

RESOLUTION 2012 - 65

**A RESOLUTION OF THE CITY COUNCIL OF THE
CITY OF SUNNYSIDE, WASHINGTON, APPROVING
AGREEMENT FOR PROFESSIONAL ENGINEERING
SERVICES WITH REID MIDDLETON
(Airport Consultant Services - AWOS Project)**



WHEREAS, the City of Sunnyside City Council has previously authorized Reid Middleton to perform engineering services for the design and construction of an Automated Weather Observation System (AWOS) III at the Sunnyside Municipal Airport through adoption of Resolution 2011-50; and

WHEREAS, the City Council finds and determines that the proposed scope of work is supplemental to the original work performed by Reid Middleton as approved in Resolution 2011-50 and should be approved; and

WHEREAS, the City Council has previously accepted funding for the project from the Federal Aviation Administration (FAA) through passage of Resolution 2011-67; and

WHEREAS, the City Council finds and determines that such approval is in the best interests of residents of the City of Sunnyside and will promote the general health, safety and welfare.

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF SUNNYSIDE, WASHINGTON, as follows:

SECTION 1. That the agreement for professional engineering and consulting services for the Sunnyside Municipal Airport Automated Weather Observation System (AWOS) III Design, Maintenance Plan, Construction Administration, and Commissioning Inspection with Reid Middleton, which agreement is attached hereto as Exhibit "A" and incorporated herein by this reference, is hereby approved; and the City Manager is hereby authorized to execute and administer such agreement for and on behalf of the City of Sunnyside.

SECTION 2. This Resolution shall be effective upon passage, approval and signatures hereon in accordance with law.

PASSED this 27th day of August, 2012.


MIKE FARMER, MAYOR

ATTEST:


DELILAH SAENZ, CITY CLERK

APPROVED AS TO FORM:


MENKE JACKSON BEYER EHLIS & HARPER, LLP
Attorneys for the City of Sunnyside

August 1, 2012
File No. 232011.014

RECEIVED
AUG 07 2012

CITY OF SUNNYSIDE

Mr. Shane Fisher
City of Sunnyside
818 East Edison Avenue
Sunnyside, WA 98944

Reference: (1) Agreement for Professional Services, dated July 12, 2011
Sunnyside Municipal Airport, AWOS Design, Benefit – Cost
Analysis Only

(2) Supplement No. 1, AWOS Site Selection Study, signed
November 15, 2011

Subject: Supplement No. 2, AWOS Maintenance Plan, Design, Construction
Admin, and Commissioning Inspection

Dear Mr. Fisher:

We are pleased to submit the following proposal for the AWOS Maintenance Plan, Design, Construction Admin, and Commissioning Inspection. This letter serves as a supplement to our referenced agreement. The terms and conditions established by the agreement are unchanged except as noted below.

A. SCOPE OF SERVICES

See Exhibit A, Scope of Services.

B. COMPENSATION

1. For services described in Exhibit A, Item B.1 (Maintenance Plan), Reid Middleton shall be paid the lump sum fee of \$3,560.
2. For services described in Exhibit A, Item B.2 (Design Engineering), Reid Middleton shall be paid the lump sum fee of \$55,353.
3. For services described in Exhibit A, Item B.3 (Construction Administration), Reid Middleton shall be paid on a "time-plus-expenses" basis using the rates indicated in the agreement. We estimate the fee for this portion of the services to be \$27,767.

WASHINGTON

728 134th Street SW
Suite 200
Everett, WA 98204
Phone: 425 741-3800
Fax: 425 741-3900

ALASKA

4300 B Street
Suite 302
Anchorage, AK 99503
Phone: 907 567-3439
Fax: 907 561-5119

EXHIBIT "A"

Mr. Shane Fisher
City of Sunnyside
August 1, 2012
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- 4. For services described in Exhibit A, Item B.4 (Commissioning Inspection), Reid Middleton shall be paid the lump sum fee of \$2,430.

We request the budget for the project be increased \$89,110 to reflect this revised scope of services. The amended total for the agreement inclusive of all supplements is increased from \$21,340 to \$110,450.

We appreciate the opportunity to submit this proposed supplemental agreement. The terms of this agreement will become effective when confirmed by your signature within 30 days. If you wish to pursue this project after that time, this agreement may then be renegotiated. If the terms are acceptable, please sign your acceptance below and return one executed copy to Reid Middleton.

