



PLACER COUNTY
SHERIFF
CORONER-MARSHAL



MAIN OFFICE
2929 RICHARDSON DR.
AUBURN, CA 95603
PH. (530) 829-7800 FAX: (530) 899-7899

TAHOE SUBSTATION
DRAWER 1710
TAHOE CITY, CA 96145
PH. (530) 581-6300 FAX (530) 681-6377

EDWARD N. BONNER
SHERIFF-CORONER-MARSHAL

DEVON BELL
UNDERSHERIFF

TO: Honorable Board of Supervisors
FROM: Edward N. Bonner, Sheriff-Coroner-Marshall
DATE: April 7, 2009
SUBJECT: Award of Bid for Helicopter Mission Equipment RFP #9837

ACTION REQUESTED

Your Board is requested to approve:

- 1) The award of competitive Request for Proposals (RFP) No. 9837 to Hangar One Avionics (Hangar 1) for helicopter completion services and installation of mission equipment; and
- 2) The authorization for selected mission equipment to be purchased separately by the County to be provided to Hangar 1 for installation; and
- 3) The budget revision appropriating the equipment; and
- 4) Authorization for the Sheriff-Coroner-Marshall to execute the Memorandum of Understanding (MOU) with the United Auburn Indian Community (UAIC); and
- 5) The Purchasing Manager to sign all resulting purchase documents related to the acquisition and installation of the mission equipment.

Mission equipment, including items purchased separately and installation by Hangar One Avionics, Not-To-Exceed \$1,730,210.

BACKGROUND

On January 23, 2007, your Board approved the award of Purchase Order No. PO088343 for one American Eurocopter AS350 B3 (AS350) helicopter and the approval to solicit competitive bids for selected mission equipment. The mission equipment is essential to transform the basic AS350B into a law enforcement helicopter. American Eurocopter originally scheduled the delivery of Placer County's basic helicopter in March 2009. Based on further review and discussion regarding the helicopter acquisition, that delivery date was revised to mid-April 2009. The helicopter will be ready for installation of law enforcement mission equipment.

The Procurement Services Division, on behalf of the Sheriff's Department, sent RFP 9837 to ten helicopter completion contractors and posted the RFP on the County's website, soliciting contractor proposals to install and integrate an extensive list of essential mission equipment. The County received proposals from Hangar One Avionics, Jetsource Inc. and United Rotorcraft Solutions. A five-member RFP evaluation panel scored the complex technical proposals in accordance with the criteria published in the RFP and determined unanimously that the Hangar One Avionics proposal offered the County the best project management, technical solution and price. Since the delay in processing this bid, some pricing has changed and the sales tax has increased by 1%. This was a

potential increase to the bid of over \$50,000. Sheriff staff has worked diligently to reduce items to contain costs within the original bid of \$1,730,210. The Purchasing Manager may, in coordination with the Sheriff's Department and within the purchasing policy manual, seek equipment options to secure the best price for individual mission equipment within the maximum amount approved. Several equipment items were selected for removal from the Hangar 1 bid to be purchased by the County directly to save costs. These items will be provided to Hangar 1 for installation within the total Not-to-exceed amount of \$1,730,210.

As part of the purchase of the mission equipment for the helicopter, UAIC has agreed to contribute \$1 million in support of annual lease costs. A loan from the Treasury was approved by the Board on March 24, 2009 to fund the gap needed to purchase the mission equipment in the amount of \$1.5 million. The loan documents are set for signature concurrent with this item. The County Treasurer developed a schedule that included the contribution of UAIC towards annual lease payments. A Memorandum of Understanding was prepared to demonstrate the commitment of the UAIC.

Your Board's approval of the bid award is required for the Purchasing Manager to execute a contract with Hangar One Avionics in accordance with RFP 9837 and to authorize the Purchasing Manager to purchase the selected equipment items separately to be provided to Hangar 1 for installation. Your Board's approval is also requested for a budget revision in the amount of \$1,730,210 and Master Fixed Asset List increase to add this equipment to the helicopter. Finally, authorization is requested for the Sheriff-Coroner-Marshall to execute the MOU with UAIC and for the Purchasing Manager to execute all related purchasing documents.

FISCAL IMPACT

A budget revision will be needed for the mission equipment and to update the Master Fixed Asset List in the amount of \$1,730,210. Proposed funding for the mission equipment includes a loan funded through the County Treasury and the funds approved by the Board for the helicopter acquisition.

