



## CITY COUNCIL STAFF REPORT

DATE: June 1, 2011

CONSENT AGENDA

SUBJECT: AMENDMENT NO. 3 TO AGREEMENT 5348 WITH RS&H CALIFORNIA, INC. FOR AVIATION CONSULTING SERVICES

FROM: David H. Ready, City Manager

BY: AIRPORT DEPARTMENT

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### SUMMARY

This action will provide an amendment to the scope of design work for the airport perimeter security fence project and integrate several additional enhanced security features into the project.

### RECOMMENDATION:

1. Approve Amendment No. 3 to Agreement 5348 with RS&H California, Inc. for Aviation Consulting Services in the amount of \$47,503.
2. Authorize the City Manger to execute all necessary documents

### STAFF ANALYSIS

The Airport's consulting engineer firm RS&H California, Inc. was awarded a contract by City Council last September 2010 for the design of a perimeter security fencing enhancement project at Palm Springs International Airport. Since the commencement of this design phase, schematics have undergone an extensive review by Airport, FAA and the TSA personnel and this process subsequently identified additional elements that need to be incorporated into the project to accomplish the security objectives. These elements are:

1. An additional SIDA Control Gate
2. A state of the art Perimeter Intrusion Detection System
3. Additional CCTV Security Cameras
4. VGSI Survey of certain airfield locations

ITEM NO. 2.1.

Because these components were not part of the original contract with the design firm RS&H, it will require a contract amendment to integrate these components in the scope and project. The scope of work for these items has been negotiated with very specific tasks and hours and the amount totals \$47,503.


Item number 2 requires majority of the design effort (\$27,320) because it involves the integration of a new, technologically advanced Perimeter Intrusion Detection System. This system will provide the Airport with significantly enhanced monitoring and control of its approximate seven miles of perimeter fence line.


Amendment No. 3 was recommended for approval by the Airport Commission at their May 18, 2011 meeting.

### FISCAL IMPACT

The current contract amount for design services is \$233,560 and an FAA Airport Improvement Project grant is funding \$202,001 (95%). The additional design services will bring the total design for the security fence project to \$249,504 and will remain 95% funded by the FAA. The additional non-reimbursable expense from the airport fund for Amendment No. 3 is \$2,375.

The *estimated* total construction cost of the security fencing project is about \$2 million and the new state of the art PIDS system represents about 20% of the project. Because of the expense of the system, it will intentionally be submitted as an alternate item in the bid to allow for affordability considerations in case the actual bid figures deviate significantly more than projected.

  
Thomas Nolan  
Executive Director, Airport

  
David H. Ready, City Manager

Attachment  
(1) Amendment No. 3 to Agreement 5348

AMENDMENT NO. 3  
AGREEMENT NO. 5348 – AVIATION CONSULTING SERVICES

THIS THIRD AMENDMENT to Agreement No. 5348 for Aviation Consulting Services, (herein "Amendment") made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2011, by and between the CITY OF PALM SPRINGS (herein "City") and RS&H California, Inc., (herein "Consultant") is hereby amended effective \_\_\_\_\_, as follows:

RECITALS

WHEREAS, City and Consultant entered into that certain Consulting Services Agreement No. 5348 for Aviation Consulting Services ("Agreement"), as duly amended from time to time; and

WHEREAS, the parties wish to amend the Agreement to increase work assignments.

NOW, THEREFORE, for good and sufficient consideration, the parties agree as follows:

1. Exhibit "A-1" is hereby amended to add the following sub-tasks related to the Perimeter Fence Improvements:

- a. Perimeter Fence sub-tasks:

1. New SIDA Gate
2. Perimeter Intrusion Detection System
3. Additional Security Cameras
4. VGSI Survey Data

2. Exhibit "C" Schedule of Compensation is hereby amended as follows and as detailed on the attached Exhibit "C-1b":

a. New SIDA Gate	\$12,622
b. Perimeter Intrusion Detection System	\$27,320
c. Additional Security Cameras	\$ 5,218
d. VGSI Survey Data	\$ 2,343

Total =	\$47,503
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3. Exhibit "D" Schedule of Performance will not change with the addition of these sub-tasks.

Except as previously modified herein, all other provisions of the Agreement shall remain unmodified in full force and effect.

IN WITNESS WHEREOF, the parties have executed and entered into this Agreement as of the date first written above.