If you have any questions or comments please call Karla Kendall or me.

Sincerely,

Reid Middleton, Inc.



Kurt M. Addicott, P.E.
Director, Airport Group

ACCEPTED:

City of Sunnyside

By _____

Title _____

Date _____

Attachment

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Exhibit "A"
Engineering Scope of Services

**CITY OF SUNNYSIDE
SUNNYSIDE MUNICIPAL AIRPORT
AWOS Maintenance Plan, Design, Construction Administration
and Commissioning Inspection**

A. PROJECT UNDERSTANDING

This project consists of acquisition and installation of a proposed AWOS III-P unit for the Sunnyside Municipal Airport. Supplement No. 1 provided for a site selection study for the purpose of recommending an acceptable site to install the AWOS III-P unit. The recommended site was approved by the FAA. A 7460 form was completed, submitted, and approved by the FAA. For a continuous broadcast system, a new Unicom frequency must be obtained from the FAA. A maintenance plan must also be put in place and approved by the FAA. Finally, a design will be assembled to install and commission the AWOS III-P unit.

B. SCOPE OF SERVICES

1. **MAINTENANCE PLAN (MOA, OMM)** - to be provided on a lump sum compensation basis.

A maintenance plan is required to show how the AWOS III-P system will be maintained to meet FAA requirements.

- a. Provide project administration (assume six weeks FAA review time, three months total time).
- b. Develop Memorandum of Agreement (MOA) and Operations Maintenance Manual (OMM). Complete OMM application provided by the FAA and submit to the City for review.
- c. Respond to City questions and comments.
- d. Revise OMM plan as requested.
- e. Submit revised OMM plan and request for appointing maintenance technician to the FAA for review and comment.

EXHIBIT "A"

- f. Respond to FAA questions and comments to the OMM.
 - g. Revise maintenance plan as requested and resubmit to the FAA.
2. **DESIGN** - to be provided on a lump sum compensation basis.

Once a site has been accepted by the FAA, civil and electrical design and specification bidding documents will be developed for the acquisition and installation of the AWOS III-P system.

- a. Provide project administration and management of Reid Middleton staff (assume three weeks FAA review time, two months design time, total of three months time frame).
- b. Coordinate with the City.
- c. Coordinate with FAA and WSDOT Aviation.
- d. Provide project administration and management of subconsultant, including coordination.
- e. Perform topographic site survey of the recommended site (150 feet by 150 feet) and the existing gravel road from State Route 241 (approximately 1,000 feet long). The survey will identify the boundary limits around gravel road AWOS area (150 feet by 150 feet). A legal description will be written to support the City in developing a lease agreement with the Port for the site. Preparing, processing, and recording the easement document is not included within this scope of work, but will be performed by the City.
- f. Develop system communications plan.
- g. Develop Engineer's Design Report.
- h. Develop 50 percent site grading design, design of a gravel access road to improve the existing gravel road, design of a security fencing system around the AWOS unit, and drainage design and drawings.
- i. Develop 50 percent AWOS system and electrical design and drawings.
- j. Develop 50 percent specifications for general provisions, special provisions, bid specifications, site development technical specifications and AWOS system and electrical technical specifications.

EXHIBIT "A"

- k. Develop 50 percent construction cost estimate.
- l. Conduct site visit to verify design document consistency of 50 percent design.
- m. Prepare and assemble a package of 50 percent plans, specifications, and Engineer's opinion of probable construction cost to submit for review by the City, FAA, and WSDOT Aviation (one set each) for review and comment.
- n. Receive written review comments from the City, FAA, and WSDOT Aviation. Respond to 50 percent comments and questions and incorporate requested changes into design documents.
- o. Prepare and assemble 100 percent construction contract plans.
- p. Develop 100 percent AWOS system and electrical design and drawings.
- q. Develop 100 percent specifications for general provisions, special provisions, bid specifications, site development technical specifications and AWOS system and electrical technical specifications.
- r. Prepare 100 percent construction quantities and Engineer's opinion of probable construction costs.
- s. Conduct site visit to verify design document consistency of 100 percent construction contract plans.
- t. Submit 100 percent design documents to the City, FAA, and WSDOT Aviation for review and comment.
- u. Respond to 100 percent comments and questions and incorporate requested changes into design documents.
- v. Prepare and furnish City with five sets of 11" x 17" plan sets and specification bid documents for distribution to bidders. Plans and specifications will also be posted to the Builder's Exchange web site. Reid Middleton will also furnish 11" x 17" plan sets and specifications to FAA (one set), WSDOT Aviation (one set), and the Reid Middleton design team (four sets) for a total of 11 sets.
- w. Furnish City with project description for use in advertising for bids.