Attachments:

Budget Revision

MOU with UAIC

Equipment Furnished by Hangar One Avionics

Lease Payment Estimates

PLACER COUNTY
BUDGET REVISION

PAS DOCUMENT NO.

Attachment A

Cash Transfer Required

Auditor-Controller

Reserve Cancellation Required

County Executive

Establish Reserve Required

Board of Supervisors

Dept No.	Doc Type	Total \$ Amount	Total Lines
10	BR	3,460,420.00	5

ESTIMATED REVENUE ADJUSTMENT

APPROPRIATION ADJUSTMENT

Dept No.	T Code	Rev	OCA	PCA	OBJ L-3	Proj. No.	G/L Sub GL	AMOUNT	Dept No.	T Code	Rev	OCA	PCA	OBJ L-3	Proj. No.	G/L Sub GL	AMOUNT
10	06		011000	91102	8958			1,500,000.00	10	014		011000	91102	4451			1,730,210.00
									10	015		011000	91102	2555			230,210.00
TOTAL									TOTAL								
1,500,000.00									1,960,420.00								

REASON FOR REVISION: To purchase Mission equipment for new helicopter plus contingencies to be used only if needed.

Department Head _____

Date: 4/7/09

Distribution: All copies to Auditor _____

Page: 1 of 1

Rev 9/14/98 Auditor-Controller _____

Budget Revision # _____

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HELICOPTER ACQUISITION FUNDING AGREEMENT
Placer County Sheriff's Department Law Enforcement Air Operations
by and between
United Auburn Indian Community
and
Placer County Sheriff's Department

The Placer County Sheriff's Department (herein after referred to as "COUNTY") and the United Auburn Indian Community (herein after referred to as "UAIC") do hereby agree to the following Helicopter Acquisition Funding Agreement (the "Agreement").

WHEREAS, UAIC is desirous of participating for certain special services performed in support of Thunder Valley Casino and the Indian Community, and;

WHEREAS, COUNTY is qualified and desirous of performing such services in support of its community law enforcement goals;

NOW, THEREFORE, in consideration of the mutual promises and agreements herein contained, it is agreed by and between the parties hereto as follows:

1. **PURPOSE AND INTENT.** UAIC hereby agrees to contribute funds to the COUNTY in support of a lease/purchase acquisition of an American Eurocopter AS350 B3 aircraft to provide law enforcement community oriented policing resources that would include the Indian Community as mutually coordinated. The UAIC will provide a total financial contribution to the COUNTY in the amount of One Million Dollars (\$1,000,000) which will be payable over the term of the above lease/purchase agreement and applied by the COUNTY toward annual lease/purchase payments to acquire the aircraft over the term of the lease. The types of services typically delivered related to law enforcement activities are generally outlined below:

- Keep the Placer County and surrounding community safe; and
- Provide a presence throughout the County, including Thunder Valley Casino, to resolve issues in a proactive manner in support of ground units;
 - when requested by Sheriff Administration; or
 - when necessary in investigating criminal activity; or
 - when needed in relation to a Search and Rescue event; or
 - Patrol and Monitor community activity; or
 - Assist staff in preventing and eliminating violent conflicts; or
 - Assist other law enforcement agencies in a mutual aide capacity.

2. **PAYMENT** UAIC will pay the County a financial contribution in the amount of \$1,000,000 to be applied toward a pro rata share of the total lease/purchase payments to be made by the COUNTY as negotiated between the COUNTY and the County Treasurer that agreement. The annual UAIC contribution will be \$142,857 annually. UAIC will pay this contribution towards lease payments which begin April 10, 2010. A payment schedule is attached (Exhibit A). Contributions from UAIC will be paid to the COUNTY on the thirtieth (30) calendar day or the next business day thereafter in advance of the COUNTY'S annual lease payment due the Lessor. Payment will be made via wire transfer to the Placer County Treasurer for credit to the Helicopter Lease Payment Fund. All other annual contributions will be paid to the COUNTY thirty (30) calendar days in advance of the COUNTY annual lease payment due the Lessor as specified in Exhibit A.

3. **USE OF DONATED FUNDS.** All donated funds will be used solely toward the financial obligations of the lease/purchase or purchase of the American Eurocopter AS 350 B3 aircraft according to the agreement to lease/purchase or any agreement to purchase that helicopter entered into by the

COUNTY. Any interest earned will only be applied to meeting the financial obligations of the acquisition of the above referenced aircraft.

