

PURCHASING OFFICE
P.O. BOX 3371
PHONE 813-247-8034
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David Gee, Sheriff

HILLSBOROUGH COUNTY
TAMPA, FLORIDA 33601

SUBJECT: Bid 14-07, Helicopter Completion AS350 B2

ADDENDUM: Amendment #1

DATE: June 1, 2007

MESSAGE:

Please note and acknowledge the following changes for Bid No. 14-07, Helicopter Completion AS350 B2. We encourage you to visit our website to review all changes specified below.

- OPENING DATE HAS BEEN CHANGED TO **JUNE 8, 2007** AT SAME TIME AND LOCATION
- PART C – #8
- ADDITIONAL ATTACHMENTS HAVE BEEN ADDED
- ATTACHMENT B – REMOVE ITEMS # 17 & 19 – THESE ITEMS WILL BE PROVIDED BY THE HCSO AND ARE DOCUMENTED ON ATTACHMENT D
- PART D - #2, BID PROPOSAL

Sincerely,

- SIGNATURE ON FILE -

Stephen G. Crane
Comptroller

ADDENDUM NUMBER 1

ACKNOWLEDGEMENT OF ADDENDUM

We do hereby acknowledge the above changes to Bid No. 14-07, Helicopter Completion AS350 B2:

PLEASE PRINT - Company Name _____

By _____

Title _____

Date _____

Phone _____

Signature _____

8. Subject to the Preliminary Design Review Meeting successful bidder shall procure, manufacture, install and integrate items listed in the Attachments and on the airframe/engine in predetermined locations. Equipment that has a mandatory installation location per the aircraft manufacturer, equipment manufacturer or other competent authority shall be installed in that location per the manufactures installation instructions. Radio communications equipment, navigation equipment and antenna locations will be determined at the Preliminary Design Review Meeting. After the equipment type and installation locations have been determined any changes or modifications to the equipment or locations must be approved in writing by the Hillsborough County Sheriffs Office or designated representative.

ATTACHMENTS:

“A” Standard Equipment

“B” Non-Standard Equipment

“C” Avionics and Navigation

“D” Agency provided equipment to be installed by awarded bidder

“E” Additional Equipment Requirements

HCSO Paint Scheme Photographs

Attachment "A"

STANDARD EQUIPMENT

Left Hand Sliding Door
Cabin Heating/Demisting Circuit
High Skid Landing Gear
Long Boarding Steps (DART)
Collective Activated Hour Meter
Wire Strike Protection System EC Fixed Parts
Utility Interior (Colors TBD)
Energy Attenuating Seats Pilot/Copilot
Extended Seat Rails Pilot/Copilot
Right Hand High Visibility Window
Rotor Brake
NVG VEMD

STANDARD AVIONICS

Altitude Indicator	8800T	Shadin
ELT	121AF-H	Kennad
Blower		Cyclone

TOTAL PRICE FOR STANDARD EQUIPMENT AND AVIONICS

\$ _____

Attachment "B"

LOOSE EQUIPMENT

Collective Barrier Non-EMS
Right Hand Sliding Door with Hi-Vis Door Window
Dual Controls
Tail Rotor Guard
Engine Wash Kit with Wash Bottle

800 MHz Tactical Radio Erickson (CFE) 10W≤
Sheriff's Star Decal X2

TOTAL PRICE FOR LOOSE EQUIPMENT \$ _____

AIRFRAME EQUIPMENT

1.) Comfort Wedge Window For L/H Sliding Door
2.) Comfort Wedge Window For R/H Sliding Door
3.) Full length Carbide Skid Shoes 2 ea.
4.) Carbide Landing Gear Spring Blades 2 ea.
5.) FDC AeroFilter P/N #1350IN 1-7
6.) Air conditioning System R/H Baggage
7.) Whelen Strobe Lights – Belly and Vertical Fin Mounted
8.) Airframe Fuel Filter w/indicator
9.) Facet Engine Oil Filter
10.) Aft Baggage Door Fwd Hinge Kit Mod
11.) Door Spring Rods R/H and L/H
12.) Cargo Sling w/Dynamometer 1654 lbs – Complete
13.) Lead Acid Battery Conversion to Tail Boom Location
14.) Main Rotor Blade Tie-Down Kit
15.) Geneva Pedestal W/Electrical Upgrade NVG Compatible
16.) Heavy Duty Cabin Cargo Tie Down Rings
~~17.) Spectrolab Night Sun II XP~~
18.) Radio Master for Geneva Console
~~19.) Night Sun II XP Cabling / wiring~~
20.) Meeker Down Post Mount for FLIR 8500
21.) Meeker Mount for Star-Burst or Night Sun II
22.) Night Sun II XP "Light-on" Indicator on Instrument Panel
23.) **NOTE: ALL COCKPIT / INSTRUMENT LIGHTING TO BE NVG CERTIFIED**
24.) AE Standard Panel VEMD
25.) Aero-Dynamicx NVIS Overlay
26.) FreeFlight Radar Altimeter TRA4000 w/indicator
27.) AKV Cycle Counter (latest revision)
28.) Magnetic Pickup bracket and Accelerometer brackets only for Track and Balance
29.) Loincoin II Fleckstone #510 Onyx Flooring

Tech Tool Plastics
Tech Tool Plastics
Carbide Technology
Carbide Technology
FDC STC# SR00811SE or equal (AFS)
Platinum Aviation (Integrated Flight Systems)
Whelen Lighting Systems
Michigan Dynamics
Facet (Purolator Products)
ECL/Dart (STC SH1012NE)
AAI/EA or equal
Breeze Hook
RG390 Battery VERIFY C.G. Location with hoist
ECL
Geneva (including Cyclic Mods)
STC #SH7693SW-D
Spectrolab