ATTEST:

CITY OF PALM SPRING  
a municipal corporation

By: \_\_\_\_\_  
City Clerk

By: \_\_\_\_\_  
City Manager

APPROVED AS TO FORM:

By:   
City Attorney

CONTRACTOR: Check one: \_\_\_\_\_ Individual \_\_\_\_\_ Partnership \_\_\_\_\_ Corporation

Corporations require two notarized signatures: One from each of the following: A. Chairman of Board, President, or any Vice President: AND B. Secretary, Assistant Secretary, Treasurer, Assistant Treasurer, or Chief Financial Officer.

By: \_\_\_\_\_  
Signature (notarized)

By: \_\_\_\_\_  
Signature (notarized)

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

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State of \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_

personally appeared \_\_\_\_\_  
who proved to me on the basis of satisfactory  
evidence to be the person(s) whose name(s)  
is/are subscribed to the within instrument  
and acknowledged to me that he/she/they  
executed the same in his/her/their authorized  
capacity(ies), and that by his/her/their  
signature(s) on the instrument the person(s),  
or the entity upon behalf of which the  
person(s) acted, executed the instrument.

personally appeared \_\_\_\_\_  
who proved to me on basis of satisfactory  
evidence to be the person(s) whose name(s)  
is/are subscribed to the within instrument  
and acknowledged to me that he/she/they  
executed the same in his/her/their authorized  
capacity(ies), and that by his/her/their  
signatures(s) on the instrument the person(s)  
or the entity upon behalf of which the  
person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY  
under the laws of the State of California that  
the foregoing paragraph is true and correct.

I certify under PENALTY OF PERJURY  
under the laws of the State of California that  
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary Signature: \_\_\_\_\_

Notary Signature: \_\_\_\_\_

Notary Seal:

Notary Seal:

Exhibit "C-1b"

Schedule of Compensation

See Attached



PALM SPRINGS INTERNATIONAL AIRPORT

ADDITIONAL SERVICES FEE PROPOSAL

PERIMETER FENCE IMPROVEMENTS & CAPITAL IMPROVEMENT PROGRAM (CIP) DEVELOPMENT

SCOPE / TASK TITLE		PROJECT OFFICER	PROJECT MANAGER	SR ELECT/ ELECT-ENGR	CIVIL ENGINEER II	SR PLANNER	CIVIL ENGINEER I	ADMIN ASST	TOTAL	
<b>BASIC SERVICES</b>										
<b>New SIDA Gate</b>										
<b>Task 9.3 60% Design Plans, Specs, Report</b>										
1	Fence Installation Plans (1)		0.5		1		2		3.5	
1	Fence Details (1)		0.5	2	1		2		5.5	
2	Total Drawings									
	Technical Specification		0.5		1		2		3.5	
	Engineers Report		0.5		1		2		3.5	
	Quantities and Cost Estimate						1		1	
<b>Task 10.2 90% Design Plans, Specs, Report</b>										
1	Fence Installation Plans (1)		0.5		1		2		3.5	
1	Fence Details (1)		0.5	2	1		2		5.5	
2	Total Drawings									
	Technical Specification		0.5		1		2		3.5	
	Engineers Report		0.5		0.5		1		2	
	Quantities and Cost Estimate						1		1	
<b>Task 11.2 100% (Bid Set) Design Plans, Specs, Report</b>										
1	Fence Installation Plans (1)		0.5		1		2		3.5	
1	Fence Details (1)		0.5	2	1		2		5.5	
2	Total Drawings									
	Technical Specification		0.5		1		2		3.5	
	Engineers Report		0.5		0.5		1		2	
	Quantities and Cost Estimate						1		1	
<b>Task 12.4 Conformed Documents</b>										
			0.5		1		2		3.5	
<b>Task 13.1 Construction Administration</b>										
			1		2				3	
<b>Task 13.2 Part Time Resident Project Representative</b>										
	(10 hrs/week x 2 weeks)				20				20	
<b>Task 13.3 Record Drawings and Project Closeout</b>										
			0.5		1		2		3.5	
<b>TOTAL HOURS</b>		0	8	6	35	0	29	0	78	
<b>RATE</b>		\$82.00	\$65.00	\$63.00	\$42.00	\$62.00	\$29.00	\$20.00	\$41.14	
<b>TOTAL DIRECT LABOR \$</b>		\$0	\$520	\$378	\$1,470	\$0	\$841	\$0	\$3,209	
<b>OVERHEAD @</b>		182.59%							\$5,859	
<b>PROFIT @</b>		12.0%							\$1,088	
<b>TOTAL BURDENED LABOR @</b>		3.17							\$10,157	
<b>OTHER DIRECT NON-SALARY COSTS</b>										
<b>REPRODUCTION</b>										
		Plans	Specs	Reports						
		@	@	@	#SETS					
		\$1.00	\$0.50	\$0.50						
	60% Plans, Specs & Reports	2	10	1	3				\$23	
	90% Plans, Specs & Reports	2	10	1	4				\$30	
	100% Plans, Specs & Reports	2	10	1	11				\$83	
	Conformed Plans & Specs	2	10		9				\$63	
	Construction Phase Plans & Specs	2	10		11				\$77	
<b>TOTAL REPRODUCTION</b>									\$135	
<b>TRAVEL</b>										
	Task 13.2 Resident Project Representative	2 trips @ \$0.50/mile x 50 miles								\$50
<b>SUBCONSULTANTS</b>										
	Task 9.1 SURVEY (RBF)								\$2,280	
<b>TOTAL ODC's</b>									\$2,280	
<b>TOTAL ODC's</b>									\$2,465	
<b>Total Proposed Fee for:</b>		<b>New SIDA Gate</b>								<b>\$12,622</b>