4. **RECORDS.** COUNTY shall maintain at all times complete detailed records with regard to work performed under this Agreement, and UAIC shall have the right to inspect the public records at any reasonable time.

5. **NON-ASSIGNABILITY.** This Agreement and the rights and duties hereunder shall not be assigned in whole or in part without the express written consent of the parties.

6. **LOCATION OF WORK.** All services to be performed by COUNTY will be in accordance with generally accepted law enforcement practices with the Placer County community and mutual aide partners.

7. **TERM AND CANCELLATION.** This Agreement shall continue in full force and effect until the lease/purchase agreement has been paid in full.

8. **MODIFICATIONS.** This Agreement may be amended in whole or part, in writing, by mutual action of the COUNTY and UAIC.

9. **HOLD HARMLESS AND INDEMNIFICATION.** Each party hereto shall indemnify and hold the other party harmless from all liability for damage, including attorney fees, actual or alleged, to persons or property arising out of or resulting from negligent acts or omissions of the indemnifying party or their agents and employees.

10. **EFFECTIVE DATE.** The effective date of this Agreement is _____.

United Auburn Indian Community

By:

Date: _____

COUNTY OF PLACER

By: Edward N. Bonner,
Placer County Sheriff-Coroner-Marshal

Date: _____

Approved as to form:

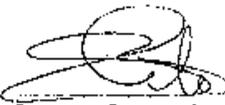

County Counsel 

Exhibit A

Helicopter Purchase Price and Lease Payments

Estimated Airframe Cost	\$2,344,073
Estimated Mission Equipment Cost	\$1,730,210
<u>Amount of Down Payment by the County</u>	<u>(\$2,574,283)</u>
Total Amount to be financed	\$1,500,000

Annual Payment; 7-Year Lease (\$1,000,000/7 years) \$ 142,857

Payment Schedule

March 10, 2010	\$142,857
March 14, 2011	\$142,857
March 12, 2012	\$142,857
March 11, 2013	\$142,857
March 10, 2014	\$142,857
March 10, 2015	\$142,857
March 14, 2015	\$142,857

Remittance: By check or wire

Placer County Treasurer
2976 Richardson Drive
Auburn, CA 95603
(530)889-4140 (for wire instructions)

**EQUIPMENT TO BE FURNISHED BY HANGAR ONE AVIONICS
FOR COMPLETION OF THE AS350 B3 HELICOPTER**

#	Qty	Part No.	AIRFRAME OPTIONS
1	1	646.0101	DART Air Conditioner
2	1	D350-591-213	DART Heli-access step LH (short step for high gear)
3	1	D350-591-214	DART Heli-access step RH (short step for high gear)
4	2	D350-591-133	DART Heli-access step (aft step for L/H and R/H)
5	1	A84801-1	Aeronautical Accessories Wire Strike Kit (external provisions only)
6	1	06177105++	Turbomeca USA (CGTM) particle separator
7	1	D350-567-025	DART Vertical Ref Window Kit
8			
9			EXTERIOR OPTIONS
10	1	D350-578-011	DART Settling Protectors/Bear Paws
11	1	Model MS	Chopper Spotter Helicopter Ground Handling Device
12	2	TBD	External ICS/Headphone Jack - Right/Left side engine cowling
13	2	TBD	External ICS/Headphone Jack-Fuselage Left/Right side (under sliding doors)
14			
15			EXTERIOR MISSION EQUIPMENT
16	1	TBD	Lifeport Seat Attachment Kit
17	4	TBD	Lifeport Seat Standard
18	4	TBD	Lifeport Seat Light Weight
19	1	TBD	Lifeport Cargo Pallet
20	1	A800	Trakkabeam Searchlight (Requires STC certification) Preliminary Price
21	1	Various	Searchlight "ON" Light (NVG)
22	1	AMT342	Meeker Aviation Searchlight mount (requires STC certification for Trakkabeam)
23	1	TBD	Meeker Aviation Dovetail Wedge for Searchlight
24	1	AFDP	Meeker Aviation Forward camera downpost mount
25	1	Meeker	Airfilm ISO collar for V9 camera
26	1	Meeker	Meeker Dovetail Block upper and lower
27	1	Various	IR "ON" Light (NVG)
28	1	200-282-00	Onboard Systems - Sling Suspension System and Cargo Hook W/ Fixed Provisions
29	1	200-295-00	Onboard Systems- Load Cell
30	1	200-299-00	Onboard Systems AS350 Fuel Drain Guard Kit
31	1	Various	Bambi Bucket - Electrical Provisions including water release on collective
32	1	35940-YLP	"Iron Duck" Ultra Space Save Folding Backboard w/ Pins (Yellow or specify Black / Blue / Olive Drab / Yellow) with Carrying Case p/n 35940
33	1	Camera	HeliDyne Hoist - Mounted downline Camera wired to DVR and displays.
34	1	N30-E20-FR	Canam 8 sided 20' x 20' cargo net

