SUBJECT: INSPECTION/OVERHAUL OF ROLLS-ROYCE ALLISON 250-C47B TURBINE ENGINE

BID #: XF-0367-17 **OPEN DATE:** 4/6/2017

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT:
SERVICE CONTRACT – ONE TIME PURCHASE

AGENCY: SHERIFF'S OFFICE

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 8 **NUMBER RECEIVED:** 3 **NO BID:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Award was approved as an Administrative Award on 4/6/17 in the amount of $40,323.52. An increase in the amount of $105,857.33 was requested and approved 7/15/2017.

Recommend approval to amend and increase the award with Vector Aerospace Helicopter Services, Inc. in the amount of $4,466.50 to cover all labor and parts required due to issues that were discovered during the testing of the overhauled engine. Total revised maximum expenditure not to exceed $150,647.35.

Funding for this increase to be encumbered by account SHPO011CAAV-04603 to be executed by Purchase Order Change Order.

Attachments: Recommendation Memo; Vendor itemized Quotation; Previous Awards

Analyst: _____ STEVEN BURAKOWSKI **RESPECTFULLY SUBMITTED:** _____ GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: **Bill Clement, Chief, Budget & Management Division, Jacksonville Sheriff's Office**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

Jacksonville Sheriff's Office

Duval County, Florida

Mike Williams, Sheriff

501 E. Bay Street
Jacksonville, FL 32202

To: Gregory Pease
Chief of Procurement

Thru: Bill Clement, CPA
Chief of Budget & Management Division

From: Mike Bruno MDB
Director of Department of Patrol & Enforcement

Subject: XF-0367-17 Overhaul Inspection of Rolls Royce Allison 250-C47B Turbine Engine

Date: August 4, 2017

We are requesting an amendment to the award to Vector Aerospace Helicopter Services, Inc., for Bid XF-0367-17 Overhaul Inspection of Rolls Royce Allison 250-C47B Turbine Engine (PO7A06651) to increase the awarded amount by $4,466.50 to a new not to exceed amount of $150,647.35. This increase is necessary due to items that were found during the testing of the overhauled engine. This is needed to in order to return the engine to an airworthy condition. Attached is a revised estimate for completion from Vector Aerospace Helicopter Services, Inc., the authorized Rolls Royce Allison center. The funding source is SHPO011CAAV – 04603.

Please let me know if you require any additional information. Thank you for your assistance.

August 2, 2017

City of Jacksonville

Attn: Procurement Dept. **Purchase Order: PO7A06651**

Teardown/Evaluation Quote
ENGINE ASSY, C47B
CAE-847638

City of Jacksonville
214 N Hogan Street, STE 800
Jacksonville, FL Jacksonville, F 32202
United States

Presented by: MICHAEL MONES, Customer Support, Vector Aerospace
604-276-7562 michael.mones@vectoraerospace.com

MDB

VECTOR AEROSPACE

Vector Aerospace Helicopter Services Inc
4551 Agar Drive
Richmond, BC
Canada V7B 1A4
Tel: 604-276-7600
www.vectoraerospace.com

Teardown/Evaluation Quote

City of Jacksonville
214 N Hogan Street, STE 800
Jacksonville, FL Jacksonville, F 32202
United States

Vector Aerospace is pleased to present you with our quote for your ENGINE ASSY, C47B , S/N: CAE-847638, as referenced on your PO#: PO7A06651.

*** REVISION: Due to Bleed Valve repair and final re-test ***

Please see below for the pricing and detail summary:

Estimate Price Summary		
ENGINE ASSY, C47B	$	21,879.33
COMPRESSOR ASSY	$	18,411.49
GEARBOX ASSY	$	40,284.79
TURBINE ASSY	$	70,071.74
Total Estimate	$	**150,647.35**

Payable in USD

Key Notes to the Teardown/Evaluation Quote:

This Estimate is valid for 30 days; if it is not approved within 30 days, full invoice will be issued.
This invoice will be due net 30 days from issue and will be credited against the final invoice total of this job after subsequent Customer Approval and completion / shipment of the product.
All prices are subject to change if job is not approved by January 1 of upcoming calendar year.