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ADDITIONAL SERVICES FEE PROPOSAL

PERIMETER FENCE IMPROVEMENTS & CAPITAL IMPROVEMENT PROGRAM (CIP) DEVELOPMENT

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	SR. ELECT/ ELECT-ENGR	CIVIL ENGINEER III	SR. PLANNER	CIVIL ENGINEER I	ADMIN ASST	TOTAL
<b>Perimeter Intrusion Detection System</b>								
<b>Task 9.3 60% Design Plans, Specs, Report</b>								
Site Visit		8				16		24
1 Location Plan		0.5	4			8		12.5
1 Site Plans		0.5	4			8		12.5
2 Utility Plans		1	4			8		13
2 Details		1	4			8		13
6 Total Drawings								
Technical Specification		1	4					5
Engineers Report		1	4					5
Quantities and Cost Estimate		0.5	1			2		3.5
<b>Task 9.4 60% Quality Review</b>	2							2
<b>Task 10.2 90% Design Plans, Specs, Report</b>								
1 Location Plan		0.5	2			4		6.5
1 Site Plans		0.5	2			4		6.5
2 Utility Plans		0.5	2			4		6.5
2 Details		0.5	2			4		6.5
6 Total Drawings								
Technical Specification		0.5	2					2.5
Engineers Report		0.5	2					2.5
Quantities and Cost Estimate		0.5	1			2		3.5
<b>Task 10.3 Quality Review</b>	2							2
<b>Task 11.2 100% (Bid Set) Design Plans, Specs, Report</b>								
1 Location Plan		0.5	2			4		6.5
1 Site Plans		0.5	2			4		6.5
2 Utility Plans		0.5	2			4		6.5
2 Details		0.5	2			4		6.5
6 Total Drawings								
Technical Specification		0.5	2					2.5
Engineers Report		0.5	2					2.5
Quantities and Cost Estimate		0.5	1			2		3.5
<b>Task 11.3 Final Engineers Report</b>		0.5	2					2.5
<b>Task 11.4 Quality Review</b>	2							2
<b>Task 12.4 Conformed Documents</b>		0.5	1			2		3.5
<b>Task 13.1 Construction Administration</b>		1	2			4		7
<b>Task 13.3 Record Drawings and Project Closeout</b>		0.5	1			2		3.5
<b>TOTAL HOURS</b>	6	22.5	55	0	0	94	0	178
<b>RATE</b>	\$82.00	\$65.00	\$63.00	\$42.00	\$62.00	\$29.00	\$20.00	\$45.89
<b>TOTAL DIRECT LABOR \$</b>	\$492	\$1,463	\$3,465	\$0	\$0	\$2,726	\$0	\$8,146
<b>OVERHEAD @ 182.59%</b>								\$14,873
<b>PROFIT @ 12.0%</b>								\$2,762
<b>TOTAL BURDENED LABOR @ 3.17</b>								\$25,781
<b>OTHER DIRECT NON-SALARY COSTS</b>								
<b>REPRODUCTION</b>			Plans @ \$1.00	Specs @ \$0.50	Reports @ \$0.50	#SETS		
60% Plans, Specs & Reports			5	10	1	3		\$32
90% Plans, Specs & Reports			5	10	1	4		\$42
100% Plans, Specs & Reports			5	10	1	11		\$116
Conformed Plans & Specs			5	10		9		\$90
Construction Phase Plans & Specs			5	10		11		\$110
<b>TOTAL REPRODUCTION</b>								\$389
<b>TRAVEL</b>			# People	# Days	Air @ \$400	Car @ \$150	Hotel @ \$150	Meals @ \$75
Task 9.3 Site Visit			1	2	\$400	\$300	\$300	\$150
								\$1,150
<b>TOTAL ODC's</b>								\$1,539
<b>Total Proposed Fee for:</b>								<b>\$27,320</b>