**EQUIPMENT TO BE FURNISHED BY HANGAR ONE AVIONICS
FOR COMPLETION OF THE AS350 B3 HELICOPTER**

35			
36			EXTERIOR LIGHTING OPTIONS
37			Whelen fixed landing lights with LED bulbs
38	1		HID 4" Taxi/Landing Light
39	1		HID 6" Taxi/Landing Light
40	1	1210	Whelen model 71234 LED Flasher for fixed landing lights with switch for steady on
41	1	01-0771011-02	Whelen LED Tail Position Light (white) Model 71011
42	2	01-0790368-(01/02)	Whelen LED Position Wingtip Lights, Red forward Anti-collision/Red or Green Side position / white Rear (-01 Red / -02 Green) Model 90368
43	2	35000001-3	Davore Tail Rotor Illumination light
44	1	01-077095-XX	Whelen LED Red Beacon - Aft Belly Mounted Model 70905
45		TBD	Lighting Master Switch
46	1	Various	Exterior Side Flood Lights (EBRP model and location)
47	1	TBD	Illuminator Mark IVS HID/IR LED Dual Mode Steerable Landing Light
48	1	723-1152-001	Hoffman NVIS LED Flood Light (Hoist Mounted for left exterior illumination)
49			INTERIOR OPTIONS
50	1	Custom	Leather upholstery retrofit for pilot and copilot. Matched to Lifeport Seats.
51	1	P132-ACP-NVG	Geneva Pedestal with Electrical Upgrade (includes Radio Master circuit)
52	1	Custom	Electrical reconfiguration of standard Eurocopter 9 button Crouzet Stick
53	1	Custom	LASD collective barrier and NVG compatible rear console or custom built equivalent, with left side map pouch.
54	1	Custom	Binocular Holder - LAPD style
55	1	Custom	Map book holder under binocular storage
56	1	custom	Lockable holding fixture for 2 long guns, cabin location
57			INTERIOR MISSION EQUIPMENT
58	1	Various	NVG Conversion provided by Aero Dynamix Inc.
59	1	9505A	Motorola Iridium Satellite Phone
60	1	FCDZ337R00DIM	FlightCell DZM
61	1	ANTDTNCSMA3V A	FlightCell Dual Blade Antenna
62	1	FC9505AD2500C	Flightcell Pro/Flight 9505A Cradle / Heritage Aviation PA34
63	1	Mobile VU	MobileVu (L3) Keyboard (May be customer supplied)
64	1	Custom	Ceiling Drop-Down Mount for 12.1" Monitor in rear cabin
65	1		AeroComputers UC5100 UltiChart w/ all options specified in Addendum 1
66	1		AerComputers Viewsync -L2-IMU
67	1		AeroComputers X-3 DVR

