trail gate, and any related action which may be directed, to the Regular Meeting of May 8, 2012.</p>
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SM-D

COUNCIL AGENDA MEMO – April 3, 2012 Special Meeting

DEPARTMENT: Airport

AGENDA ITEM: Authorization of Services No. 3 to Dibble Engineering for construction administration/management services in an amount not to exceed \$648,414.21 for the Runway 21L-3R Safety Area Improvement Project

Approved By:

Date:

Department Head: Benjamin Vardiman, Airport Manager

Finance Director: Mark Woodfill

City Manager: Craig McConnell



3-28-12

Background

The Runway 21L-3R Safety Improvement Project, mandated by the federal government, was designed by Dibble Engineering under Authorization of Services No. 1 of City of Prescott Contract No. 2011-15, Airport General Architectural/Engineering Services FY 10-FY 13 ("the General Engineering Services Contract"). Bids were subsequently opened on November 30, 2011, followed by evaluation and award of the construction contract by Council on March 27, 2012.

The scope of Authorization of Services No. 3 includes the following construction phase activities and responsibilities: construction administration and oversight, review and preparation of all invoices and grants paperwork; project management including coordination of all utility relocations, contractor submittal reviews, FAA weekly and monthly reports, construction inspection, quality control and project closeout activities. The estimated cost of these services, negotiated in accordance with the General Engineering Services Contract, is \$648,414.21. Dibble will be subcontracting certain parts of the work, with Prescott area firms to complete approximately 37% of the contract value (\$238,760.28). The scope and fee breakdown are attached for reference.

Budget

The project cost, including the work contained in this construction phase authorization, is 95% grant funded by the FAA, 2.5% grant funded by ADOT Aeronautics Division, and 2.5% City. Prescott's cost share for Authorization of Services No. 3 is \$16,210.35. The City has already accepted the grants and budgeted the project over three fiscal years (FY 11, FY 12, and FY 13).

Attachment - Scope of Work and Cost Breakdown for Authorization of Services No. 3

Recommended Action: MOVE to approve Authorization of Services No. 3 to Dibble Engineering for construction administration/management services in an amount not to exceed \$648,414.21 for the Runway 21L-3R Safety Area Improvement project; and further authorizing the Mayor and City staff to execute any and all related documents.

Dibble Engineering

November 29, 2011

Prescott Municipal Airport
Ernest A. Love Field
6546 Crystal Lane
Prescott AZ 86301

Attention: Mr. Benjamin Vardiman, ACE
Airport Manager

RE: ENGINEERING SERVICES PROPOSAL
Authorization Of Services No. 3
Construction Phase Services
RW 21L-3R Runway Safety Improvements
PRC Project No. 2010 DB003

7500 North Dreamy Draw Drive
Suite 200
Phoenix, Arizona 85020
phone 602.957.1155
fax 602.957.2838
www.dibblecorp.com

We appreciate the opportunity to provide construction administration services to the Prescott Municipal Airport for the support of the construction of Runway Safety-related improvements to Runway 21L-3R. Dibble Engineering will utilize Prescott-area subconsultants *Civiltec Engineering* for Airfield Inspection, Storm Drain Construction Administration and Inspection, and Obstruction Surveys updates; and *Ninyo & Moore* for Material Quality Assurance Testing. In addition we will utilize specialty subconsultants *Oridian Construction Services* for Construction Management; *Speedie & Associates* for Pavement Design Reviews, *CR Engineers* for Electrical Engineering, Airfield Lighting & Signage Construction Admin; and *Nicholas J. Pela Associates* for Special Services.

Dibble Engineering proposes to provide all construction-phase services for the RW 21L-3R Runway Safety Improvements for a time-and-materials, not-to-exceed Fee of \$648,414.21. This fee consists of a Dibble Engineering fee of \$142,108.13; an Oridian Construction Management fee of \$182,314.00; a Civiltec Airfield Inspection fee of \$94,021.00 and Storm Drain Inspection fee of \$68,096.00; a Ninyo & Moore Quality Assurance Testing fee of \$47,787.28; a Speedie & Associates Pavement Mix Design Review fee of \$800.00; an Electrical Construction Admin fee of \$73,931.80; a Nicholas J. Pela Special Services fee of \$10,500.00; and a Civiltec Instrument Procedure Survey update fee of \$28,856.00.

With the inclusion of Civiltec Engineering and Ninyo & Moore services, we are providing our Prescott-area partners a participation benefit of 36.8%; and with CR Engineers services, we are providing an engineering DBE benefit of approximately 11.4%.

Transmitted herewith are our proposed Scope of Work, Fee Summary, Derivation of Cost Proposal Summary, Estimated Man-hour breakdowns, and Estimated Allowance for Direct Costs. We have also included complete subconsultant proposals for review.

We greatly appreciate the opportunity to work with Prescott Municipal Airport and are excited to be a part of this critical safety improvement project. If you need additional information or have questions, please do not hesitate to call.

Sincerely,

DIBBLE ENGINEERING



Kenneth L. Snyder, P.E.

Vice President Airport Infrastructure



Kent M. Dibble, P.E., RLS

President, Dibble Engineering

Enclosures



SCOPE OF WORK
AOS No. 3
Construction-Phase Services
Runway 3R-21L RSA CA
PRC Project No. 2010DB003

Dibble
Engineering

Prescott Municipal Airport, Ernest A. Love Field
Prescott, Arizona

Dibble Engineering (Dibble), to the satisfaction of the City of Prescott and the Prescott Municipal Airport (PRC), shall provide Construction Phase Services for the Runway 3R-21L Runway Safety Area Improvements project at the Prescott Municipal Airport.

This project will remove 411' of RW 3R End and add it to the RW 21L End to ensure a full 1,000 RSA at the 3R End, including modifications/relocations of existing NAVAIDS as required. The major items associated with this project include the following:

1. Re-grade RW 21L End Drainage Basin to remain outside of the Runway Safety Area (RSA).
2. Provide paved shoulders on RW 3R-21L and portions of the connecting taxiways within the RSA.
3. Adjust runway lights and signs, electrical handholes and junction boxes, and drainage catch basins within the new paved shoulders as needed.
4. Replace 7,000 feet of drainage ditch between RW 3R-21L and parallel TW D with storm drain pipe to eliminate steep infield slopes and regrade the infield as needed.
5. Demolition of RW 3R end and connecting TW's C1 and D1 and associated Run-Up Area, miscellaneous drainage components, and electrical components such as lighting, signage, handholes, junction boxes, etc.
6. Construction of realigned TW C, new connecting TW's C1 and D1, and Run-Up Area at TW D.
7. Construction of RW 21L End, realigned TW C, new connecting TW's C7 and D7, new TW G and associated Run-Up Area.
8. Replace miscellaneous runway and taxiway directional signage at several locations to enhance pilot direction.
9. Reconstruction of failed pavement at the intersection of RW 3R-21L and RW 12-30 and at TW E4.
10. New airfield electrical items such as runway and taxiway lighting and signage, lighted windsocks, new circuits and regulators in existing vault, relocation of PAPI's, salvaging of prototype LED MITL, and NAVAID infrastructure.
11. Removal of miscellaneous items penetrating the RW 3R-21L Part 77 and Threshold Siting Plane (TSP) surfaces.

