SUBJECT: ROLLS-ROYCE ALLISON 250-C20J TURBINE & ENGINE REPAIR/INSPECTION/OVERHAUL

BID #: XF-0425-18 **OPEN DATE:** 04/04/2018

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: ONE TIME PURCHASE

AGENCY: JACKSONVILLE SHERIFF'S OFFICE

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

NUMBER OF BIDS INVITED: 6 **NUMBERS RECEIVED:** 4 **OTHER** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval to amend award to Standard Aero Limited, for bid XF-0425-18 Rolls Royce Allison 250-C20J Turbine and Engine Repair/Inspection/Overhaul (PO8A07400) to increase the awarded amount by $105,165.04 for a new not to exceed amount of $162,865.04. This increase is necessary due to items that were found after the inspection was conducted and all labor, parts and rework required to return the unit to airworthy condition were noted. Attached is a revised estimate.

Funding for this award to be encumbered by account SHPO011CAAV-04603-$80,000.00 and SHPO011CAAV-05216-$25,165.04. A change order will be processed for the increase.

Attachments: Recommendation Memo, Vendor Quote, Previous Award.

ANALYST: Marleen Doran
MARLEEN DORAN

RESPECTFULLY SUBMITTED Wm Pease
for GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Michael Bruno, Director of Patrol & Enforcement

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(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

07/20/18 13:44:14
Procurement Division

To: Gregory Pease
Chief of Procurement

Thru: Bill Clement, CPA
Chief of Budget

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

Subject: XF-0425-18 Rolls Royce Allison 250-C20J Turbine and Engine Repair/Inspection/Overhaul

Date: July 13, 2018

We are requesting an amendment to the award to Standard Aero LTD, for Bid XF-0425-18 Rolls Royce Allison 250-C20J Turbine and Engine Repair/Inspection/Overhaul (PO8A07400) to increase the awarded amount by $105,165.04 for a new not to exceed amount of $162,865.04. This increase is necessary due to items that were found after the inspection was conducted and all labor, parts and rework required to return the unit to airworthy condition were noted. Attached is a revised estimate for completion from Standard Aero LTD, the authorized Rolls Royce Allison center. The funding source is SHPO011CAAV – 04603 in the amount of $80,000.00 and SHPO011CAAV – 05216 in the amount of $25,165.04. A change order will be processed for the increase.

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

Jacksonville Sheriff's Office

Duval County, Florida

Mike Williams, Sheriff

501 E. Bay Street
Jacksonville, FL 32202

INTRADEPARTMENTAL CORRESPONDENCE

TO: Sgt. David B. Anderson, Unit Commander

FROM: Ronald E. Battles, A&P/IA Supervisor #6515 **DATE:** 7/5/2018

SUBJECT: Engine Inspection Change Order

Standard Aero LTD was issued Purchase Order # 8A07400 in the amount of $57,700.00 after being awarded City Of Jacksonville bid number XF-0425-18 for the inspection, repair and overhaul of Rolls-Royce/Allison 250-C20J engine, serial number CAE-27091. As with all engine repairs, inspection, and overhaul work, the engine vendor has to perform a complete teardown inspection of the engine, and issue a final quoted price based on the findings of that inspection, in which a Change Order has to be issued. Upon inspection of the engine, Standard Aero LTD found the Impeller Assembly of the Compressor Section of the engine had high accumulated flight time and would have to be replaced as well as several other damaged parts in this section of the engine, Standard Aero LTD also found several bearings, gears and races with major discrepancies in the Gearbox Section of the engine. The Turbine Section of the engine is scheduled to have the #1 and #2 Turbine Wheels replaced due to the Rolls-Royce mandated retirement time of 1750 flight hours. Standard Aero LTD has issued us a quoted price of $162,865.04 to complete this engine work. These additional funds should be allocated from our Unscheduled Maintenance costs for fiscal year 2017-2018. It is requested that PO #8A07400 be increased to $162,865.04 and a Change Order issued to cover the cost of the engine work. Attached is a report from Standard Aero LTD of their findings on our engine. Your cooperation is greatly appreciated in this matter.

REVIEWED AND FORWARDED FOR APPROVAL BY MY CHAIN OF COMMAND.