**EQUIPMENT TO BE FURNISHED BY HANGAR ONE AVIONICS
FOR COMPLETION OF THE AS350 B3 HELICOPTER**

68	1		AeroComputers Dual Display 10.4HD/12.1HD
69	1		Verizon USB 727 Modem 3G CDMA EVDO Rev A
70	1		AeroComputers 12" HD/NVG Monitor
71	1	0531-316-924	Becker SAR DF517 Antenna - Receiver Unit
72	1	0531-324-924	Becker SAR DF517 Display and Control Unit
73	1	0542-571-954	Becker SAR DF517 Connector Kit
74	1	0551-295-071	Becker SAR DF517 Manual
75	1	1000-107-352	Becker SAR DF517 Law Enforcement Option
76	1	1000-101-352	Becker SAR DF517 NVG Option for DCU 537
77			Stolen Vehicle Recovery System (LoJack) supplied by LoJack
	1		ETS (formerly ProNet) - System install of customer furnished equipment, with modification to also be displayed on Becker Display Control Unit
78			
79			
80			INTERIOR AVIONICS EQUIPMENT
81	1	Custom	ANR Provisions for all ICS ports - All Labels Laser Engraved
82	1	Custom	All Labels Laser Engraved
83	1	Various	ICS ports Px and Crew Provisions - EBRP Spec
84	1	Sagem	Sagem Integrated 6" PFD/6"MFD display system- NVG compat. (requires STC)
85	1	453-0550-65	SAGEM ICDS-6"
86	1	453-0550-65	SAGEM ICDS-6" w/ video
87	1	453-0914-10	SAGEM PFD-35 air data unit
88	1	455-0914-00	SAGEM PFD Install Kit
89	1	455-4550	SAGEM ICDS Installation Kit
90	1	116-5030-00	SAGEM OAT sensor
91	3	453-3348	SAGEM Encoder Switch
92	1	420-00339-000	SAGEM Magnetometer
93	1	420-01867-300	SAGEM RMM
94	1	420-00332-430	SAGEM ADHRS
95	1	420-01958-900	SAGEM ADHRS Connector Kit
96	1	STC	SAGEM STC Documentation Package charge by Eagle Helicopters
97	1	010-00339-01	Garmin GDL-69A XM weather and radio (displayed only on the Garmin 530)
98	1		Sagem Master Switch, MFD/PFD Flip Switch, and input selector switch
99	1		Sagem Input Selector Switch w/ button on pilot cyclic for AeroComp/IR Camera video inputs
100	1		Sagem MFD/PFD "Flip Switch"
101	1	TRA-3500	Free Flight RADALT with NVG indicator
102	1	SKY-497	L3 Communication Skywatch (displayed on PFD, and Garmin 530)
103	1	M800-28V-NVG-BAT	Davtron Digital clock timer

**EQUIPMENT TO BE FURNISHED BY HANGAR ONE AVIONICS
FOR COMPLETION OF THE AS350 B3 HELICOPTER**

104	1	455-5063	Arlex C406N Eit system with GPS interface
105	1	010-00230-01	Garmin GXT-330 Mode S Transponder
106	1	AA22-2987	NAT - PA/Siren Controller NVIS Friendly white
107	1	013-00106-01	SL40 Com Radio, Complete with Install kit and manuals
108	1	010-00416-01	Garmin GNS-530 Comm/Nav/GPS
109	1	KSA107	King Schools, Garmin GNS-530 Training
110	1	15035-01102	Aerosonic 2" Altimeter, 35K lighted, 3ptr, inches
111	1	25020-0179	Aerosonic 2" Air Speed Indicator, 200kts lighted
112	1	4200-10	Mid-Continent 2" Attitude Gyro/Indicator
113			
114			INTERIOR TACTICAL RADIO EQUIPMENT
115	1	P142-350	DART RH Cargo Avionics Rack
116	1	961082-1NV	TIL TFM30GNV Low Band Transceiver with NVG
117	1	015240-3- 71188NV/P7039	Technisonic TDFM 7039 NVG Series Radio mounted in center console
118	1	015240-3- 71488NV/P7107	Technisonic TDFM7017 NVG Series Radio mounted in center console
119	3	961072-2NV	Technisonic A-711 audio panel NVIS
120	3	061249-6NV	Technisonic A-711X Expansion Audio Panel (required for independent transmit)
121	3	371849	Cigarette lighter plugs installed at customer specified locations
122	1	RG-28	KGS 28V to 14V Converters as required
123	2	75715, 75027 & 75115	Streamlight LED flashlight #75715 w/ IR flip lens #75027 and Red Flip lens #75115 installed in cust. Specified location
124	3	Bose X	Bose Noise Canceling Aviation Headsets
125	5	CIX 404-K3-6P	Comm Innovations CIX 404-K3-6P Headset Extension Cords
126	2	961077-1	Technisonic A740 Patch Bay (two required for A711X audio expansion panel)
127	1	961075-2NV	Technisonic A770 ICS Control Panel
128			

Exhibit A

Helicopter Purchase Price and Lease Payment Estimates

Estimated Mission Equipment Cost	\$1,730,210
<u>Amount held for helicopter purchase</u>	<u>(\$ 230,210)</u>
Total Amount to be financed	\$1,500,000

Proration for Mission Equipment Estimated Purchase Price (UAIC portion only)

<u>For Illustration</u>	<u>\$1,000,000</u>
Annual Payment, 7-Year Lease @ 2.206%	\$ 142,857

Assumptions:

- ✓ Based on semiannual payments
- ✓ The first lease payment is due one year after delivery of airframe.
- ✓ Airframe delivery date is estimated to be in the April 2009.