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Detail Summary ENGINE ASSY, C47B W/O: 37-07937 CAE-847638

New Parts	$	3,580.18
Labour & Testing	$	14,237.00
Reworks	$	4,062.15
Subtotal:	**$**	**21,879.33**

New Parts $ 3,580.18

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-518	C47 ENGINE BUILD 90175 -100% replacement	$	2,738.82	$	2,136.28
1	KIT-250-519A	C47 ENGINE BUILD OH -100% replacement	$	472.57	$	368.60
1	KIT-250-519B	C47 EXCITER 23064130 -100% replacement	$	13.80	$	10.76
1	23039030-14	CLAMP -Worn	$	18.22	$	14.21
1	23056451	ELEMENT, FUEL FILTER -Work scope	$	447.41	$	348.98
1	23060435	TUBE, SCAVENGE OIL -Dented	$	398.20	$	310.60
1	23066399	WASHER, INSULATION -Not received	$	44.11	$	34.41
1	23066650	WASHER, INSULATION -Not received	$	29.12	$	22.71
1	6854056	BRACKET, FLAT -Cracked	$	29.71	$	23.17
1	6895551	SPRING, VALVE -Worn	$	194.13	$	151.42
1	AN837-8J	ELBOW -Not received	$	145.02	$	113.12
1	AN924-8J	NUT -Not received	$	17.43	$	13.60
8	AN960C10	WASHER -100% replacemen	$	5.12	$	3.99
4	MS27039C1-08	SCREW -100% replacement	$	5.80	$	4.52
4	MS27039C1-09	SCREW -100% replacement	$	1.56	$	1.22
1	MS9015-03	PLUG -Bulletin upgrade	$	28.96	$	22.59
	Total		**$**	**4,589.98**	**$**	**3,580.18**

New Parts discount 22.00% = $1,009.80

Labour & Testing $ 14,237.00

Qty	Part Number	Description		Extended Price
1	23063392	ENGINE ASSY, C47B -2000Hour Inspection	$	8,160.00
1	23063392	ENGINE ASSY, C47B -Test Run	$	3,038.50
1	23063392	ENGINE ASSY, C47B -Additional final test	$	3,038.50

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Reworks $ 4,062.15

Qty	Part Number	Description		Extended Price
1	23030911	CASE ASSY, COMBUSTION -CLEAN -NDT -PRESSURE CHECK -INSPECT AND ESTIMATE -REFORM DENTS -COLDWORK FUEL NOZZLE BOSS PARALLEL TO FLANGE	$	538.05
1	23073353	C47 BLEED VALVE -REPAIR	$	1,428.00
1	23064570	LINER ASSY, COMBUSTION -PMI E0001 - REPAIR CRACKS -NOZZLE FERRULE W/O BRAZE INSERT, WELD LANDS (ALRI 019-A) -PMI E0001 - RE-GAP LINER	$	1,034.45
1	23069751	MOUNT, REAR ENGINE -REPLACE WORN PIN(S)	$	325.55
1	23064612	TUBE, DISCHARGE -CLEAN -NDT -PRESSURE TEST, INSPECT/ESTIMATE -COLDWORK DENTS (ITEM 25)	$	368.05
1	23064612	TUBE, DISCHARGE -CLEAN -NDT -PRESSURE TEST, INSPECT/ESTIMATE -COLDWORK DENTS (ITEM 25)	$	368.05
	Total		**$**	**4,062.15**

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Detail Summary COMPRESSOR ASSY W/O: 37-07970 CAC-45292

New Parts	$	9,253.59
Labour	$	4,200.00
Reworks	$	4,957.90
Subtotal:	**$**	**18,411.49**