Spectrolabs
Meeker Dove Tail Mounts Male/Female and collar
Meeker Dove Tail Mounts Male/Female

TOTAL PRICE FOR AIRFRAME EQUIPMENT \$ _____

“Attachment C”

AVIONICS AND NAVIGATION

1.) Attitude Gyro W/Slip Indicator	AIM1100-28LS	
2.) Comm/Nav/GPS “COMM-1”	GNS530 Garmin w/cyclic frequency switching	
3.) Comm-2	KY196A-60	Bendix King
4.) Compass w/switching	SN 3500 EHSI	SANDEL (NVG COMP) KG 102A Gyro
5.) Transponder	GTX327	Garmin Wired thru Avi/Mstr SW
6.) Blind Encoder	SSD120	Trans Cal Industries
7.) ELT (w/ I/P Mounted SW)	ELTC406N-HM	Artex
8.) Audio Panel 2 each Pilot/ Co-Pilot	AMS43	NAT
9.) Pilot and Co-Pilot Head Set Jacks in Overhead	Overhead Centered just aft of Front Seats	
10.) 4 Station Rear ICS	Transmitt capabilities on 800 MHz.	
11.) Coil Cords 4 each	Mason Electric or equal	
12.) Foot Switch	L-2-S	Linemaster - per photograph
13.) FM Transceiver	TFM500/G	Technisonic
14.) 28-14 VDC Converter	UC28-14	KGS
15.) Side Tone Amplifier	AA34-300	NAT
16.) 800 MHz Antenna	CI 306	Comant
17.) Radio / Avionics Master Switch		
18.) TCAD w/o indicator	Ryan 9900BX	Avidyne - Display on GNS530
19.) Air Data Computer	ADC200	Shadin
20.) Alternate Light Source (NVG COMP)		AEC
21.) 2” Turn Bank Gauge		

TOTAL PRICE FOR AVIONICS AND NAVIGATION

\$ _____

“Attachment D”

AGENCY PROVIDED EQUIPMENT TO BE INSTALLED BY AWARDEE

- | | | |
|-----|-------------------------------------|--|
| 1.) | Broadcast Microwave Services (BMS): | Helicopter Transmit System will be provided complete with all necessary equipment for installation into the American Eurocopter AS350B2 helicopter. Completion Station must specify lengths of cables needed for installation. |
| 2.) | FLIR Systems: | ULTRA 8500 Airborne Imaging System and related equipment to be installed in typed aircraft. System to be interfaced with the Avalex System |
| 3.) | Nightsun XP Searchlight | Spectrolab Inc. Nightsun XP Searchlight to be installed and interfaced with the FLIR 8500 system |
| 4.) | External Rescue Hoist System | Goodrich Hoist System – Model #44301-1-9 and the Hoist Installation Kit # 44311-1-41 |
| 5.) | 200 Amp Generator./Starter | WECO Areospace – 200 AMP Generator/starter. To support electrical components while operating the hoist system |
| 6.) | Avalex AMS 7100 | Moving Map System and AVR 8000 Recorder System
AVR 8000 Digital Recorder
wiring and cables.
AMS 7100 Processor
12” Monitor AVM-4120 Touch Screen
Mission Data Recorder ADR9020
Remote Key Pad ARK 9100
Ruggedized Keyboard/Touchpad ARK 9200H
VAC Brick P/N# 11-533-104 Rev. b Video Splitter Video
Accessory Corp. |

**TOTAL PRICE FOR THE INSTALLATION OF
AGENCY PROVIDED EQUIPMENT \$ _____**

“Attachment E”

ADDITIONAL EQUIPMENT REQUIREMENTS
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1.) Three (3) Color exterior Paint per HCSO Paint Scheme.	Imron Paint	
	White	L3392HL
	Dark Green	L0367HL
	Gold	50205HL
2.) Clear Coat over HCSO Stars	Clear	34805
4.) LOJACK Stolen Vehicle Police Tracking System	LoJack	STC# SH8004NM
5.) AAI Arriel PC/P2 Safety Valve	Aeronautical Accessories	
6.) Antennas, GPS, COMM , NAV, GS, VOR etc	As required	

TOTAL PRICE FOR ADDITIONAL EQUIPMENT \$ _____

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The undersigned has carefully examined the bid package and all conditions affecting the cost of the service/commodity required by the Hillsborough County Sheriff's Office.

We hereby propose to furnish the below described service in accordance with the bid package, except as noted on attached Exceptions Form:

DESCRIPTION	UNIT PRICE
PARTS/EQUIPMENT DISCOUNT	% _____
<u>Travel:</u> (Part C - Technical Specifications)	
Two (2) airfare, lodging and ground transportation for a minimum of two (2) Days	\$ _____
<u>Aircraft Completions</u>	
*Basic Labor Estimated Hours _____ Hourly Rate: _____	\$ _____
Total price for Standard Equipment and Avionics – Attachment A	\$ _____
Total price for Loose Equipment and Airframe Equipments – Attachment B	\$ _____
Total price for Avionics and Navigation – Attachment C	\$ _____
Total price for installation of agency provided equipment – Attachment D	\$ _____
Total price for additional equipment – Attachment E	\$ _____
Estimated freight charges:	\$ _____
<u>Total Estimated Completion</u>	\$ _____
Estimated completion date in months from time helicopter is received: <u>(Detailed list of each item should be included as an attachment as specified In Part C, Technical Specifications, #6.</u>	_____ MONTHS

*Basic Labor Includes: Receiving, Disassembly, Cleaning, NDT, Detailed Parts Inspection, Reassembly, FAA and QC inspections, Documentation, Record Research and Updates, Preservation for shipment.