Dibble Engineering proposes the following services:

A. Construction Administration Services (Dibble Engineering)

1. Construction-Phase Services: Dibble Engineering will provide overall coordination with of the team and coordination with PRC. Oridian Construction Services will provide Construction Management Services under the direction of Dibble Engineering (reference Section B). Dibble Engineering staff will provide the following services:
 - a. Attend Preconstruction Conference.
 - b. Review and respond to the following Contractor requests:
 - i. Shop Drawings, estimated at a total of 40.
 - ii. Requests for Information (RFI's), estimated at a total of 30.
 - iii. Change Order Requests, estimated at a total of 6.
 - c. Review and calculation of final earthwork quantities/survey.
 - d. Weekly site visits and construction meeting attendance, or as needed or required by PRC, (given the anticipated construction duration of 6-1/2 months the estimated total number of meeting attendance is 20).
 - e. A 2-day observation estimated at once a month, or as needed or required by PRC, during times of construction of more critical items such as P-401 AC paving.
 - f. Attend Pre-Final Punchlist and Final Punchlist walk-through meetings (two, 1-day visits).
 - g. Prepare Final Record Drawings based on Contractor redlines and field changes issued during construction. Record Drawing submittal will include 1-full size hardcopy, 2-half-size hardcopies, and electronic (PDF) versions of the final Record Drawings and the Contractor redlines.
 - h. Preparation and submittal of the Final Engineer's Construction Report.
 - i. Provide coordination with specialty sub-consultants, (Oridian, Ninyo & Moore, Civiltec, and CR Engineers), offering Construction Administration support services.
2. Project Coordination: The Engineer will provide overall management and coordination of the Construction Administration team and will provide coordination between team members, Oridian and PRC as necessary.

B. Construction Management and Inspection Services (Oridian Construction Services)

1. Oridian Construction Services (Oridian) will provide full Construction Management Services. A more detailed scope and fee by Oridian is attached identifying the tasks to be completed. The following is a brief summary of items tasked to Oridian:
 - a. Pre-Construction Activities: Conduct Preconstruction Conference, project start-up, review of pre-construction submittals, etc.
 - b. Construction Activities: Enforce Contract Documents, process the Contractor's Submittals & RFI's, assist and coordinate NOTAM's as needed, monitor job progress, review Contractor record drawings, conduct weekly progress meetings, evaluate Contractor's requests for extra work or time extensions, monitor job progress and quantities and Contractor's payment applications, etc.
 - c. Construction Inspection Services (Civiltec): Civiltec Engineers will furnish Construction Inspectors, working under the direction of the Oridian Project Manager, for the purposes of

providing construction inspection and surveillance of the Contractors' work during all scheduled construction operations. Civiltec will prepare written daily reports of activities and observations. All inspection and observation documentation will be coordinated with and through Oridian. Reference Section E for separate services that will be performed in addition to this section.

- d. Quality Assurance Material Testing (Ninyo and Moore): Oridian Construction Services will coordinate and review all QA material testing procedures, reports, and test results performed by Ninyo and Moore, (reference Section C), etc.
- e. Project Closeout Activities: Pre-Final and Final Punchlist walk-through, record drawing redlines, Certificate of Substantial and Final Completion, Final Payment, Final Construction Engineer's Report, etc.

C. Construction Materials Testing (Ninyo & Moore as a Sub-Consultant to Dibble)

1. Ninyo & Moore (N&M), under the specific guidance of Oridian Construction Services, will perform Quality Assurance (QA) construction materials testing for this project which will include items such as trench compactions, infield grading compactions, earthwork embankment, local borrow material testing, Subbase Course, Cement-Treated Base, Crushed ABC, P-401 AC, etc. A more detailed scope and fee by N&M is attached identifying the tasks to be completed.

D. Construction Administration and Inspection Services for Electrical (CR Engineers as a Sub-Consultant to Dibble)

1. Construction-Phase Services: Construction Administration Services for the electrical components will be provided by CR Engineers (CR). A more detailed scope and fee by CR is attached identifying the tasks to be completed. CR staff will provide the following support services:
 - a. Attend Preconstruction Conference.
 - b. Review of Contractor's electrical Shop Drawings, estimated at a total of 20.
 - c. Respond to Requests for Information (RFI's), estimated at a total of 15.
 - d. Occasional site visits and construction meeting attendance estimated at six times a month over the 6-1/2 month construction duration for observation of critical work items such as work associated with the existing generator and vault, electrical ductbanks, and installation of electrical lighting, signage, handholes etc.
 - e. Review electrical Change Orders, estimated at a total of two.
 - f. Attend Pre-Final Punchlist Walk-Through and Final Walk-Through meetings as needed.
 - g. Prepare Electrical Pre-final and Final Punchlist.
 - h. Assist in the preparation of Final Record Drawings based on Contractors' electrical redlines and field changes issued during construction.

E. Construction Administration and Inspection Services for Storm Drain (Civiltec Engineers as a Sub-Consultant to Dibble)

1. Construction-Phase Services: Construction Administration Services for the storm drain components will be provided by Civiltec Engineers (Civiltec). A more detailed scope and fee by Civiltec is attached identifying the tasks to be completed. Civiltec staff will provide the following support services:

- a. Attend Preconstruction Conference.
- b. Provide Inspection Services under the direction of Oridian, (reference Section B.1.c.).
- c. Review of Contractor's storm drain Shop Drawings, estimated at a total of 15.
- d. Respond to Requests for Information (RFI's), estimated at a total of 10.
- e. Occasional site visits and construction meeting attendance estimated at 10 times a month over the 6-1/2 month construction duration for observation of critical work items such as work associated with the installation of storm drain pipe, catch basins, junction structures, headwalls, grouted rip rap, etc.
- f. Review of drainage Change Orders, estimated at a total of four.
- g. Perform earthwork verification surveys.
- h. Conduct Airspace Data Survey Verifications and AGIS submittals.
- i. Attend Pre-Final Punchlist Walk-Through and Final Walk-Through meetings as needed.
- j. Prepare storm drain Pre-final and Final Punchlist.
- k. Assist in the preparation of Final Record Drawings based on Contractors' storm drain redlines and field changes issued during construction.

F. Airfield Structural Pavement Mix Design Review (Speedie and Associates as a Sub-Consultant to Dibble)

1. Speedie and Associates will perform mix design reviews and coordination for P-401 AC.

G. ALP Update and 7460 Coordination (Nicholas J. Pela and Associates as a Sub-Consultant to Dibble)

1. Nicholas J. Pela and Associates, (NJP), will perform a review of the completed project and provide an update to the PRC ALP. NJP will also provide review, coordination, and submittal of any 7460 documentation required at the close of the project. A more detailed scope and fee by NJP is attached identifying the tasks to be completed.