New Parts $ 9,253.59

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-510A	C47 COMPRESSOR OH -100% replacement	$	23.22	$	18.11
1	KIT-250-514	C47 COMP INSTALL -100% replacement	$	213.39	$	166.44
1	23004514	RING, MATING -Scored	$	143.42	$	111.87
1	23051117-1	ADAPTER, COUPLING COMP -Worn internal splines	$	4,512.61	$	3,519.84
4	23087640-0805	BOLT -Coating loss	$	103.64	$	80.84
2	23087640-0809	BOLT -Coating loss	$	18.32	$	14.29
1	23089905	SEAL, PLAIN ENCASED -Scored mating face	$	353.98	$	276.10
1	6893614	NUT, SPANNER -Used locks	$	435.98	$	340.06
1	M250-10022	GEARSHAFT ASSY, SPUR -Worn splines at compressor and turbine sides	$	4,367.70	$	3,406.81
1	M250-10393	BEARING, NO.1 -Pitted bearing outer race inner raceway surface	$	1,671.61	$	1,303.86
1	MS9489-06	BOLT -Damaged threads	$	19.70	$	15.37
	Total		**$**	**11,863.57**	**$**	**9,253.59**

New Parts discount 22.00% = $2,609.98

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Labour $ 4,200.00

Qty	Part Number	Description		Extended Price
1	23065593	COMPRESSOR ASSY -Repair	$	4,200.00
	Total		**$**	**4,200.00**

Reworks $ 4,957.90

Qty	Part Number	Description		Extended Price
1	AS12841	CLIP, OUTER -BRUSH CADMIUM PLATE	$	276.25
1	23064637	DIFFUSER ASSY, VANE -FLOW & ADJUST DIFFUSER VANE SEGMENTS	$	255.00
1	23061928	HOUSING, SHROUD -RECOAT SHROUD CONTOUR WITH XPT 268	$	751.40
1	23065591	IMPELLER ASSY, COMP -BLEND FOR EROSION -POLISH BLADES	$	701.25
1	23061239	MANIFOLD, BLEED AIR -BRUSH NICKEL PLATE	$	127.50
1	23007217	MOUNT ASSY, COMP -SKIM PADS TO IMPROVE FLATNESS AND PARALLELISM	$	283.05
1	23065592	ROTOR ASSY, COMP -BALANCE COMPRESSOR ROTOR	$	212.50
1	23072862	SCROLL ASSY, COMP -NDT -WELD REPAIR CRACKS -CORRODED TRIANGULAR PAD/S - SKIM -ELECTROLESS NICKEL PLATE	$	1,835.00
1	23051106	SUPPORT ASSY, FRONT -CLEAN -PRESSURE CHECK -COLDWORK INNER HUB TANG SLOTS	$	515.95
	Total		**$**	**4,957.90**

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Detail Summary GEARBOX ASSY W/O: 37-07971 CAG-47638

New Parts	$	25,421.24
Labour	$	5,500.00
Reworks	$	9,363.55
Subtotal:	**$**	**40,284.79**

New Parts $ 25,421.24

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-511A	C47B GEARBOX BUILD KIT -100% replacement	$	18.29	$	14.27
1	KIT-250-511C	C47B GEARBOX POST 72-6016 -100% replacement	$	.30	$	.23
1	KIT-250-522	C47B OIL FHA KIT -100% replacement	$	2.32	$	1.86
1	23063426	SEAL, DOUBLE LIPPED -Repair required	$	101.00	$	78.78
1	23071792	RING, RETAINING -Worn	$	299.60	$	233.69
1	23088379	POPPET, PRESSURE -Worn	$	39.03	$	30.44
1	500016-1	SLEEVE,OIL FILTER,1.122" -Repair required	$	16.00	$	12.48
1	6809796	SPRING, HELICAL -Distorted	$	40.04	$	31.23
1	6810345	SPRING, HELICAL -Distorted	$	16.91	$	13.19
1	6840380-98	RING, RETAINING -Distorted	$	2.80	$	2.18
1	6889316-2	BEARING CAGE, (STARTER) -Repair required	$	542.29	$	422.99
1	6895007	BEARING, ROLLER -Scored bearing rollers & roller ends	$	4,914.27	$	3,833.13
1	6895007	BEARING, ROLLER -Fretting corrosion on bearing outer race	$	4,914.27	$	3,833.13
1	AN150832	STUD -Cracked	$	3.22	$	2.51
1	AS3085-016	PACKING -100% replacement	$	.30	$	.23
1	AS3209-014	PACKING -100% replacement	$	.20	$	.16
1	AS3209-126	PACKING -100% replacement	$	.70	$	.55
1	AS3216-124	RING, RETAINING PTO -Distorted	$	7.21	$	5.62
1	M250-10080	GEARSHAFT, PTO -Spalled	$	13,328.94	$	10,396.57
1	M250-10116	BEARING, BALL -Fretting corrosion on bearing outer race	$	233.85	$	182.40

