



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Fire Department
Department No.: 031
For Agenda Of: November 17, 2020
Placement: Administrative
Estimated Time: N/A
Continued Item: No
If Yes, date from:
Vote Required: 3/5

TO: Board of Supervisors

FROM: Department Mark Hartwig, Fire Chief, 805-681-5500
Director(s)
Contact Info: Shawna Jorgensen, CFO, 805-681-5506
Woody Enos, Deputy Fire Chief of Operations 805-681-4202

SUBJECT: Agreement between the County of Santa Barbara and United Rotorcraft for the Installation of the Fixed Belly Tank – Sikorsky HH60-L 964

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve and authorize the Chair to execute an Agreement for the services of an Independent Contractor (Attachment A), United Rotorcraft, for the installation of a fixed belly tank on the Sikorsky HH-60L Firehawk, for a total contract amount not to exceed \$2,495,000, as sole source procurement without being required to conduct a formal bid process; and
- b) Approve and authorize the Fire Chief or designee to approve up to a 10% contingency with United Rotorcraft, in the amount not to exceed \$249,500, for any additional items within the scope of work that may be required to complete the modification and/or inspections; and
- c) Find that the proposed Agreement is not a project under the California Environmental Quality Act (CEQA) pursuant to CEQA Guideline section 15378(b)(2) in that the Agreement involves a continuing administrative or maintenance activity, and CEQA Guidelines section 15378(b)(5), in that the Agreement involves an organizational or administrative activity of government that will not result in the direct or indirect physical change in the environment.

Summary Text:

This Agreement is for the purchase of items, materials, and services specified in Attachment A for parts and services necessary for the installation of a fixed belly tank for Helicopter 964, a 2004 Sikorsky HH-60L Blackhawk helicopter. The fixed belly tank provides a significant increase in working capacity for the Santa Barbara County Air Support Unit (ASU), carrying a capacity of up to 1,000 gallons of water per drop, triple the capacity of the current fleet. This tank is unique from any other option in that it allows the aircraft to maintain its multi-mission capability in firefighting, hoist rescue, and medical evacuations without the need for any reconfigurations. It also allows the helicopter to be filled while on the ground, the standard practice for nighttime firefighting operations. This contract represents the final step to fully convert the Blackhawk helicopter into a Firehawk.

The vendor, United Rotorcraft, is an established County vendor and provides helicopter repair and inspection services for the ASU. United Rotorcraft is the only vendor who is FAA certified to install the fixed belly tank, thus the Department requests that the Board approve the contract be awarded as a sole source procurement without being required to conduct a formal bid process.

Background:

On December 11, 2018, your Board approved the purchase of the 2004 Sikorsky HH-60L Blackhawk helicopter. Since its purchase, The Blackhawk helicopter has undergone a full retrofit with all-new state of the art avionics, paint, and a new rescue hoist. In addition to the upgrades, the helicopter was tested, certified and transformed from a military grade helicopter to a helicopter configured to meet the missions of public safety for the citizens of Santa Barbara County. The build-up was completed in October of 2020.

We are requesting that the Blackhawk helicopter undergo a final modification that includes an installation of a fixed belly tank to carry and disperse water for firefighting purposes. The fixed tank requires modifying the landing gear of the Blackhawk to raise the aircraft in order to accommodate a 1,000-gallon water tank.

The fixed belly tank will provide a significant increase in working capacity for the ASU. The belly tank also allows the helicopter to drop off ground crews of firefighters at a fire and immediately attack the flames, whereas a helicopter with a bucket attached cannot move crews around and thus would have to return to a staging area after dropping off crews to attach a water-dropping bucket before returning to the fire front to attack the flames.

In addition, the belly tank carries three times the amount of water per drop than the existing Huey fleet. The increased water-dropping capability per drop, coupled with the increased stability the HH-60L offers when flying in high winds, will support vital firefighting efforts during sundowner wind and red flag events.

Once the fixed-belly tank modifications are complete, the Firehawk is expected to be operationally ready to respond to all fire-related missions in Summer 2021.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>FY 2021-22 Cost</u>	<u>Total One-Time Project Cost</u>
Federal HSGP Grant	\$ 208,000	\$ -	\$ 208,000
Fund Balance	1,538,500	748,500	2,287,000
Donations	TBD	TBD	\$ -
Projected Total	\$ 1,746,500	\$ 748,500	\$ 2,495,000

<u>Contingency Funding Sources</u>	<u>Current FY Cost:</u>	<u>FY 2021-22 Cost</u>	<u>Total One-Time Project Cost</u>
Fund Balance	\$ 174,650	\$ 74,850	\$ 249,500
Do Not Exceed Total	\$ 1,921,150	\$ 823,350	\$ 2,744,500

Narrative: The FY 2020-21 budget includes the funding for the installation of the fixed belly tank, funded with a combination of fund balance and anticipated donations. Donation efforts are currently underway. Once additional donation amounts are confirmed, the Fire Department will bring this information to the Board for review and acceptance of the donations. This will result in reducing or eliminating the need to fund these costs with Fire District Fund Balance. The Fire Department has assumed financial responsibility for the fixed belly tank installation costs associated with the Sikorsky HH-60L Blackhawk Helicopter 964.

Per the firm-fixed pricing schedule the Fire Department will pay the following milestone payments:

United Rotorcraft Fixed-Belly Tank Firm Fixed Pricing Schedule

<u>Milestone</u>	<u>Timeframe</u>	<u>Description</u>	<u>Details</u>	<u>Total Amount</u>	<u>Percent</u>
Milestone 1	Contract Award	Uninstalled finished goods	For Acquisition of Materials: Belly Tank, Snorkel, Kit Hard Points, Electrical/Controls	\$ 998,000	40%
Milestone 2	April-21	Aircraft Induction In Englewood CO	Functional Costs: Engineering, Landing Gear Modification, Tank Controls and Displays, Tank/Kit Installation	\$ 748,500	30%
Milestone 3	July-21	Customer Acceptance	After Final Inspection is Performed and Accepted by COUNTY	\$ 748,500	30%
Total Cost for Fixed-Belly Modification				\$ 2,495,000	100%

Key Contract Risks:

The overall contract risk level was determined to be low risk, based on the County Risk Assessment. The overall contract amount is the key contract risk to the County. The Fire District will mitigate this risk by ensuring that all milestones are met prior to issuing payment. Final payment will not be issued until Fire

District staff has performed an in-person inspection of the work completed. The final inspection will include a flight test.

The County Air Support Unit has worked with United Rotorcraft and has not experienced any significant performance or financial issues historically. United Rotorcraft's Englewood, CO facility is an approved FAA Repair Station, maintains a FAA Organization Designation Authorization (ODA), and has been AS9100 certified since 2013.

Special Instructions:

Please provide a certified copy of the minute order and copy of the fully executed agreement to Shawna Jorgensen, Fire Department, and Purchasing.

Attachments:

- A. Agreement for Services of Independent Contractor between the County of Santa Barbara and United Rotorcraft – Fixed Belly Tank and Lift Conversion

Authored by:

Shawna Jorgensen, CFO

cc:

Woody Enos, Deputy Fire Chief of Operations
Matt Farris, Support Services Division Chief
Anthony Stornetta, Air/Wildland Battalion Chief