Sgt. DJ DL 7108
7/5/18

Respectfully Submitted,

Ronald E. Battles, A&P/IA Supervisor

RECEIVED

APPROVE: Director M. B 5518

P-0004 Rev. 07/15

July 3, 2018

City of Jacksonville

Attn: Procurement Department

Purchase Order: PO8A07400

Teardown/Evaluation Quote
ENGINE ASSY, C20J
CAE-270921

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

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StandardAero

Standard Aero Limited
4551 Agar Drive
Richmond, BC
Canada V7B 1A4
Tel: 604-276-7600
www.standardaero.com

Teardown/Evaluation Quote

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

StandardAero is pleased to present you with our quote for your ENGINE ASSY, C20J , S/N: CAE-270921, as referenced on your PO#: PO8A07400.

Please see below for the pricing and detail summary:

Estimate Price Summary		
ENGINE ASSY, C20J	$	14,869.71
C20 COMPRESSOR	$	53,252.85
GEARBOX ASSY, C20J	$	31,014.61
C20 TURBINE	$	63,727.87
Total Estimate	$	**162,865.04**

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, an invoice of $13,000.00 USD will be issued to cover Disassembly, Cleaning/NDT (if required), Inspection and quote costs incurred to date. 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.

GST / HST #: 10498 6575 RT0001

These commodities, technology or software were exported from the United States to United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited. Except as may be otherwise be stated, this invoice contains charges for all sums due Standard Aero in connection with the transaction to which it relates including, without limitation, all parts, labour, materials, supplies, service fees, subcontractors, discounts and commissions payable in connection therewith.

Remit Payment to: STANDARDAERO HOLDINGS INC 4551 Agar Drive Richmond, BC V7B 1A4

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Detail Summary ENGINE ASSY, C20J W/O: 38-08692 CAE-270921

New Parts	$	1,959.71
Labour & Testing	$	8,995.00
Reworks	$	3,915.00
Subtotal:	**$**	**14,869.71**

New Parts $ 1,959.71

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-221A	C20B ENGINE BUILD -100% replacement	$	272.25	$	212.36
1	23009851	TERMINAL, THERMOCOUPLE -Not received	$	589.92	$	460.14
1	23056114	C20 SEAL -100% replacement	$	11.02	$	8.60
2	23056115	C20 SEAL -100% replacement	$	26.74	$	20.86
1	6746974	NUT -Not received	$	23.40	$	18.25
1	6746975	NUT -Not received	$	24.83	$	19.37
2	6870736	RING, PISTON, SPLIT SEAL -100% replacement	$	364.46	$	284.28
2	6870737	RING, PISTON,SPLIT SEAL 2 -100% replacement	$	365.66	$	285.21
1	6877518	IGNITER ASSY, SPARK -Not received	$	557.26	$	434.66
2	AN960C416L	WASHER -Not received	$	.54	$	.42
1	AS3208-03	PACKING -100% replacement	$	.18	$	.14
2	AS3208-04	PACKING -100% replacement	$	.40	$	.31
1	AS3208-05	PACKING -100% replacement	$	.53	$	.41
2	AS3208-08	PACKING -100% replacement	$	.68	$	.53
2	MS122054	WASHER -100% replacement	$	.48	$	.37
2	MS51957-41	SCREW -100% replacement	$	.42	$	.33
1	MS9218-23	BOLT -Corroded threads	$	158.00	$	123.24
24	MS9432-06	BOLT, TEE HEAD -Insufficient bolt length	$	115.68	$	90.23
	Total		**$**	**2,512.45**	**$**	**1,959.71**

New Parts discount 22.00% = $552.74

Labour & Testing $ 8,995.00

Qty	Part Number	Description		Extended Price
1	6899400	ENGINE ASSY, C20J -Repair and test	$	8,995.00