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1	M250-10121	BEARING, BALL -Oversized bearing ID	$	2,383.36	$	1,859.02
1	M250-10347	BEARING, ROLLER -Scored bearing roller	$	3,527.73	$	2,751.63
1	M250-10398	BEARING, BALL -Bulletin upgrade iaw CEB 72-6071	$	2,168.11	$	1,691.13
1	M250-10767	TUBE, OIL DELIVERY -Bulletin upgrade	$	1,674.03	$	.00
1	M83248/1-012	PACKING -100% replacement	$	.28	$	.22
1	MS124658	HELICOIL 0.3750-24 0.375" -100% replacement	$	2.89	$	2.25
1	MS171592	PIN -Worn	$	1.59	$	1.24
1	MS171592	PIN -Worn	$	1.59	$	1.24
1	MS9486-49	PIN -Worn	$	24.19	$	18.87
	Total		**$**	**34,265.31**	**$**	**25,421.24**

New Parts discount 22.00% = $8,844.07

Labour $ 5,500.00

Qty	Part Number	Description		Extended Price
1	23063393	GEARBOX ASSY -Repair	$	5,500.00
	Total		**$**	**5,500.00**

Reworks $ 9,363.55

Qty	Part Number	Description		Extended Price
1	6899407	CAP, OIL FILTER -PAINT	$	148.75
1	23065470	COVER ASSY, GEARBOX -STRIP PAINT AND CLEAN -CMM, INSPECT/ESTIMATE -SKIM TURBINE MOUNTING PADS -SKIM #3 & #4 BEARING CAGE BORE -REPLACE LARGE BRG CAGE #5. METALLIZE BORE -REPAIR DOWEL HOLES (RI 500006) -PAINT	$	2,187.90
1	AS3222	COVER, ACCESSORY DRIVE -PAINT	$	155.55
2	AS3221	COVER, ACCESSORY DRIVE -PAINT	$	311.10
1	23007248	GEARSHAFT, FUEL CONTROL -GRIND INDICATED SEAL JOURNAL/S TO CLEAN UP	$	178.50
1	23030990	GEARSHAFT, OIL PUMP -CHROME PLATE SEAL/BEARING JOURNAL/S	$	2,272.25

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1	6892285	GEARSHAFT, STARTER -GRIND INDICATED SEAL JOURNAL/S TO CLEAN UP -CHROME PLATE SEAL/BEARING JOURNAL/S	$	1,330.00
1	23084248	GEARSHAFT, TORQUEMETER -PMI C0011 - MOLY COATING OF T/M GEARS	$	844.05
1	23076082	HOUSING ASSY, GEARBOX -STRIP PAINT AND CLEAN -CMM, INSPECT AND ESTIMATE -INSTALL HELICOILS IN OIL PORTS (PRPL 2-C003, ITEM 5) -REPAIR CORROSION (PRPL 2-C003) -REPLACE STUDS AND/OR THREADED INSERTS -METALLIZE COMP PILOT DIAMETER #6 -SKIM COMPRESSOR MOUNTING PADS -PAINT	$	1,637.95
1	23035105	HOUSING, OIL FILTER -REPAIR PRESSURE REGULATOR BORE (RI 500016) -PAINT	$	297.50
	Total		**$**	**9,363.55**