H. Miscellaneous

1. Construction Administration support services by Dibble Engineering will be in addition to Construction Management performed by Oridian Construction Services. All inquiries provided by the Contractor or PRC will be fulfilled within 14 days of the date received by Dibble Engineering.
2. The Engineer will make monthly Progress Reports, including invoicing, to PRC in a format acceptable to PRC.

I. Exclusions

1. Construction Staking.
2. Environmental or Archeological services.
3. Quality Control testing.
4. Inspection of FAA-installed infrastructure.

Firm: Dibble Engineering
 On-Call Architectural/Engineering Services FY10-FY13
 Project: **RW 3R-211 Runway Safety Improvements**
 Construction Administration Services
 Prescott Municipal Airport, Ernest A. Love Field
 Date: 11/29/11

Contract Number: 2011-15
 AOS No. 3
 PRC Project Number: 2010 DB003
 Amendment Number: NA
 FAA Number: 3-04-0030-032&033-2011
 ADOT Number: E1F52 & E2F97



Dibble Engineering

		Dibble	Prescott Subs	Add'l Subs	DBE \$'s	DBE %
Summary						
Runway 21L-3R Runway Safety Improvements						
1	Dibble Base Fee.....	\$135,474.13	T&M			
2	Dibble Expenses.....	\$6,634.00	T&M			
3	Construction Management & Night-time Inspection (Oridian).....	\$182,314.00	T&M	\$182,314.00		
4	Airfield Civil Inspection and Earthwork Survey (CivilTec).....	\$94,021.00	T&M	\$94,021.00		
5	Storm Drain Inspections and Const. Admin (CivilTech).....	\$68,096.00	T&M	\$68,096.00		
6	Geotech Quality Assurance Testing (Nimyo & Moore).....	\$47,787.28	T&M	\$47,787.28		
7	Pavement Mix Design Reviews (Speedie & Associates).....	\$800.00	T&M	\$800.00		
8	Airfield Electrical Const. Admin. (CR Engineers)(DBE).....	\$73,931.80	T&M	\$73,931.80	73,931.80	
9	RW 21L-3R Construction Special Services (Nicholas J. Pela).....	\$10,500.00	T&M	\$10,500.00		
10	Instrument Procedure Construction Survey (Civiltec).....	\$28,856.00	T&M	\$28,856.00		
Total.....		\$648,414.21		\$142,108.13	\$238,760.28	\$73,931.80
				21.9%	36.8%	41.3%
					11.4%	11.4%

Firm:	Dibble Engineering	Contract Number:	2011-15
	On-Call Architectural/Engineering Services FY10-FY13	AOS No.:	3
PROJECT:	RW 3R-21L Runway Safety Improvements	PRC Project Number:	2010 DB003
	Construction Administration Services	Amendment Number:	NA
	Prescott Municipal Airport, Ernest A. Love Field	FAA Number:	3-04-0030-032&033-2011
DATE:	11/29/11	ADOT Number:	E1F52 & E2F97

DERIVATION OF COST PROPOSAL SUMMARY

A. BASIC FEE

Classification	Manhours	Direct Labor Rate	Labor Costs
1 Project Principal	12	\$57.60	\$ 691.20
2 Project Manager	366	\$49.04	\$ 17,948.64
3 Senior Engineer	80	\$40.38	\$ 3,230.40
4 Engineer	528	\$35.94	\$ 18,976.32
5 Designer	110	\$25.75	\$ 2,832.50
6 Assistant Engineer	0	\$26.06	\$ 0.00
7 RLS	0	\$23.72	\$ 0.00
8 Admin Assistant	36	\$18.00	\$ 648.00

Total 1132 hrs

a. Total Labor.....	\$44,327.06
b. Overhead at..... 177.84%	\$78,831.24
c. Subtotal Labor + Overhead.....	\$123,158.30
d. Net Fee..... 10.0% of c.	\$12,315.83
e. Base Fee Subtotal	\$135,474.13

B. ALLOWANCE FOR DIRECT COSTS (Dibble Engineering)

(Listed by Item at Actual Cost - NO MARKUP)

Item	Cost
1 Submittal Printing	\$ 520.00 T&M
2 Mileage	\$ 2,490.00 T&M
3 Per Diem.....	\$ 2,652.00 T&M
4 Hotel.....	\$ 972.00 T&M
f. Sub-Total Allowances for Direct Costs.....	\$6,634.00

C. ALLOWANCE FOR ADDITIONAL COSTS, OUTSIDE SERVICES & SUBCONSULTANTS

Item	Cost	Method of Compensation
1 Construction Management & Night-time Inspection (Oridian).....	\$ 182,314.00	Time-and-Materials
2 Airfield Civil Inspection and Earthwork Survey (CivilTec).....	\$ 94,021.00	Time-and-Materials
3 Storm Drain Inspections and Const. Admin (CivilTech).....	\$ 68,096.00	Time-and-Materials
4 Geotech Quality Assurance Testing (Ninyo & Moore).....	\$ 47,787.28	Time-and-Materials
5 Pavement Mix Design Reviews (Speedie & Associates).....	\$ 800.00	Time-and-Materials
6 Airfield Electrical Const. Admin. (CR Engineers)(DBE).....	\$ 73,931.80	Time-and-Materials
7 RW 21L-3R Construction Special Services (Nicholas J. Pela).....	\$ 10,500.00	Time-and-Materials
8 Instrument Procedure Construction Survey (Civiltec).....	\$ 28,856.00	Time-and-Materials

g. Sub-Total Allowance for Add'l Costs: \$506,306.08

D. TOTAL FEE

h. TOTAL FEE (e. + f. + g.) \$648,414.21

Firm:	Dibble Engineering	Contract Number:	2011-15
	On-Call Architectural/Engineering Services FY10-FY13	AOS No.	3
PROJECT:	RW 3R-21L Runway Safety Improvements	PRC Project Number:	2010 DB003
	Construction Administration Services	Amendment Number:	NA
	Prescott Municipal Airport, Ernest A. Love Field	FAA Number:	3-04-0030-032&033-2011
DATE:	28-Nov-11	ADOT Number:	F52 & E2F97

ESTIMATED MANHOURS									
TASK	PRINCIPAL IN-CHARGE	SR PROJECT MANAGER	SR. PROJECT ENGINEER	PROJECT ENGINEER	DESIGNER	ASSISTANT ENGINEER	CAD TECH	ADMIN ASSISTANT	TOTAL HOURS
1 Project Management & Admin.	8	40	10						58
2 Preconstruction Conference		8		8	2			2	20
3 Shop Drawing Reviews		10	20	90					120
4 RFI Reviews		20	30	90					140
5 Change Order Request Reviews	4	12		48					64
5 Weekly Site Visits/Meetings		160		160				20	340
6 Monthly Site Visits		96		96				6	198
7 Earthwork Quantity Verification			12		40			4	56
8 Prefinal & Final Inspections & Punchlists		16		16				4	36
9 Final Record Drawings			8		60				68
10 Final Engineer's Construction Report		4		20	8				32
11									0
12									0
13									0
14									0
15									0
16									0
17									0
TOTALS	12	366	80	528	110	0	0	36	1,132