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Total	$	8,935.00

Reworks $ 3,915.00

Qty	Part Number	Description		Extended Price
1	23030889	CASE, OUTER COMBUSTION -PRESSURE CHECK (PARA 4.A) -COLDWORK FUEL NOZZLE BOSS PARALLEL TO FLANGE	$	1,100.00
1	23056130	LINER, COMBUSTION -REPAIR CRACKS/BURNT TABS & LOUVERS (PARA 1.A) -WELD REPAIR OVERSIZE IGNITER FERRULE I.D. (ITEM 25) -WELD REPAIR OVERSIZE FUEL NOZZLE FERRULE (ITEM 26) -RE-GAP TABS & LOUVERS	$	1,665.00
1	23008413	TUBE, AIR DISCHARGE -(PRE-) PRESSURE TEST / INSPECT / ESTIMATE -COLDWORK DENTS	$	575.00
1	23008413	TUBE, AIR DISCHARGE -(PRE-) PRESSURE TEST / INSPECT / ESTIMATE -COLDWORK DENTS	$	575.00
	Total		$	3,915.00

Detail Summary C20 COMPRESSOR W/O: 38-08938 CAC-43302

New Parts	$	22,822.90
Overhauled Parts	$	11,700.00
Labour	$	5,750.00
Reworks	$	12,979.95
Subtotal:	**$**	53,252.85

New Parts $ 22,822.90

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-210	C20/C20B COMPRSSR KIT 22 -100% replacement	$	1,604.47	$	1,251.49
1	KIT-250-210A	C20B/J COMP MODULE OH -100% replacement	$	49.85	$	38.88
1	23004514	RING, MATING -Scored mating face	$	147.72	$	115.22
1	23031922	GEARSHAFT ASSY, SPUR -Worn splines	$	4,004.89	$	3,123.81
1	23035259	PIN -Reworks req'd for Front Diffuser	$	68.79	$	53.66
1	23079637-1	COUPLING, COMP ADAPTER -100% replacement	$	2,826.47	$	2,204.65
1	23079638	IMPELLER ASSY, COMP -Low time remaining	$	18,027.89	$	14,061.75

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1	23089905	SEAL, PLAIN ENCASED -Chipped seal face	$	364.60	$	284.39
1	6874924-3	ORIFICE, VENT *EXCL RESV -Not received	$	108.99	$	85.01
1	6898607	BEARING, NO.1 -Replace @ OH	$	586.33	$	457.34
1	M250-10055	BOLT, TIE COMPRESSOR -Corroded/pitted	$	1,470.13	$	1,146.70
	Total		**$**	**29,260.13**	**$**	**22,822.90**

New Parts discount 22.00% = $6,437.23

Overhauled Parts $ 11,700.00

Qty	Part Number	Description		Extended List Price		Extended Price
1	23057142	HALVES, COMP CASE -Exchanged with OH part	$	88,900.47	$	11,700.00
	Total		**$**	**88,900.47**	**$**	**11,700.00**

Labour $ 5,750.00

Qty	Part Number	Description		Extended Price
1	6890550	C20 COMPRESSOR -Overhaul	$	5,750.00
	Total		$	5,750.00

Reworks $ 12,979.95

Qty	Part Number	Description		Extended Price
1	6876315	DAMPER, VIBRATION -NDT 500 -INSPECTION 500	$	.00
1	6870811	DIFFUSER ASSY, COMP FRONT -METALLIZE SHROUD PROFILE -REPLACE LOCATING PIN -SERMETAL COAT	$	2,305.00
1	6851430	DIFFUSER ASSY, COMP REAR -METALLIZE SEAL BORES -SERMETEL COAT	$	2,160.00
1	NPN NI	NO PART NUMBER NON INVEN -METALLIZE SHROUD PROFILE -REPLACE LOCATING PIN -SERMETAL COAT	$	.00
1	23059598	SCROLL ASSY, COMP -BOSS REPLACEMENT FOR P/N 6851574 STEEL SCROLLS (ITEM 2.I) -SERMETEL 'W' COATING (ITEM 5) -SKIM AIR TUBE BOSS ID TO CLEAN UP WEAR	$	1,935.00

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1	6890530	SUPPORT ASSY, FRONT -COLDWORK FLANGE/PRESSURE TEST	$	375.00
1	23057111	WHEEL, COMP 1ST STAGE -GLASS BEAD PEEN AND RE-COAT (SUB)	$	1,240.99
1	23057112	WHEEL, COMP 2/3RD STAGE -GLASS BEAD PEEN AND RE-COAT (SUB)	$	1,240.99
1	23057114	WHEEL, COMP 4TH STAGE -GLASS BEAD PEEN AND RE-COAT (SUB)	$	1,240.99
1	23057115	WHEEL, COMP 5TH STAGE -GLASS BEAD PEEN AND RE-COAT (SUB)	$	1,240.99
1	23057116	WHEEL, COMP 6TH STAGE -GLASS BEAD PEEN AND RE-COAT (SUB)	$	1,240.99
	Total		$	**12,979.95**