Detail Summary TURBINE ASSY W/O: 37-07972 CAT-44930

New Parts	$	43,692.04
Labour	$	7,494.00
Reworks	$	18,885.70
Subtotal:	**$**	**70,071.74**

New Parts $ 43,692.04

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-512	C47 TURBINE OH -100% replacement	$	2,059.02	$	1,606.04
1	KIT-250-512A	C47 TURBINE OH -100% replacement	$	40.24	$	31.39
1	23004203	SEAL,INNER BALANCE C20B P -Cracked	$	1,239.35	$	966.69
1	23004205	COVER -Cracked	$	230.56	$	179.84
1	23030982	NUT, PT INNER -Used locks	$	246.75	$	192.47
1	23032345	COUPLING, TURB COMP -Worn splines	$	2,733.90	$	2,132.44
1	23034927	THERMOCOUPLE ASSY, TURB -Cracked probe missing a piece	$	2,178.03	$	1,698.86
1	23038136	SHAFT, OUTER -Corroded/pitted	$	5,267.63	$	4,108.75
5	23055441-01	KEYS C28,C30 #2 NOZZLE -Repair required	$	620.10	$	483.68
1	23058137	PLATE, THRUST -Warped	$	317.93	$	247.99
1	23060164	SEAL, OMEGA RING -Cracked	$	1,264.91	$	986.63
1	23065575	DOME -Cracked	$	242.41	$	189.08

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1	23065580	DEFLECTOR -Cracked	$	189.95	$	148.16
1	23076529	ADAPTER, SPLINED TURB -Corroded/pitted	$	1,892.88	$	1,476.45
1	23090049	RING, RETAINING -Bulletin upgrade	$	55.99	$	43.67
1	23090547	SEAL, FORWARD LABYRINTH -Damaged	$	244.61	$	190.80
1	560PLAST-004	PLASMA HARD-MASK -Repair required	$	10.12	$	7.89
1	6748072-187	RING, INTERNAL RETAINING -Fretted	$	6.00	$	4.68
8	6844422	DAMPER, BEARING -Scored	$	491.44	$	383.32
2	6844422	DAMPER, BEARING -Scored	$	122.86	$	95.83
1	6848996-3	WASHER, FLAT -Worn	$	91.52	$	71.39
1	6850314	BOLT -Worn	$	29.13	$	22.72
1	6859073	RING, RETAINING -Broken	$	54.72	$	42.68
3	6876097-03	BOLT, DOWEL -Worn	$	677.34	$	528.33
3	6876097-03	BOLT, DOWEL -Worn	$	677.34	$	528.33
4	AN117004	SCREW -Damaged threads	$	22.84	$	17.82
1	M250-10106	BEARING, NO.5 -Fretted bearing outer race OD surface	$	823.14	$	642.05
1	M250-10117	BEARING, ROLLER -Silver plate peeled-off / de-bonding	$	720.34	$	561.87
1	M250-10117	BEARING, ROLLER -Fretted bearing outer race OD surface	$	720.34	$	561.87
1	M250-10227	WHEEL, 1ST STAGE TURBINE -Time expired	$	13,027.42	$	10,161.39
1	M250-10658	WHEEL, 2ND STAGE TURB -Time expired	$	19,711.47	$	15,374.95
1	MS9432-06	BOLT, TEE HEAD -Damaged threads	$	5.10	$	3.98
	Total		**$**	**56,015.38**	**$**	**43,692.04**

New Parts discount 22.00% = $12,323.34

Labour $ 7,494.00

Qty	Part Number	Description		Extended Price
1	23063354	TURBINE ASSY -Overhaul	$	7,494.00
	Total		**$**	**7,494.00**