3. **CONSTRUCTION ADMINISTRATION** – Construction phase engineering will be provided on a time-plus-expense compensation basis at standard billing rates to match the level of effort needed on the project.

The level of effort needed will depend on factors that cannot be fully defined at the outset of the project such as the final scope of work, the length and intensity of the contractor's construction schedule, the quality of the construction work produced, field conditions encountered on the site, and weather conditions which can influence schedule and quality. It is assumed for the purpose of establishing an initial construction phase engineering budget that the project will be constructed in a single phase by one prime contractor over a continuous period of an assumed four weeks beginning with the pre-construction conference. The level of effort assumed for resident engineering in the initial budget is 40 hours.

- a. Administration and Construction Management - the Consultant will manage and coordinate the activities for construction of the project. Activities will include management, preparation of progress documentation, plan interpretation, construction submittals, preparation and/or review of change orders, and assistance with and review of progress estimates. The Consultant will coordinate with City staff and the FAA to facilitate project progress.
- b. Bid Assistance - the Consultant will assist the City in soliciting, responding to questions, and evaluating construction bids.
 - (1) Bidding Questions - the Consultant will assist the City in responding to contractor questions and interpretations of contract documents during bidding.
 - (2) Pre-bid Conference - the Consultant will attend the pre-bid conference and assist the City in conducting a pre-bid conference. The Consultant will prepare a meeting agenda, present an overview of the project during the meeting, and record attendance. The City shall provide the meeting facility. The Consultant will respond in writing to questions raised during the conference.
 - (3) Addendum Preparation - the Consultant will assist the City, as requested, in preparing any required addenda to the contract bid documents. Preparation of one addendum has been budgeted for this task. The Consultant will provide any addenda to the City for distribution.

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- (4) Bid Analysis, Evaluation, and Recommendation - the Consultant will assist the City in evaluating bids. Consultant will evaluate and assist in preparation of tabulation of bids received. Consultant will contact low bidder references and prepare an award recommendation letter to the City and FAA. The Consultant will prepare construction contracts as required by the FAA.
 - (5) Construction Contract Preparation - the City shall distribute and track construction contract document distribution, collect document fees, distribute addenda and pay related distribution costs, and distribute bid tabulation. The Consultant will attend and facilitate bid opening.
- c. Construction Assistance - the Consultant will provide construction assistance during the period of construction. A maximum construction duration of four weeks is budgeted.
- (1) Pre-Construction Meeting – the Consultant will attend and assist the City in conducting the pre-construction meeting. The City shall provide the meeting facility. The Consultant will develop the meeting agenda, presentation materials and record attendance. The Consultant will respond in writing to questions raised during the conference.
 - (2) Construction Coordination (Management) - Consultant will manage and coordinate staff and subconsultants' team members for the duration of the construction project. Consultant will keep the City and FAA apprised of progress and issues arising that require City decision and direction. For budgeting purposes the fee estimate assumes off-site coordination by Reid Middleton of 10 days at one hour per day.
 - (3) Coordination with Contractor, Onsite Field Engineering (Construction Observation) - Consultant will provide one onsite field check during the duration of the project. Construction observer will observe the construction activities that have been constructed since the previous site visit to see that the contractor is meeting the requirements in the contract documents. Reid Middleton and the subconsultant shall not be responsible for construction means, methods, techniques, sequences, quality, procedures, or safety precautions and programs in connection with the work. Such responsibility shall rest with the Contractor. For

EXHIBIT "A"

budgeting purposes, the fee estimate assumes on-site observation by Reid Middleton for 12 hours per the day visit.