Firm: Dibble Engineering	Contract Number: 2011-15
	AOS No. 3
PROJECT: RW 3R-21L Runway Safety Improvements	PRC Project Number: 2010 DB003
Construction Administration Services	Amendment Number: NA
Prescott Municipal Airport, Ernest A. Love Field	FAA Number: 3-04-0030-032&033-2011
DATE: 11/28/11	ADOT Number: E1F52 & E2F97

ESTIMATED ALLOWANCE FOR DIRECT COSTS

1. Reproduction

Miscellaneous Check Printing is included in operational overhead.

a. 1 Submittal of (Full-Size Bond Record Drawings)	114 sheets =	114 Sheets @	\$2.00 /sheet.....	\$228.00
b. 1 Submittal (True 1/2-size copies)	114 sheets =	228 Sheets @	\$0.50 /sheet.....	\$114.00
		2 per submittal of the entire set)		
c. 0 Submittal (Final Mylar submittal)	114 @	114 Sheets @	\$10.00 /sheet.....	\$0.00
d. 0 Plotting	@	114 Sheets @	\$1.50 /sheet.....	\$0.00
e. 0 Submittals for Spec Book (2 copies @ 300 pages each)	@	600 Sheets @	\$0.06 /sheet.....	\$0.00
f. 1 Submittals for Eng. Report (2 copies @ 60 pages each)	@	300 Sheets @	\$0.60 /sheet.....	\$180.00
			Total	\$522.00
			USE	\$520.00

2. Mileage

a. 28 Trips	@	200 Miles	@	\$0.445 /mile	\$2,492
				USE	\$2,490

3 Meals

a. 34 Days	@	\$ 39 /day	@	2 People	2,652.00
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4 Lodging

a. 6 Nights	@	\$ 81 /night	@	2 People	972.00
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TOTAL

\$6,634.00

EXHIBIT “B”

**Scope of Work
Construction Management and Inspection Services**

**Prescott Municipal Airport
Runway 3R-21L
Safety Area Improvements**

Definitions

Owner:	City of Prescott, hereinafter called Airport
Design Engineer:	Dibble Engineering, hereinafter called Engineer
Construction Manager:	Oridian Construction Services, LLC, (Oridian)

Section I – Pre-Construction Activities

Oridian shall perform the following services:

- Review project plans and specifications and prepare construction files.
- Conduct a pre-construction conference with the Contractor, Airport, Engineer, and representatives of utility companies, testing laboratories and other project stakeholders.
- Prepare and distribute the pre-construction meeting minutes.
- Review and document pre-construction field conditions with contractor.
- Review the Contractor’s initial project schedule and approve or request changes to the schedule, as necessary to meet the requirements of the contract documents.
- Review pre-construction contractor submittals, i.e. list of subcontractors & suppliers, long-lead items, SWPPP, traffic control plan, safety plan, emergency contact list, and all applicable permits required.

Section II – Construction Administration Activities

Oridian shall provide the following services:

- Log, track, and coordinate the review of contractor’s submittals, shop drawings, and requests for information (RFIs). Submittals or RFIs that require review by the Engineer will be forwarded to the appropriate party for review.
- Maintain files and documentation of all information related to the project including correspondence, submittals, RFIs, inspection reports, test reports, pay applications, progress schedules, meeting minutes, change orders, and job photos.
- Evaluate contractor requests for extra cost work, or time extensions and make recommendations to the AIRPORT regarding approval or rejection, based upon

our interpretation of the contract documents. Prepare contingency fund approval documents and final contract change order based on approved requests and field work orders.

- Monitor job progress and quantities of work completed, making at least twice-weekly job site visits, or as needed. Review Contractor's monthly pay applications with the Contractor for approval prior to forwarding to the AIRPORT for payment.
- Prepare weekly FAA Construction Progress Reports. Process certified payroll reports and DBE utilization reports as per FAA requirements.
- Conduct comprehensive pre-activity workshops with key contractor and inspection personnel prior to the start of work for all major activities; i.e. excavation, soil treatment, AC and PCCP paving, storm drain, etc.
- Monitor the Contractor's progress in relation to the approved project schedule. Notify the Contractor and AIRPORT of any deviations from the approved schedule which may cause a delay to the scheduled completion date. Request revised schedules when needed, to show progress in conformance with contract requirements. Review and provide comment to schedule updates submitted by the Contractor.
- Review Contractor's red-line "as-built" drawings on a weekly basis. Current, up-to-date red-line drawings will be a condition of an approved progress payment each month.
- Conduct weekly progress meetings at the job site to review the current schedule and work progress and to facilitate resolution of construction issues. Prepare minutes of the meetings for distribution to the attendees and project stakeholders.

Section III – Construction Inspection Activities

Oridian shall provide the following inspection services:

- Construction inspectors furnished as needed by Civil Tec for the purposes of providing construction inspection and surveillance of the contractor's work during all scheduled construction operations. Prepare a written daily report of activities and observations. Inspectors report directly to Oridian's project manager.
- Provide and coordinate the services of Ninyo & Moore material testing lab and field technicians as needed for the purposes of providing Quality Assurance materials sampling and testing.
- Monitor field testing, review materials test reports, and notify the Contractor of deficiencies in the work as indicated in the tests and reports.
- Maintain files for field inspection reports and test results.
- Enforce the contract documents regarding any special inspections, tests, and reports required to be provided by the Contractor.
- Monitor Contractor's compliance with the SWPPP and NPDES permit requirements for the project.

- Monitor traffic control and jobsite safety issues as evident during inspection visits. Report observed deficiencies to the Contractor for correction, with copy to AIRPORT. (Jobsite safety and compliance with OSHA requirements is the responsibility of the Contractor.)

Section IV – Project Close-Out Activities

Oridian shall provide the following services:

- Schedule and conduct a pre-final walk-through with the Contractor, Engineer and AIRPORT and prepare a punch list for the Contractor’s use prior to the final project walk-through.
- Prepare a Certificate of Substantial Completion when appropriate, as noted in the contract documents.
- Review Contractor red-line “as-built” drawings. Forward accepted red-line drawings to the Engineer for preparation of the record drawings.
- Receive and review O&M manuals, warranties, spare parts & materials, and other items required from the Contractor at project close-out. Forward to the Engineer for final review. Forward approved manuals and warranties to the AIRPORT.
- Conduct a final project walk-through with the Contractor and AIRPORT when appropriate.
- Review Contractor request for final payment, verify final quantities, and make recommendation to the AIRPORT for final payment.
- Prepare Final Construction Engineer’s Report in cooperation with Engineer.
- Submit required project documentation and certification to AIRPORT at completion.