Reworks $ 18,885.70

Qty	Part Number	Description		Extended Price
1	23060495	COLLECTOR, EXHAUST -FULL WELD FLOW SPLITTER & BRACKETS -METALLIZE BEARING & SEAL BORES, AND SHOULDER	$	1,069.30

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1	6898945	COVER, GP OIL -METALLIZE WORN AND/OR DISTORTED FLANGE	$	601.80
1	23062062	COVER, OIL SUMP -CLEAN -NDT -INSPECT/ESTIMATE -METALLIZE BOTH SEAL BORES	$	786.25
1	23069704	FIREWALL, HORIZONTAL -STRAIGHTEN SHEET METAL	$	134.30
1	6892826	FITTING, DRAIN -P/N 6892826 - SKIM TO RESTORE CHAMFER PER PRINT (RI 500061)	$	297.50
1	23062061	NOZZLE ASSY, 1ST STAGE -WELD REPAIR CRACKS/DEFECTS -FLOW TO MINIMUM	$	854.25
1	23075935	NOZZLE ASSY, 2ND STAGE -CLEAN -NDT -INSPECT/ESTIMATE -REPLACE KEYS ONLY OR REPAIR LOOSE DIAPHRAGM -#1 BLADE PATH & FORWARD FLANGE - METALLIZE -#2 BLADE PATH - METALLIZE	$	1,665.15
1	23064583	NOZZLE, 3RD STAGE -FURNACE BRAZE CRACKS -FLOW AND ADJUST	$	1,210.80
1	23064596	NOZZLE, 4TH STAGE -FLOW AND ADJUST	$	276.25
1	23054648	RING, ENERGY ABSORBING -REPAIR WORN TANGS -BLEND WEAR ON OD, ID, OR END FACE	$	474.30
1	23073566	SHIELD, 1ST STAGE NOZZLE -REPLACE DOME AND DEFLECTOR - FOR P/N 23073566 & subsequences	$	657.90
1	6893029	SUMP ASSY, EXTERNAL -RESTORE FITTING CHAMFER -RESTORE SEALING SURFACE	$	276.25
1	23058145	SUPPORT ASSY, GP -CLEAN -NDT -CMM TANG SLOTS TO BEARING BORE & CONTAINMENT PADS -INSPECT AND ESTIMATE -WELD REPAIR NOZZLE TANGSLOTS -WELD REPAIR CONTAINMENT RING TANGSLOTS -PMI D0006 - ADD CONTAINMENT RING TANGSLOTS -CONTAINMENT RING PADS - THERMAL SPRAY REPAIR -FLANGE S - SKIM	$	1,932.90
1	23062056	SUPPORT ASSY, PT -CLEAN -NDT -PRE-MACHINE 19-24 SEAL -PRESSURE TEST CLOVERLEAF COVER AND STRUTS -CMM - DAMPER GROOVES, TANG SLOTS TO BRG BORE, SEALS (A/R) -INSPECT AND ESTIMATE -PMI D0029 - REPLACE 19-24 SEAL & CLOVERLEAF COVER(CEB72-3281 -CHROME PLATE BRG BORE AND METALLIZE 19-24 SEAL -SUMP FACE - SKIM TO TRUE UP -SKIM 25-28 SEAL DIAMETER TO IMPROVE RUNOUT	$	8,500.00
1	6898976	TEE, OIL PRESSURE -P/N 6898976 - SKIM TO RESTORE CHAMFER PER PRINT (RI 500061)	$	148.75

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Specific Terms and Conditions

1. *The estimate has been compiled based on findings during detail inspection; should there be any adjustments, we will notify you in writing without delay.*
2. *This estimate is subject to satisfactory functional test of the fuel/electrical accessories.*
3. *This estimate is subject to satisfactory completion of subcontract repairs.*
4. *This estimate includes serviceable used parts. Please be reminded that we can't guarantee availability without signed approval.*

We are holding work on your unit pending receipt of your signed authorization for us to proceed.

Please sign in the space below to accept these costs and Vector Aerospace's Terms and Conditions.