- (4) Progress Estimate Review - Consultant will review contractor monthly pay requests, prepare monthly contractor progress estimates, and prepare and submit consultant services progress reports and invoices.
 - (5) Interpretations, Field Directives and Construction Submittals - Consultant will provide technical assistance to clarify and interpret the contract documents when requested by the City or Contractor. Consultant will review and respond to requests of information (RFIs) and prepare construction change directives (CCDs). Consultant will accept, log, review, and distribute the contractor's submittals, including shop drawings for compliance with the project plans and specifications.
 - (6) Prepare/Review Change Orders - Consultant will coordinate with the City and the FAA regarding issues requiring change orders (CO) and, when requested by the City, prepare or assist in preparation of CO documents and necessary revisions to the drawings and specifications.
 - (7) Consultant will provide a weekly payroll record review to assist in assurance that correct pay rates are being utilized by the contractor.
 - (8) Consultant will maintain a log of observations for each site visit and prepare weekly FAA reports on construction progress.
 - (9) Final Inspections - Consultant will conduct one final project walk-through with the City, Contractor, and FAA, of the completed construction project. The Consultant will prepare a final punch list and coordinate with the contractor the items needing to be addressed.
 - (10) In addition to construction observation, Consultant will provide on-site Quality Assurance coordination and observation for base rock and concrete pad placement.
- d. Contract Document Project Closeout - Consultant will prepare project closeout report documentation for City and FAA approval per FAA requirements including the following:

EXHIBIT "A"

- (1) Record Drawing preparation
- (2) Final project report
- (3) Payroll record review

- e. Consultant will visually inspect and verify the constructed improvements and prepare record drawings from the Contractor's red-line mark ups drawings. Record drawings of the construction plans will be prepared and submitted to the City and FAA. One half-size (11" x 17") set of record drawings and one CD with the electronic record drawing shall be provided to both the City and the FAA.

4. COMMISSIONING INSPECTION

- a. Schedule and coordinate Commissioning Inspection.
- b. Coordinate with City, FAA, and WSDOT Aviation to provide required documentation.

C. ASSUMPTIONS

The scope of services and estimated fees are based on the following assumptions:

1. Sunnyside Municipal Airport will not change status from VFR to IFR.
2. Plans will be prepared in AutoCAD. Contract provisions and specifications will be prepared in Word. Engineer's Estimate of Probable Construction Cost will be prepared in Excel.
3. City of Sunnyside review time will not exceed one week.
4. City of Sunnyside will prepare and submit FAA Grant Reimbursement Requests.
5. Only one grant application will be submitted for this project.
6. If assumed review times are exceeded, the Consultant will be eligible for additional compensation.
7. Additional services not included in the scope of services and fee estimate and requested by the City will be included in a subsequent engineering supplement. Additional services necessary and/or unforeseen circumstances needed to support construction operations will be discussed with the City and with approval will be included in a subsequent engineering supplement.

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8. Permits required for construction, such as grading, are not included in the scope of services or fee estimate. They will be the responsibility of the contractor.
9. The FAA will not require environmental or cultural resource support on this project.
10. City of Sunnyside will prepare and coordinate the SEPA process, if required.
11. Each item of work will go through one iteration of comments from the City, the FAA, and WSDOT Aviation.
12. It is assumed that a Construction Management Plan is not required.
13. The topographic survey for design of the AWOS site shall consist of the site recommended in the Site Selection Study and the access road from State Route 241 to the recommended site along the existing gravel road (approximately 1,000 feet long). A legal description of the proposed easement area will be prepared. Preparing, processing, and recording the easement document is not included within this scope of work, but will be performed by the City.
14. The geotechnical information used for design of the AWOS site shall be based on the data and recommendations prepared in the HWA GeoSciences report for the Parallel Taxiway Relocation project, dated June 26, 2009.
15. The plan set will include a Safety and Phasing Drawing. A Construction Safety and Phasing Plan document will not be prepared.
16. No more than four civil plan sheets are included in this fee.
17. Revisions to the Airport Layout Plan (ALP) are limited to the addition of the improvements constructed under this project.
18. Construction engineering wage rates are based on rates in effect July 1, 2012. Weekly construction meetings will not be required for this project.
19. Construction surveying is to be provided by the Contractor.
20. Utility location will be taken from drawings furnished by the City and from information provided by "Dial-A-Dig." The Contractor shall ultimately be made responsible for utility location.
21. Contaminated soil investigation, handling, and disposal are not included.