Detail Summary GEARBOX ASSY, C20J W/O: 38-08939 CAG-27924

New Parts	$	14,123.21
Labour	$	7,500.00
Reworks	$	9,391.40
Subtotal:	**$**	**31,014.61**

New Parts $ 14,123.21

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-211	C20/B/R GBX OH KIT 23 -100% replacement	$	945.38	$	737.40
1	KIT-250-211A	C20B/J GEARBOX MODULE -100% replacement	$	241.03	$	188.00
1	KIT-250-211B	C20B/J GEARBOX PRE-1143 -100% replacement	$	1.08	$	.84
1	KIT-250-211D	C20B/J OIL FHA PRE-1154 -100% replacement	$	3.02	$	2.36
1	23088398	PLUG, MAGNETIC -Distorted	$	480.88	$	375.09
1	406-340-104-101	SEAL, DOUBLE LIPPED -100% replacement	$	81.62	$	63.66
1	406-340-104-101	SEAL, DOUBLE LIPPED -100% replacement	$	81.62	$	63.66
2	500005-3	DOWEL PIN, HSG, 0.265" -Reworks req'd for GBox Housing	$	29.62	$	23.10
2	500006-1	SLEEVE, DOWEL, 0.310 -Reworks req'd for GBox Cover	$	26.46	$	20.64
1	500016-1	SLEEVE,OIL FILTER,1.122" -Reworks req'd for Oil Filter Hsg.	$	48.48	$	37.81
2	500017	DOWEL INSERT -Reworks req'd for GBox Housing	$	27.24	$	21.24
1	6840111	POPPET, PRESSURE -Pitted sealing surface	$	35.74	$	27.88
1	6843361-1	BEARING CAGE -Reworks req'd for GBox Cover	$	211.21	$	164.74
1	6876030-1	STUD, GEARBOX	$	340.67	$	265.72

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1	6888529	-Reworks req'd for GBox Housing GEAR, STARTER/GENERATOR -Spalled gear teeth	$	2,889.35	$	2,253.69
1	AS3209-012	PACKING	$	.14	$	.11
1	M250-10012	-Reworks req'd for GBox Housing GEAR, FUEL CONTROL SPUR -Spalled gear teeth	$	5,274.04	$	4,113.75
1	M250-10108	BEARING, OUTER RACE -Scored bearing roller	$	905.91	$	706.61
1	M250-10109	BEARING, NO.3/4 -Excessive wear on bearing roller ends	$	900.43	$	702.34
1	M250-10109	BEARING, NO.3/4 -Scored bearing roller	$	900.43	$	702.34
1	M250-10111	BEARING, ROLLER -Corroded/pitted bearing outer race inner race	$	1,958.10	$	1,527.32
1	M250-10114	BEARING, ROLLER - CY -Fretted bearing inner race forward face	$	1,688.77	$	1,317.24
1	M250-10115	BEARING, BALL -Damaged during disassembly	$	310.91	$	242.51
2	M250-10116	BEARING, BALL -Rough running	$	481.74	$	375.76
1	M250-10116	BEARING, BALL -Rough running	$	240.87	$	187.88
1	MS9486-01	PIN -Reworks req'd for GBox Cover	$	1.95	$	1.52
	Total		**$**	**18,106.69**	$	14,123.21

New Parts discount 22.00% = $3,983.48

Labour $ 7,500.00

Qty	Part Number	Description		Extended Price
1	23001923	GEARBOX ASSY, C20J -Repair	$	7,500.00
	Total		$	7,500.00