Total Estimate	**$**	**150,647.35**

Should this estimate cause your amount to exceed your established credit limit, you may be contacted by our credit department prior to the anticipated shipment of your unit.

Authorized Signature: _____ **Date:** _____

Please advise your required return date for this unit: (MM/DD/YY) _____

Please initial if you would like scrap parts returned: ___

Unit to be shipped to the address indicated on the PO unless otherwise stated

Vector Aerospace would like to thank you again for the opportunity to provide our services.

Please do not hesitate to contact the undersigned should you have any questions or concerns regarding the above quote.

_____ *Date:* _____

MICHAEL MONES, *Customer Support Manager, Vector Aerospace*

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Terms & Conditions

IMPORTANT – Please read carefully

1. **Estimate Approval.** The customer is responsible for approving or rejecting this estimate within thirty (30) days of the date of the estimate. After such time, if the estimate has not been approved or rejected, Vector may invoice the customer the cost of the teardown and inspection. Vector may also charge storage fees for holding the customer unit or aircraft.

2. **Escalation & Taxes.** All pricing is in 2017 U.S. Dollars and may be subject to escalation in future years. All taxes (including but not limited to sales, excise and withholding taxes), tariffs, duties, levies, fees (including export licensing costs) and surcharges are the responsibility of the customer.

3. **TAT.** The estimated turnaround time (TAT) for the stated work scope is from the date of receipt of the unit/aircraft, receipt of the purchase order or approval of the estimate, whichever is later, until the date of completion. This TAT is subject to parts availability, additional work requirements (AWRs), customer holds or delays, and any event(s) beyond Vector's reasonable control, including but not limited to supplier shortages, export licensing and events of force majeure.

4. **Safety.** Customer will provide compliance status for all applicable mandatory directives and bulletins. Vector reserves the right to refuse to test a unit or fly an aircraft with any outstanding flight safety issues.

5. **Shipping.** Vector will make all units available to a mutually agreed common carrier in accordance with the terms of Ex-Works (EXW – Incoterms 2010) at Vector's facility located in Richmond or Langley (as applicable), British Columbia, Canada.

6. **Removed Parts.** Parts identified to be removed or replaced shall be disposed of, which may include mutilation or destruction, as mandated by OEM requirements or, in the absence of such requirements, shall be retained by and become the property of Vector unless otherwise directed by the customer at the time of approving this estimate.

7. **Customer Parts.** Any customer-supplied parts will be subject to an incorporation fee of 7.5% of the value of the part, up to a maximum of $5,000.00 per part.

8. **Validity.** This estimate is valid for 30 days from the date of this estimate and is subject to approved credit terms.

9. **Payment.** Unless trade credit terms are established and account is in good standing, payment for all invoices is due prior to shipment.

10. **Warranty.** Vector's standard workmanship warranty applies to all Vector-supplied services. OEM warranties apply on all new Vector-supplied parts and equipment. Please contact your customer service representative for detailed information.

11. **Exchanges.** ***(if applicable)*** All core units must be received by Vector within 45 days after customer receipt of an exchange unit. Supplemental charges may result unless core units are accompanied by complete records and removal entries without evidence of abnormal conditions, including but not limited to FOD, over-speed, over-temperature, hard landing, saltwater immersion or accident.

12. **Helicopter Operation.** ***(if applicable)*** The customer is responsible for all procedures and costs related to releasing the aircraft back to service after completion of work by Vector, including any and all costs associated with the operation of the helicopter, including but not limited to pilot fees, fuel and oil costs.

13. **Shipping Containers.** ***(if applicable)*** Vector will not retain perishable shipping containers beyond ninety (90) days from the completion of work or customer rejection of the estimate. Any resulting costs related to the disposal of such containers are the responsibility of the customer.

14. **Travel.** ***(if applicable)*** Pricing does not include travel-related expenses, including but not limited to airfare, accommodation, local transportation, actual or per diem living allowances, permits and/or visas, and hourly or daily rates for travel time, if applicable.