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- 22. Project design does not include replacement or renovation of other existing electrical system features.
- 23. The electrical subconsultant (Dinter) will attend the onsite commissioning inspection and prepare notes on behalf of Reid Middleton. Reid Middleton will not attend the onsite commissioning inspection.
- 24. There will be only one set of bid documents.
- 25. Plans and contract documents will be developed in accordance with applicable FAA advisory circulars including:

AC 150/5220-16D Automated Weather Observing Stations (AWOS)
for Non-Federal Applications

AC 150/5300-13 Airport Design

AC 150/5370-2F Operational Safety on Airports During
Construction

PROPOSED SCHEDULE

ITEM	TASK TIME	FAA REVIEW/ INSPECTION	INCORPORATE COMMENTS	TOTAL TASK TIME	PROPOSED DATES
Site Selection	1 month	3 months	1 month	5 months	11/11- 3/12
MOA / OMM	6 weeks	6 weeks	1 month	3 months	9/11 – 2/12
Site and Equipment Installation Design	6 weeks	2 weeks	1 month	3 months	1/12 – 3/12
Bidding	TBD	TBD	TBD	TBD	6/12
Site Construction	TBD	TBD	TBD	TBD	7/12-8/12
Equipment Installation	TBD	TBD	TBD	TBD	8/12
Commissioning Inspection	TBD	TBD	TBD	TBD	9/12

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EXHIBIT "A"



Summary of Estimated Fees

PROJECT:
CLIENT:
JOB NUMBER:
DATE:

Sunnyside Municipal Airport - AWOS System
City of Sunnyside
232011.913.005
07/13/12

PROJECT TASK	Principal	Principal	Sr	Project	Designer	Tech	Designer	Proj	Survey	TOTAL	PROJECT
	\$225	\$190	\$175	Eng	II	Writer II	I	Admin	Crew 2		
	KA	RJ	RH	MC/KK	WB/VC	VF	MH	KB			
1. MAINTENANCE PLAN											
a Project Administration	0	0	0	2	0	0	0	0	0	2	\$290
b Develop MOA & OMM	0	0	0	10	0	2	0	0	0	12	\$1,670
c Respond to City questions & comments	0	0	0	2	0	0	0	0	0	2	\$290
d Revise Maintenance Plan	0	0	0	2	0	1	0	0	0	3	\$400
e Submit revised Maint. Plan/Request for appointing Maint Tech.	0	0	0	1	0	1	0	0	0	2	\$255
f Respond to FAA comments to Maint. Plan	0	0	0	2	0	1	0	0	0	3	\$400
g Revise & Resubmit Maint. Plan	0	0	0	1	0	1	0	0	0	2	\$255
Subtotal - Labor	0	0	0	20	0	6	0	0	0	26	\$3,560
EXPENSES:											
Mileage (Round Trip)	0	Trips @ 400		Miles @	\$0.555						\$0
Travel:											
Meals/Per Deim	Cost/Unit		Days								
Lodging	\$0		0								
Other	\$0		0								
Misc. Expenses:											
Fax											\$0
Telephone											\$0
Postage											\$0
Printing											\$0
Field Supplies											\$0
Processing Fee - Percentage of Expenses				10%						\$0	
Subtotal - Expenses											\$0
SUBCONSULTANTS:											
Handling Fee - Percentage of Subconsultants				10%						\$0	
Subtotal - Subconsultants											\$0
Total Maintenance Plan											\$0
	Lump Sum										\$3,560

EXHIBIT "A"



Summary of Estimated Fees

PROJECT: Sunnyside Municipal Airport - AWOS System
 CLIENT: City of Sunnyside
 JOB NUMBER: 232011.014
 DATE: 07/13/12