Reworks $ 9,391.40

Qty	Part Number	Description		Extended Price
1	6898661	CAP, OIL FILTER -PAINT	$	.00
1	23054609	COVER ASSY, GEARBOX -(PRE-) CLEAN & STRIP PAINT -(PRE-) PRESSURE CHECK, CMM, INSPECT / ESTIMATE -REPAIR TURBINE MOUNTING SURFACE [RFRQ 250-03-016] -SKIM SPIGOT DIAMETER -REPAIR CORRODED AREAS AS INDICATED -REPLACE BRG CAGE #10. IF REQUIRED, METALLIZE BORE. (ITEM E) -RELOCATE DOWEL HOLES [CNA0074-REH-0105, RFRQ 250-03-020] -PAINT (ITEM D) -MODIFY PER CEB-1165 -REMOVE SPARE ACCESSORY DRIVE GEAR & PIN	$	4,500.00
1	23008021	HOUSING ASSY, GEARBOX -SKIM COMPRESSOR MOUNTING SURFACE (10W3) -REPLACE COMP MOUNTING INSERTS (LARGE) [RFRQ 250-06-002] -IDLER BORE REPAIR [CNA2385-DDC-0907, RFRQ-250-07-025]	$	4,625.00

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		-REPAIR OIL PUMP DOWEL HOLES [RFRQ 250-03-022] -SKIM OIL PUMP MOUNTING SURFACE -RELOCATE SPLITLINE DOWEL PINS [RFRQ 250-03-019] -REPAIR ENGINE MOUNT AS INDICATED [RFRQ 250-03-018] -REPAIR ID PLATE MTG HOLES W/ HELICOIL -REPAIR CORROSION AS INDICATED (ITEM 2.A) -PAINT		
1	6845919	HOUSING ASSY, OIL FILTER -REPAIR	$	.00
1	6892070	HOUSING, OIL FILTER -REPAIR PRESSURE REGULATOR BORE [RFRQ 250-05-008] -PAINT	$	266.40
	Total		$	**9,391.40**

Detail Summary C20 TURBINE W/O: 38-08940 CAT-26098

New Parts	$	34,772.87
Labour	$	9,875.00
Reworks	$	19,080.00
Subtotal:	**$**	**63,727.87**

New Parts $ 34,772.87

Qty	Part Number	Description		Extended List Price		Extended Price
1	KIT-250-212	C20/B/R TURBINE OH -100% replacement	$	1,032.58	$	805.41
1	23001801	NUT, PT OUTER -Used locks	$	777.08	$	606.12
1	23034926	HARNESS, THERMOCOUPLE -Fretted probe	$	2,317.35	$	1,807.53
36	23065485-990	PACKING (99 FT/ROLL) -100% replacement	$	432.72	$	337.52
1	23072099	ADAPTER, 2ND STAGE SPLINE -Corroded/pitted	$	1,755.79	$	1,369.52
1	23073854	WHEEL, 2ND STAGE TURBINE -Time expired	$	14,639.58	$	11,418.87
1	23090049	RING, RETAINING -Bulletin upgrade, CEB 1417	$	58.79	$	45.86
1	23090547	SEAL, FORWARD LABYRINTH -Bulletin upgrade, CEB 1406	$	251.95	$	196.52
40	6823481-7990A	PACKING,FIBERGLASS 100'RL -100% replacement	$	24.80	$	19.34
2	6825528	BOLT -Fretted	$	53.34	$	41.61
1	6844422	DAMPER, BEARING -Nicked	$	63.27	$	49.35
3	6850314	BOLT -Fretted	$	91.77	$	71.58
1	6870796	PLATE, THRUST -Corroded/pitted	$	24.95	$	19.46
1	6870796	PLATE, THRUST -Corroded/pitted	$	24.95	$	19.46
1	6875491	SEAL, MATING RING -Scored mating face	$	185.75	$	144.89

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3	6876097-02	BOLT, DOWEL -100% replacement	$	187.77	$	146.46
3	6876097-03	BOLT, DOWEL -100% replacement	$	711.21	$	554.74
1	6894196-2	PIN, OFFSET -Reworks req'd for GP Support	$	132.70	$	103.51
1	6898764	SEAL, OIL BELLOWS -Chipped seal face	$	927.95	$	723.80
2	AN101006	BOLT -Not received	$	8.00	$	6.24
2	AN960C10L	WASHER, FLAT -100% replacement	$	.22	$	.17
1	M250-10223	WHEEL, 1ST STAGE TURBINE -Time expired	$	13,073.90	$	10,197.64
1	M250-10415	COUPLING, TURBINE/PINION -Bulletin upgrade, CEB 1414	$	2,433.09	$	1,897.81
1	M250-10416	SHAFT, PT OUTER -Bulletin upgrade, CEB 1414	$	3,310.67	$	2,582.32
19	MS9432-06	BOLT, TEE HEAD -Undersize	$	91.58	$	71.43
2	MS9432-07	BOLT, TEE HEAD -Undersize	$	19.80	$	15.44
1	RR30000372	COUPLING, TURBINE TO COMP -Worn splines	$	1,949.06	$	1,520.27
	Total		**$**	**44,580.62**	**$**	**34,772.87**