DATE: 11/15/11
 FIRM: **Oridian Construction Services**
 PROJECT: **Prescott Municipal Airport RSA
 Construction Management Services**

CONTRACT NO.:
 PROJECT NO.: 121006

New Contract _____

DERIVATION OF COST PROPOSAL SUMMARY

ESTIMATED DIRECT LABOR

Classification	Estimated Manhours	Rate	Labor Costs
Project Manager	820	\$50.72	\$ 41,590
Resident Engineer	0	\$42.80	0
Senior Inspector	550	\$28.50	15,675
Building Inspector	0	\$0.00	0
Secretary/Clerical	0	\$0.00	0
	0	\$0.00	0
Total	1370		
Total Estimated Direct Labor			\$ 57,265

ESTIMATED ALLOWANCE FOR DIRECT COSTS

(Listed by Item at Estimated Actual Cost - NO MARKUP)

- 1. Lodging & Per Diem Allowance 10200
- 2. Mileage Allowance 3560

Sub-Total Allowances for Direct Costs \$ 13,760

SUBCONSULTANT SERVICES

Sub-Total Allowances for Subconsultants \$ 0

TOTAL ESTIMATED COST TO CONSULTANT

Estimated Direct Labor	\$	57,265
Overhead @ 167.58%	\$	95,965
Profit @ 10%	\$	15,323
Direct Costs	\$	13,760
Subconsultant Costs	\$	0

TOTAL ESTIMATED FEE **\$ 182,314**

FIRM: Ordian Construction Services

PROJECT Prescott Municipal Airport RSA
Construction Management Services

DATE: 11/15/11

ESTIMATED MANHOURS

PHASE	PROJECT MANAGER	RESIDENT ENGINEER	SENIOR INSPECTOR	BUILDING INSPECTOR	SECRETARY/ CLERICAL	TOTAL HOURS
Pre-Construction Activities	40					40
1) Preconstruction conference, project start-up						0
2) Document pre-construction site conditions						0
3) Process submittals, initial schedule, etc.						0
Construction Administration Activities	420					420
1) Process submittals, RFIs, etc.						0
2) Maintain project documentation						0
3) Evaluate potential changes and extras						0
4) Review and approve payment applications						0
5) Prepare FAA reports						0
6) Lead progress meetings, write reports						0
7) Conduct pre-activity workshops						0
8) Monitor schedule and budget						0
9) Coordinate with Engineer and Airport						0
Construction Inspection Activities	280		550			830
1) Oversee inspectors and review daily reports						0
2) Coordinate QA testing & special inspections						0
3) Enforce provisions of contract documents						0
4) Review QC and QA reports for compliance						0
Project Close-Out Activities	80					80
1) Pre-final and final inspections						0
2) Certificates of substantial and final completion						0
3) Review contractor as-builts for accuracy						0
4) Certify final pay quantities						0
5) Prepare final documentation & Engineer's Report						0
Project manager on -site average 2 days per week for 28 weeks.						0
Senior inspector for Phase 2 night shift: 55 working days @ 10 hours per shift.						0
Travel expense based on 80 days @ \$120.00 per day.						0
Mileage based on 8000 miles (40 miles per calendar day, average).						0
TOTALS	820	0	550	0	0	1,370



Civil Engineers and Land Surveyors
Prescott Phoenix

November 23, 2011

Kenneth L. Snyder, P.E.
Vice President
Dibble Engineering
7500 North Dreamy Draw Drive, Suite 200
Phoenix AZ 85020-4669

Subject: Scope of Services – Post Design and Construction Related Services - Runway 3R/21L
RSA Improvements – Prescott Airport.

Dear Mr. Snyder:

We are pleased to furnish this scope of services relative to airport improvements for Ernest A.
Love Field in Prescott, Arizona.

We will perform the following services associated with the construction of the project.

Phase 4 – Post Design Services - General

Task 1 – General Construction Inspection Services

Provide construction inspector for construction of site improvements and grading not including storm system. (For storm drain inspection services see below). It is anticipated that these services will cover inspection associated with phases 1, 4, 5, 6, 7, and 8 but not include phase 2 (night work) or phase 3. Inspection services are based on half-time inspection on the average for Construction Phase 1 and the assumption that Phases 3 and 4 will be constructed (and inspected) concurrently. It is also expected that Phase 5 will overlap a major portion of Phase 3, therefore one inspector will be provided for 115 working days (based on an 8 hour day) or 920 hours total, of which 644 hours are allocated to this task and 276 hours allocated to services outlined in Phase 5 task 9 (storm drain inspection for construction Phase 3) cited below.

Task 2 – Assist with Construction Report

Provide support data associated with construction inspection services for consultant's preparation of Final Construction Report.

Task 3 – Project Coordination - General

Management and coordination with Consultant, Construction Manager, Resident Engineer, and other team members as necessary.

Task 4 – Survey of as-graded site surfaces

Survey surface elevations and provide point data of south borrow site (before and after borrow), runway 3R end graded surface (after construction), infield grading (along storm drain alignment, not including trench cross sections), runway 21L end grading (after construction), and runway shoulders after grade has been brought up to within 3 inches of finished surface. Bottoms of removals along runway shoulders and other areas are not included herein.

Task 5 – Allowance for Survey of Bottleneck Stockpile

Survey surface elevations and provide point data of Bottleneck hangar stockpile area before and after stockpile activities.

Phase 5 – Post Design Services – Storm Drain Related Only

Task 1 – Attend one Pre-Construction Meeting

Attend one pre-construction meeting. Answer contractor questions and provide written responses to consultant and/or construction manager.

Task 2 – Review Shop Drawings

Review up to 15 shop drawing submittals related to storm drain system and appurtenances.

Task 3 – Respond to RFI's

Respond to up to 10 RFI's as they relate to storm drain system and appurtenances.

Task 4 –Periodic Engineer's Site visitation

Engineer will visit site on a periodic basis (up to 10 visits) to augment construction inspection, oversee field adjustments, and offer guidance for issues developing in the field as related to storm drain system construction.

Task 5 – Change order review

Review and offer advice for up to 4 contractor change order requests as they relate to storm drain system construction.

Task 6 –Pre-Final Punch List

Provide a pre-final punch list associated with storm drain related appurtenances.

Task 7 – Final Punch List

Provide a final punch list associated with storm drain related appurtenances.

Task 8 – Record Drawings

Assist consultant in preparation of storm drain system record drawings based on contractor's storm drain red lines.

Task 9– Construction Inspection

Provide construction inspector for construction of storm drain system. (Phase 3 of construction schedule). See Phase 4 task 1 above for hour estimates.

Task 10 – Project Coordination

Management and coordination with Consultant, Construction Manager and other team members as necessary. Attend up to 14 construction progress meetings.

Phase 6 – Post Design Services – Instrument Survey

Task 1 – Conduct additional survey work

Survey physical location of obstructions needed to prepare final data submittal to FAA for Instrument Procedure Development.

Task 2 – Data reduction and coordination

Reduce and coordinate data inclusion for updates of AGIS deliverables.

Task 3 – Update AGIS Deliverables

Update CADD drawings, FAA forms, report and data for submittal to FAA through its AGIS system.