PROJECT TASK	Principal	Principal	Sr	Project	Designer	Tech	Designer	Proj	CADD	TOTAL	PROJECT
	\$225	\$190	\$175	\$145	\$110	\$110	\$95	\$90	\$110		
	KA	RJ	RH	MC/KK	WB/VC	VF	MH	KB	GM	HRS	COST
2. DESIGN ENGINEERING											
a Project Administration	2	0	0	8	0	0	0	4	0	14	\$1,970
b Coordination with City	0	0	0	6	0	0	0	0	0	6	\$870
c Coordination with FAA & WSDOT Aviation	0	0	0	9	0	0	0	0	0	9	\$1,305
d Coordination with Subconsultants	1	0	0	5	0	0	0	0	0	6	\$950
e Site Survey & Legal Description (See Survey Sub below)	0	0	0	0	0	0	0	0	0	0	\$0
f Develop System Communications Plan	0	0	0	8	0	2	0	0	0	10	\$1,390
g Develop Engineer's Design Report	0	0	0	12	0	4	2	0	2	20	\$2,590
h Develop 50% Design & Prepare Drawings	0	0	0	8	0	0	12	0	16	36	\$4,060
i Develop 50% AWOS System/Electrical Design & Drawings (see Dinter below)	0	0	0	0	0	0	0	0	0	0	\$0
j Develop 50% Specifications	0	0	0	16	0	8	0	0	0	24	\$3,200
k Develop 50% Construction Cost Estimate	0	0	0	2	4	0	0	0	0	6	\$730
l Conduct Site Visit to Verify 50% Design (1 trip)	0	0	0	12	0	0	0	0	0	12	\$1,740
m Assemble & Submit 50% Design Documents for Review	0	0	0	2	0	4	0	0	2	8	\$950
n Respond to 50% Review Comments	0	0	0	6	0	0	4	0	0	10	\$1,250
o Develop 100% Design & Prepare Drawings	0	0	0	8	0	0	12	0	16	36	\$4,060
p Develop 100% AWOS System/Electrical Design & Drawings (see Dinter below)	0	0	0	0	0	0	0	0	0	0	\$0
q Develop 100% Specifications	0	0	0	16	0	12	0	0	0	28	\$3,640
r Develop 100% Construction Cost Estimate	0	0	0	4	2	0	0	0	0	6	\$800
s Conduct Site Visit to Verify 100% Design (1 trip)	0	0	0	10	0	0	0	0	0	10	\$1,450
t Assemble & Submit 100% Design Documents for Review	0	0	0	2	0	4	0	0	4	10	\$1,170
u Respond to 100% Review Comments	0	0	0	6	0	0	4	0	0	10	\$1,250
v Prepare & Provide Bid Documents	0	0	0	2	0	0	0	0	2	4	\$510
w Prepare & Provide Bid Advertisement	0	0	0	1	0	1	0	0	0	2	\$255
Subtotal - Labor	3	0	0	143	6	35	34	4	42	267	\$34,130
EXPENSES:											
Mileage (Round Trip)	2	Trips @	400	Miles @	\$0.555						\$444
Travel:	Cost/Unit	Days									
Meals/Per Diem	\$0	0									\$0
Lodging	\$0	0									\$0
Other											\$0
Misc. Expenses:											
Fax											\$20
Telephone											\$20
Postage											\$50
Printing											\$50
Field Supplies											\$50
Processing Fee - Percentage of Expenses				10%							\$19
Subtotal - Expenses											\$653
SUBCONSULTANTS:											
Dinter (Electrical Subconsultant)											\$14,700
Site Survey and Legal Description for Easement											\$4,000
Handling Fee - Percentage of Subconsultants				10%							\$1,870
Subtotal - Subconsultants											\$20,570
Total Design Engineering					Lump Sum						\$55,353

EXHIBIT "A"

PROJECT: Sunnyside Municipal Airport - AWOS System
 CLIENT: City of Sunnyside
 JOB NUMBER: 232011.014
 DATE: 07/13/12