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SCOPE / TASK TITLE		PROJECT OFFICER	PROJECT MANAGER	SR. ELECT/ ELECT-ENGR	CIVIL ENGINEER II	SR. PLANNER	CIVIL ENGINEER I	ADMIN ASST	TOTAL
<b>Additional Security Cameras</b>									
<b>Task 9.3 60% Design Plans, Specs, Report</b>									
1	Security Camera Site Plan		1	4			4		9
1	Total Drawings								
<b>Task 10.2 90% Design Plans, Specs, Report</b>									
1	Security Camera Site Plan		0.5	4			4		8.5
1	Total Drawings								
<b>Task 11.2 100% Design Plans, Specs, Report</b>									
1	Security Camera Site Plan		0.5	4			4		8.5
1	Total Drawings								
<b>Task 12.4 Conformed Documents</b>									
1	Security Camera Site Plan			1			2		3
1	Total Drawings								
<b>Task 13.1 Construction Administration</b>									
			1		2				3
<b>Task 13.3 Record Drawings and Project Closeout</b>									
			0.5		1		2		3.5
<b>TOTAL HOURS</b>		0	3.5	13	3	0	16	0	36
<b>RATE</b>		\$82.00	\$65.00	\$63.00	\$42.00	\$62.00	\$29.00	\$20.00	\$46.10
<b>TOTAL DIRECT LABOR \$</b>		\$0	\$228	\$819	\$126	\$0	\$464	\$0	\$1,637
<b>OVERHEAD @</b>		182.59%							\$2,988
<b>PROFIT @</b>		12.0%							\$555
<b>TOTAL BURDENED LABOR @</b>		3.17							\$5,180
<b>OTHER DIRECT NON-SALARY COSTS</b>									
<b>REPRODUCTION</b>			Plans @ \$1.00	Specs @ \$0.50	Reports @ \$0.50	#SETS			
	60% Plans, Specs & Reports	1				3			\$3
	90% Plans, Specs & Reports	1				4			\$4
	100% Plans, Specs & Reports	1				11			\$11
	Conformed Plans & Specs	1				9			\$9
	Construction Phase Plans & Specs	1				11			\$11
<b>TOTAL REPRODUCTION</b>									\$38
<b>TOTAL ODC's</b>									\$38
<b>Total Proposed Fee for:</b>		<b>Additional Security Cameras</b>							<b>\$5,218</b>





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PERIMETER FENCE IMPROVEMENTS & CAPITAL IMPROVEMENT PROGRAM (CIP) DEVELOPMENT

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	SR. ELECT/ ELECT+ ENGR	CIVIL ENGINEER II	SR. PLANNER	CIVIL ENGINEER I	ADMIN ASST	TOTAL
<b>VGSI Data</b>								
VGSI Form and Calculations		2		4				6
TOTAL HOURS	0	2	0	4	0	0	0	6
RATE	\$82.00	\$65.00	\$63.00	\$42.00	\$62.00	\$29.00	\$20.00	\$49.67
TOTAL DIRECT LABOR \$	\$0	\$130	\$0	\$168	\$0	\$0	\$0	\$298
OVERHEAD @	182.59%							\$544
PROFIT @	12.0%							\$101
TOTAL BURDENED LABOR @	3.17							\$943
<b>OTHER DIRECT NON-SALARY COSTS</b>								
REPRODUCTION	Plans @ \$1.00	Specs @ \$0.50	Reports @ \$0.50	#SETS				\$0
								\$0
								\$0
								\$0
								\$0
								\$0
TOTAL REPRODUCTION								\$0
<b>SUBCONSULTANTS</b>								
Task 9.1 SURVEY (RBF)								\$1,400
								\$1,400
TOTAL ODC's								\$1,400
<b>Total Proposed Fee for:</b>	<b>VGSI Data</b>							<b>\$2,343</b>