Task 4 – Update AGIS Submittals

Update AGIS submittal based upon additional surveyed data.

Estimated hours and associated fees for the aforementioned services are attached on the accompanying spreadsheet.

If other services are needed which are above and beyond the scope of services outlined, a contract addendum will be issued. Invoices will be sent on a monthly basis for services completed or partially completed during the previous month. All invoices are net 30.

Thank you for the opportunity to be of helpful service.

CIVILTEC ENGINEERING, INC.



Richard Shroads, P.E., P.L.S., President

November 23, 2011
Project No. 603234002

Mr. Kenneth L. Snyder, P.E.
Dibble Engineering
7500 North Dreamy Draw Drive, Suite 200
Phoenix, Arizona 85020

Subject: Proposal Construction Materials Testing Services
Runway 3R-21L RSA Improvements
Prescott Municipal Airport
Prescott, Arizona

Dear Mr. Snyder:

In accordance with your request, we are pleased to submit this proposal to perform construction materials testing services at the existing Prescott Municipal Airport in Prescott, Arizona. This proposal summarizes our work scope, estimated fee, project assumptions and anticipated schedule for this project. Ninyo & Moore is capable of performing a wide variety of geotechnical and materials inspection and testing services including soils and aggregates, asphalt concrete, reinforced concrete, masonry, pre-stressed concrete, structural steel, welding, roofing, and fireproofing. Since 1986, Ninyo & Moore has grown to 14 offices in Arizona, California, Nevada, Colorado and Texas.

Ninyo & Moore laboratories are supervised by registered civil engineers and meet the requirements of ASTM E329, ASTM C1077, ASTM D3740, and ASTM D3666. Ninyo & Moore's testing equipment is calibrated annually by representatives utilizing equipment traceable to the National Institute of Standards and Technology, and is regularly inspected by the Cement and Concrete Reference Laboratory (CCRL) and AASHTO's Material Reference Laboratory (AMRL).

PROPOSED SCOPE OF SERVICES

The proposed scope of services includes but is not limited to the following:

- Remove 411.04' of RW 3R End and add it to the RW 21L
- Re-grade RW 21L End Drainage Basin
- Provide paved shoulders on RW3R-21L and portions of the connecting taxiways
- Underground storm drain pipe and electrical line backfill

- Place approximately 23,000 ton of asphalt
- Place approximately 43,000 CY of Lime Treated Subgrade
- Place approximately 43,000 CY of Cement Treated Base Course

Ninyo & Moore anticipates that the following services may be required during the construction phase:

- Field density testing of subgrade, subbase, fill and backfill soils, cement-treated base coarse, lime treated subgrade, and aggregate base course;
- Sampling, and testing during placement of concrete;
- Sampling, and testing during placement of asphaltic concrete;
- Laboratory testing of soil, cement-treated base coarse, lime treated subgrade, aggregate, concrete and asphaltic concrete materials;
- Project management, data processing and report review services of laboratory and field test reports.

FEE ESTIMATE

The fees for the services described herein will be accrued in accordance with the attached cost estimate. The cost for materials testing and inspection services is estimated to be around \$47,800 (Forty Seven Thousand Eight Hundred Dollars). Billing will be for the actual costs incurred, which will be directly determined by the needs of the client. Please note that our estimated fee does not include stand-by time, overtime, or costs associated with retesting or re-inspecting materials that were found not to be in compliance with the project plans or specifications.

While the attached estimate is based upon our review of the project schedule emailed to us November 16 and 22, 2011 and our prior experience with similar projects, our costs are ultimately determined by the schedules of your subcontractors and the frequency that Ninyo & Moore personnel are requested to the project site by your field representative.

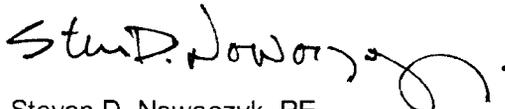
ASSUMPTIONS AND LIMITATIONS

We have made the following assumptions in the preparation of this proposal:

- Materials testing services will be provided on a time and materials basis
- Engineering Technician time will be billed on a portal to portal basis
- Overtime rates at 1.5 times the regular rates will be charged for all work performed in excess of 8 hours per day or 40 hours per week
- Lead time for and requested service is 24 hours
- Field technician rates are based on a 3-hour minimum for night work and a 2-hour minimum for daytime work
- Proposal is based on one field technician part time for 520 hours
- Field/lab technician required for 240 hours
- Project Manager and data processing will each be required two hours per week
- Estimated 8 sets of concrete cylinders

We appreciate the opportunity to submit this proposal and look forward to working with your firm.

Respectfully submitted,
NINYO & MOORE



Steven D. Nowaczyk, PE
Principal Engineer



Craig Rees
Senior Project Manager

ECR/SDN/clc

Attachments: Cost Estimate

Distribution: (1) Addressee (e-mail)

**COST ESTIMATE**

Project Name: Runway 3R-21L RSA Improvements - Schedule I
Location: Prescott, Arizona
Project No. 603234002

Field Services

Engineering Technician Lead	520	hours @	\$19.46	/hour	\$10,119.20
Engineering Technician Field/Lab	240	hours @	\$19.46	/hour	\$4,670.40
Project Engineer/Project Manager	40	hours @	\$28.37	/hour	\$1,134.80
Data Processing	40	hours @	\$18.38	/hour	\$735.20

Total Services Fee **\$16,659.60**

Overhead/Burden 155.00% **\$25,822.38**

Subtotal **\$42,481.98**

Profit 10.00% **\$4,248.20**

Subtotal **\$46,730.18**

Reimbursable

Vehicle Usage	115	trips @	20	miles/trip @	\$0.445	/mile	\$1,023.50
Concrete Cylinder Molds	8	sets @	4	cylinders/set @	\$1.05	/cylinder	\$33.60

Total Cost Estimate for Material Testing Services **\$47,787.28**

Assumptions:

- 1) Materials testing services will be provided on a time and materials basis.
- 2) Engineering Technician time will be billed on a portal to portal basis.
- 3) Overtime rates at 1.5 times the regular rates will be charged for all work performed in excess of 8 hours per day or 40 hours per week.
- 4) Lead time for and requested service is 24 hours.
- 5) Field technician rates are based on a 3-hour minimum for night work and a 2-hour minimum for daytime work.
- 6) Proposal is based on one field technician part time for 520 hours.
- 7) Field/lab technician required for 240 hours.
- 8) Project Manager and data processing will each be required two hours per week.
- 9) Estimated 8 sets of concrete cylinders.

SPEEDIE AND ASSOCIATES

Geotechnical • Environmental • Materials Engineers

www.speedie.net

November 16, 2011

Dibble Engineering
7500 N. Dreamy Draw Drive, Suite 200
Phoenix, AZ 85020

Attention: Mr. Ken Snyder

Re: PRC Runway Shift - Quote for Engineering Review Services
Proposal #40395SA

Dear Mr. Snyder,

Thank you for allowing Speedie and Associates to provide you with a proposal to provide the indicated services. We have prepared the following for your consideration.