PROJECT TASK	Principal	Principal	Sr	Project	Designer	Tech	Designer	Proj	CADD	TOTAL	PROJECT
	\$225	\$190	\$175	\$145	\$110	\$110	\$95	\$90	\$110		
	KA	RJ	RH	MC/KK	WB/VC	VF	MH	KB	GM		
3. CONSTRUCTION ADMIN											
a Administration & Construction Management	2	0	0	8	0	0	0	4	0	14	\$1,970
b Bid Assistance											
(1) Respond to Bidder Questions	0	0	0	4	0	1	0	0	0	5	\$690
(2) Attend Pre-Bid Conference (1 trip)	0	0	0	12	0	0	0	0	0	12	\$1,740
(3) Addendum Preparation (Assume one)	0	0	0	2	0	2	0	0	2	6	\$730
(4) Bid Analysis, Evaluation, & Recommendation	0	0	0	4	0	4	0	0	0	8	\$1,020
(5) Construction Contract Preparation	0	0	0	1	0	8	0	0	0	9	\$1,025
c Construction Assistance											
(1) Attend Pre-Construction Conference (1 trip)	0	0	0	12	0	2	0	0	0	14	\$1,960
(2) Construction Coordination	2	0	0	8	0	0	0	0	0	10	\$1,610
(3) Coordination with Contractor, Onsite Field Observation (1 trip)	0	0	0	12	0	0	0	0	0	12	\$1,740
(4) Progress Estimate Review	0	0	0	4	0	0	0	0	0	4	\$580
(5) Respond to RFIs and CCDs	0	0	0	4	0	0	0	0	0	4	\$580
(6) Prepare/Review Change Orders	0	0	0	4	0	0	0	0	0	4	\$580
(7) Weekly Payroll Record Review	0	0	0	0	0	0	4	0	0	4	\$380
Maintain Log of Observations & Prepare											
(8) Weekly FAA Reports	0	0	0	4	0	0	0	0	0	4	\$580
(9) Final Inspection (1 trip)	0	0	0	12	0	0	0	0	0	12	\$1,740
(10) Onsite Quality Assurance Coordination for AWOS Pad Placement (1 trip)	0	0	0	12	0	0	0	0	0	12	\$1,740
d Project Closeout											
(1) Record Drawing Preparation	0	0	0	2	0	0	0	0	8	10	\$1,170
(2) Final Project Report	0	0	0	20	0	4	0	0	4	28	\$3,780
(3) Payroll Record Review	0	0	0	1	0	0	4	0	0	5	\$525
Subtotal - Labor	4	0	0	126	0	21	8	4	14	177	\$24,140
EXPENSES:											
Mileage	4	Trips @	400	Miles @	\$0.555						\$888
Travel:											
Meals/Per Diem	Cost/Unit	Days									\$0
Lodging	\$0	0									\$0
Other											\$0
Misc. Expenses:											
Fax											\$20
Telephone											\$20
Postage											\$50
Printing											\$50
Field Supplies											\$50
Processing Fee - Percentage of Expenses			10%								\$19
Subtotal - Expenses											\$1,097
SUBCONSULTANTS:											
Dinter (Electrical Subconsultant)											\$2,300
Handling Fee - Percentage of Subconsultants			10%								\$230
Subtotal - Subconsultants											\$2,530
Total Construction Fees											27,767
Maintenance Plan and Design Engineering											\$58,913
Maintenance Plan, Design, and Construction Engineering											\$86,680

EXHIBIT "A"

PROJECT: Sunnyside Municipal Airport - AWOS System
 CLIENT: City of Sunnyside
 JOB NUMBER: 232011.014
 DATE: 07/13/12

PROJECT TASK	Principal \$225 KA	Principal Engineer \$190 RJ	Sr Engineer \$175 RH	Project Eng \$145 MC/KK	Designer II \$110 WB/VC	Tech Writer II \$110 VF	Designer I \$95 MH	Proj Admin \$80 KB	CADD Operato \$110 GM	TOTAL HRS	PROJECT COST
4. COMMISSIONING INSPECTION											
a Schedule & Coordinate Commissioning Inspection	0	0	0	8	0	0	0	0	0	8	\$1,160
b Coordination to Provide Required Documentation	0	0	0	8	0	0	0	0	1	9	\$1,270
Subtotal - Labor	0	0	0	16	0	0	0	0	1	17	\$2,430
TOTAL LABOR FEES	0	0	0	16	0	0	0	0	1	17	\$2,430
EXPENSES:											
Mileage	0		Trips @ 400	Miles @	\$0.555						\$0
Travel:		Cost/Unit	Days								
Meals/Per Deim		\$0	0								\$0
Lodging		\$0	0								\$0
Other											\$0
Misc. Expenses:											
Fax											\$0
Telephone											\$0
Postage											\$0
Printing											\$0
Field Supplies											\$0
Processing Fee - Percentage of Expenses				10%							\$0
Subtotal - Expenses											\$0
SUBCONSULTANTS:											
											\$0
											\$0
Handling Fee - Percentage of Subconsultants				10%							\$0
Subtotal - Subconsultants											\$0
Total Commissioning Inspection					Lump Sum						2,430
Maintenance Plan, Design, and Construction Engineering											\$86,680
TOTAL ESTIMATED PROJECT FEE											<u>\$89,110</u>