NDB

SUBJECT: INSPECTION/OVERHAUL OF ROLLS-ROYCE ALLISON 250-C47B TURBINE ENGINE

BID #: XF-0367-17 **OPEN DATE:** 4/6/2017

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT:
SERVICE CONTRACT – ONE TIME PURCHASE

AGENCY: SHERIFF'S OFFICE

BASIS OF AWARD: ALL OR NONE TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: 8 **NUMBER RECEIVED:** 3 **NO BID:** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Award was approved as an Administrative Award on 4/6/17 in the amount of $40,323.52. Recommend approval to amend and increase the award with Vector Aerospace Helicopter Services, Inc. in the amount of $105,857.33 to cover all labor, parts and rework required that were discovered during the overhaul inspection. Total revised maximum expenditure not to exceed $146,180.85.

Funding for this increase to be encumbered by account SHPO011CAAV-04603 to be executed by Purchase Order Change Order.

Attachments: Recommendation Memo; Vendor itemized Quotation; Previous Award

Analyst: _____ STEVEN BURAKOWSKI **RESPECTFULLY SUBMITTED:** _____ GREGORY PEASE, CHIEF PROCUREMENT DIVISION

CONCURRENCE BY: **Bill Clement, Chief, Budget & Management Division, Jacksonville Sheriff's Office**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING Ø DATE: 7/14/17

Teresa R. Eidson _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE 7/15/17

MC APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

Sam E. Mousa
Chief Administrative Officer
For: Mayor Lenny Curry
Under Authority of:
Executive Order No. 2015-05

MDB

ADMINISTRATIVE AWARD
BID No.: XF-0367-17

DESCRIPTION OF GOODS/SERVICES: Recommend approval of award to Vector Aerospace Helicopter Services, Inc. to provide Inspection/Overhaul of Rolls-Royce Allison 250-C47B Engine Turbine Section Inspection and Overhaul Bell 407, N314JP Helicopter Engine, S/N CAE-847638 Turbine Section S/N 44930, in the amount of $40,323.52.

FUNDING SOURCE: SHPO011CAAV-04603 to be encumbered by purchase order.

ATTACHMENTS: Recommendation Memo; Tabulation; Terms & Conditions; Specifications.

FOR AGENCY/DEPARTMENT: Jacksonville Sheriff's Office

REQUISITION NUMBERS: N/A

NUMBER FIRMS SOLICITED: 8 **NUMBER FIRMS BIDDING:** 3

REASON FOR LESS THAN REQUIRED MINIMUM SOLICITATION/QUOTATION: N/A

RECOMMEND AWARD TO: Vector Aerospace Helicopter Services, Inc.

CONCURRENCE BY: Michelle Cook, Director of Patrol & Enforcement, Jacksonville Sheriff's Office

PRICE: $40,323.52. **TERMS:** NET 30

Analyst **Manager of Purchasing Services, Asst.**

4/5/17 4/5/2017

Date **Date**

APPROVAL:

Gregory Pease, Chief, Procurement Division 4/6/17 **Date**

MDB

QWS3270X 8/11/2017 10:23 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 08/11/2017
LINK TO: ACCOUNT SUMMARY INQUIRY 10:23 AM

FISCAL MO/YEAR : 11 2017 CURRENCY CODE :
INDEX CODE : SHPO011CAAV AVIATION
SUBOBJECT : 04603 REPAIRS AND MAINTENANCE
PROJECT :
PROJECT DETAIL :
GRANT :
GRANT DETAIL :
USER CODE :

S	AUG 2017	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	671,408.40	671,408.40
EXPENDITURES	3,555.95	212,194.10	212,194.10
ENCUMBRANCES	2,568.05	302,772.05	302,772.05
PRE-ENCUMBRANCES	3,319.00	3,319.00	3,319.00
REMAINING BALANCE	-9,443.00	153,123.25	153,123.25

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO

G014 - RECORD FOUND