Engineering Review Services	Unit Price	Quantity	Total
Asphalt or Concrete Mix Design Review (per submittal)	\$200.00	4	\$800.00
OVERALL TOTAL = \$800.00			

The fees shown are based on the quantities and schedule provided by your firm. Any additional or specialized testing or engineering services provided at your request will be billed according to our standard fee and rate schedule.

Please carefully review the information included. We appreciate the opportunity to submit this proposal for your consideration. If the terms set forth are satisfactory, please sign below and return an original for our records, or issue a work authorization.

Respectfully submitted,

APPROVED AND ACCEPTED

SPEEDIE & ASSOCIATES, INC.

For: Dibble Engineering



By: _____

Donald L. Cornelison, P.E.
Vice President

Date: _____



November 23, 2011

Dibble Engineering
7500 North Dreamy Draw Drive, Suite 200
Phoenix, Arizona 85020-4669

Attn.: Mr. Ken Snyder, P.E.

Re: Project Name: Prescott Airport Runway 3R/21L RSA Improvements
Project No.: 2010DB001
CRE Proposal No.: 10069SDC

We are pleased to present our revised proposal in the listed attachments below.

Scope of Work: See attached Exhibit A.

Fee Proposal: See attached Exhibit B.

This proposal will be valid for the next ninety (90) days, and we reserve the right to renegotiate it if it has not been accepted within that period. Should conditions of the work change so as to materially affect the level of effort or the time required, then equitable adjustments to fee and schedule will be made. Consultant will notify Client when a changed condition becomes apparent. Failure of Client to provide a timely and equitable adjustment is cause for termination by Consultant. The attached Terms & Conditions are a part of this proposal. Please feel free to call if you need to discuss them.

We will bill you for services rendered to date. Payment will be due within thirty (30) days of billing date.

Please do not hesitate to call if you have any questions.

Sincerely yours,

CR ENGINEERS, INC.

A handwritten signature in black ink, appearing to read 'Catherine Alcorn'.

Catherine Alcorn, P.E.
President

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SCOPE OF WORK

ERNEST A. LOVE FIELD/PRESCOTT MUNICIPAL AIRPORT RUNWAY 3R/21L RSA IMPROVEMENTS ELECTRICAL SERVICES DURING CONSTRUCTION

Prepared by CR Engineers, Inc.
NOVEMBER 23, 2011

PROJECT OVERVIEW

This proposal consists of electrical Construction Administration and Inspection of the following major items associated with this project as listed below:

1. Attend Pre-Construction Conference.
2. Review of Contractor electrical shop drawings, (estimated at approximately 20 submittals).
3. Responding to Requests for Information (RFI's) from the Contractor, (estimated at approximately 15 RFI's).
4. Occasional site visits to inspect critical work items. The total hours estimated for site visits have been based on the proposed phasing sequence and is detailed as follows:
 - Phase 1 - Basin Grading / Earthwork (RW 21L): N/A for electrical.
 - Phase 2 - Shoulders and infield grading: Consists of elevated Runway and Taxiway edge lights and reflectors, elevated RGL's, signs and bases removals, can adjustments / replacements and reinstalls etc...May include hand holes / cables cleanup (lid adjustments). Inspections estimated at two to three 8 or 9 hour nights a week. Multi-task with other concurrent phases would require inspector to rotate days / nights or short day and night shifts.
 - Phase 3 - Storm Drain installation: New 1-2" RGL extension to Taxiway D1 / C1, just below new SD may be installed during storm drain construction. Concurrent with phase 2 and 4. Multi-tasking with phase 2 if movement not too restricted.
 - Phase 4 - RW 3R end Construction: Includes temporary power, REIL relocations and construction of Taxiway D1 / C1 elevated and in-pavement edge lights, new signs and bases and RGL's with new cable installations. Inspections estimated at two to three days a week concurrent with phases 2 and 3.
 - Phase 5 - RW 21L end Construction: Includes temporary power, REIL relocations and construction of Taxiway D7 / C7 (plus Taxiway H) elevated and in-pavement edge lights, new signs and bases and RGL's with new cable installation. Inspection of relocation of APS service for the FAA glide slope and MAISR's shelter relocations. Inspections estimated at two to three days a week concurrent with end of phase 3.

- Phase 6 - RW 3R-21L / 12-30 Intersection paving. N/A N/A for electrical.
 - Phase 7 - TW E4 Reconstruction. N/A N/A for electrical.
 - Phase 8 - TW D and F (partial) lighting. May be concurrent with other phases, provided that high construction traffic poses risk of damage to new fixtures. Full inspection recommended for QA.
 - Additional Considerations - Electrical Vault work required including installation of new constant current regulators with testing and meggering; inspections of Contractor lockouts/tagout procedures; existing circuit tracing and identification; and inspection of testing and demonstration of the Crouse Hinds reconfiguration of the existing Airfield Lighting Control System.
 - Attendance to construction project meetings will be provided as part of the site inspections as needed.
5. Attend Pre-Final Punchlist walk-through and Final Inspection and provide input for inclusion on the pre-final and/or final punchlist.
 6. Prepare Final Record Drawings based on Contractor redlines and field changes issued during construction. Final document submittals will include updates to the Signage, Marking, and Lighting plans and Circuit Map Plans in the format approved by the City of Prescott.

City Project No.: **2010DB001**
Project Name: **Runway 3R/21L RSA Improvements - Services During Construction**
Date: **23-Nov-11**
CRE Project Number: **10069SDC**

FEES

Overhead Rate: 150 %
Profit Margin: 10 %

1.0 Construction Services Fees \$66,220.00

Total Fees \$66,220.00

ESTIMATED EXPENSES

Auto mileage (\$0.445/mile) \$4,111.80
(220 miles roundtrip: estimated at 42 trips)

Lodging (\$81/night per room) \$2,430.00
(estimated at 30 nights)

Meals (\$39/day per person) \$1,170.00
(estimated at 30 days)

Total estimated expenses \$7,711.80

GRAND TOTAL **\$73,931.80**

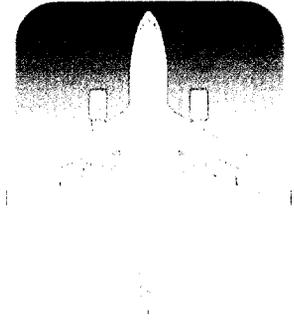
City Project No.: 2010DB001
 Project Name: Runway 3R/21L RSA Improvements - Services During Construction
 Date: 23-Nov-11
 CRE Project Number: 10069SDC

Task Description	Quantity	Project Manager, PE	Designer	Field Inspector	CADD Manager	Project Assistant	Total Hours
3.1 Phase I - Preconstruction	1	6.0		6.0			12.0
3.1.1 Preconstruction Conference							
3.2 Phase II - Construction	20	8.0	6.0	24.0		8.0	46.0
3.2.1 Submittal/Shop Dwg Review							
3.2.2 RFI Responses	15	6.0	8.0	24.0		8.0	46.0
3.2.3 Review Contractor's change orders and prepare approved change orders	2	4.0	4.0	4.0		2.0	14.0
3.2.4 Construction Meetings/Site Observation(s)		12.0	36.0	600.0		32.0	680.0
3.3 Phase III - Postconstruction							
3.3.1 Pre-Final Punchlist Walk Through, Prepare Pre-Final Punchlist		1.0		12.0		2.0	15.0
3.3.2 Final Punchlist Walk Through, Prepare Final Punchlist		1.0		10.0		1.0	12.0
3.3.3 Final Review of As-Builts Record Drawings		4.0		16.0	30.0	2.0	52.0
3.0 Totals		42.0	54.0	696.0	30.0	55.0	877.0

150 %
10 %

Overhead Rate
Profit Margin

Labor Rates Per Hour:	150 %	10 %
Direct Labor:	\$50.91	\$23.64
Overhead:	\$2,138	\$1,276
Overhead + Direct Lab:	\$3,207	\$1,915
(OH + Direct) x Profit:	\$5,345	\$3,191
	\$535	\$319
3.0 Total Fees	\$5,880	\$3,510
		\$25.45
		\$764
		\$1,145
		\$1,909
		\$191
		\$2,100
		\$16.73
		\$920
		\$1,380
		\$2,300
		\$230
		\$2,550
		\$66,220



nicholas j. pela & associates
airport consultants

November 23, 2011

Mr. Ken Snyder, PE, Vice President
Dibble Engineering
7500 N. Dreamy Draw Drive, Suite 200
Phoenix, Arizona 85020

RE: Ernest A. Love Field/Prescott Municipal Airport
Runway 3R/21L RSA Improvements - Construction Related Services
Scope of Services and Fee Estimate

Dear Ken:

Transmitted herewith is our Scope of Services and Fee Estimate proposal for subconsultant services on the Ernest A. Love Field/Prescott Municipal Airport Runway 3R/21L RSA Construction Phase Improvements project.

Thanks for the opportunity to be of service.

Sincerely,

NICHOLAS J. PELA & ASSOCIATES

Nicholas J. Pela, Senior Consultant

Attachments.



**Ernest A. Love Field / Prescott Municipal Airport
Runway 3R/21L RSA Improvements - Construction Phase
SCOPE OF SERVICES**

GENERAL

Nicholas J. Pela & Associates (NJP) will provide planning and technical support services to Dibble Engineering (Dibble) during the construction phase of the Runway 3R/21L RSA Improvements (the Project) at the Ernest A. Love Field / Prescott Municipal Airport (the Airport) in Prescott, Arizona.

With the exception of participation in project team meetings, client meetings and site visits, all work will be performed at NJP's offices unless specified to the contrary herein.

Work will be performed under the direction of Dibble in accordance with the most current Federal Aviation Administration (FAA) Western-Pacific Region and Arizona Department of Transportation (ADOT) requirements.

The execution of the tasks included in this Scope of Services will be coordinated with Dibble's project schedule.

Task 0001: Project Initiation

This Task will include NJP's internal project setup as well as research and study of available relevant data pertaining to the Project. This Task also includes preparation for and participation in an initial project team meeting at the Dibble offices prior to the beginning of construction related tasks.

Task 0002: General Project Coordination and Meetings

This task will include the following work:

- a) Day to day coordination with the FAA, Dibble, ADOT, and the Airport where requested regarding grant funding issues, related work being performed by others, responding to questions and requests for information, and coordination with other ongoing Airport projects.
- b) Coordination, update, and/or preparation, of additional information for FAA Forms 7460/7480 submittals.
- c) Requested participation in project related meetings. One meeting at the Dibble office in Phoenix and one meeting at the Airport are included in this Task.

Task 0003: Airport Layout Plan Modifications

NJP will perform a review of the completed construction project and provide final modifications to the Draft Airport Layout Plan (ALP) that was prepared during the design phase, as well as preparation of additional related work items that have been requested by the Airport. This Task will include the following elements:

- a) Perform a site review at substantial completion of construction of the major improvements. Verify that the new improvements to be constructed with this project that are currently depicted on the Draft ALP accurately reflect actual as-constructed conditions prior to submittal of the ALP to the FAA.

nicholas j. pela & associates



**Ernest A. Love Field / Prescott Municipal Airport
Runway 3R/21L RSA Improvements - Construction Phase
SCOPE OF SERVICES**

- b) Revise the Exhibit A - Property Map drawing to include recent title acquisitions, as was requested by the Airport. The revisions will be based on title and legal descriptions to be provided by the Airport.
- c) Prepare a list describing the major revisions that have been made to the ALP since its last approval by the FAA.
- d) Prepare an updated 5010 map for submittal to FAA as part of the master record update by the Airport.
- e) A new draft ALP will be provided to Dibble for review, comments will be addressed by NJP, and the final revised ALP will be provided to Dibble for submittal to the Airport for review, and to the FAA for review and revalidation. The Airport's comments on the draft ALP will be addressed by NJP prior to submittal to the FAA. Final FAA comments on the draft ALP will be addressed by NJP prior to final submittal for approval.

Additional ALP revisions, modifications, or updates that are not associated with the Project may be incorporated if necessary, if requested by the Airport, by amendment of NJP's subconsultant agreement.

Task 0005: DBE Program Reporting

NJP will prepare the Airport's Uniform Report of DBE Commitments/Awards and Payments form for 2011, as well as creating an updatable Bidders List database (using Microsoft Access). The database will consist of information about all DBE and non-DBE firms that bid or quote on DOT-assisted contracts. The purpose of database is to allow use of the bidders' list approach to calculating overall goals in future DBE Program updates. The database will include the name, address, DBE non-DBE status, age, and annual gross receipts of firms.

PROJECT BUDGET SUMMARY - Nicholas J. Pela & Associates

Date: 23-Nov-11
Client Name: Dibble Engineering
Project Name: Ernest A. Love Field RSA Improvements (CA Phase)

Project No: PRC.005
SOQ No: PRC.000
Client No: Dibble

TASK	DESCRIPTION	BUDGET						Total Billing Value
		Labor X Multiplier	MH	LABOR	Direct Costs	Subconsultants		
000	Unassigned							
1	0001 Project Initiation	\$ 950.40	6.0 \$	360.00 \$	49.60		\$ 1,000.00	
2	0002 General Project Coordination and Meetings	\$ 3,801.60	24.0 \$	1,440.00 \$	198.40		\$ 4,000.00	
3	0003 Airport Layout Plan Modifications	\$ 3,880.80	32.0 \$	1,470.00 \$	319.20		\$ 4,200.00	
4	0004 DBE Program Reporting	\$ 1,267.20	8.0 \$	480.00 \$	32.80		\$ 1,300.00	
5								
6								
7								
8								
9								
10								
11								
12								
Multiplier:		\$ 9,900.00	70.0 \$	3,750.00 \$	600.00		\$ 10,500.00	
Multiplier:		2.64					PHX	