New Parts discount 22.00% = $9,807.75

Labour $ 9,875.00

Qty	Part Number	Description		Extended Price
1	23038241	C20 TURBINE -HMI	$	9,875.00
	Total		$	9,875.00

Reworks $ 19,080.00

Qty	Part Number	Description		Extended Price
1	6879879	COLLECTOR ASSY, EXHAUST -FORWARD PILOT DIAMETER - SKIM ONLY	$	220.00
1	23037447	COVER ASSY, SUMP -(PRE-) MACHINE SEALS FOR ESTIMATE ONLY -(PRE-) MACHINE SUMP FACE PILOT DIA & STEPS FOR ESTIMATE ONLY -(PRE-) PRESSURE CHECK FOR ESTIMATE ONLY -METALLIZE SURFACE 'E', PILOT DIA, & STEPS -METALLIZE BOTH SEAL DIAMETERS (ITEM 12)	$	1,850.00
1	6853290	FIREWALL, HORIZONTAL -WELD REPAIR CRACKS (PARA 3) -COLDWORK DENTS	$	715.00
1	23075927	NOZZLE ASSY, 1ST STAGE -FLOW AND ADJUST	$	440.00
1	23086069	NOZZLE ASSY, 2ND STAGE -SUBCON FOR OVERHAUL	$	8,000.00

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1	23007189	NOZZLE ASSY, 3RD STAGE -FLOW AND ADJUST	$	440.00
1	6851531	NOZZLE ASSY, 4TH STAGE -FLOW AND ADJUST -#3 BLADE PATH - SKIM ONLY, TO IMPROVE DIMENSION -#4 BLADE PATH - SKIM ONLY, TO IMPROVE DIMENSION	$	1,230.00
1	23035175	RING, ENERGY ABSORBING -REPAIR WORN TANGS	$	1,300.00
1	23038118	SUPPORT ASSY, GP -REPLACE OFFSET PIN	$	250.00
1	6898730	SUPPORT ASSY, PT -WELD REPAIR CASTING DEFECTS / CRACKS -WELD REPAIR OIL PRESSURE STRUT -WELD REPAIR CLOVERLEAF COVER -SKIM SURFACE 'N' TO TRUE UP -SKIM SURFACE 'C' TO TRUE UP -METALLIZE SUMP FACE, PILOT DIAMETER AND STEP	$	4,635.00
	Total		**$**	**19,080.00**

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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.*

The services to be provided by StandardAero, as quoted in this estimate shall be governed by the "Customer Terms & Conditions - Services" (which are incorporated in full by this reference) effective on the date of issuance listed above. The Customer Terms & Conditions - Services are available at www.standardaero.com/legal or will be sent to Customer upon request.

StandardAero limits acceptance to the Customer Terms & Conditions - Services and hereby objects to any other additional or different terms in the Customer's purchase order or acceptance. This Agreement may be amended only by a writing signed by both parties. The person who signs the acceptance of the estimate authorizes the work set forth herein, together with purchase of any required materials. The undersigned represents that he or she is employed by Customer in the capacity indicated below and is unequivocally authorized to bind Customer to this Agreement.

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 StandardAero's Terms and Conditions.

Total Estimate	$	**162,865.04**

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

StandardAero 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 Representative, StandardAero*

Content is confidential and proprietary to StandardAero. Information shall not be reproduced or disclosed to third parties without the written consent of StandardAero.

OFFICE OF THE SHERIFF
ORDER REQUEST FORM

Request For: J.S.O. AVIATION UNIT (Work Unit) | Patrol Support Division (Division) | select... (Dept.)

Requestor: Ronald E. Battles, A&P Supervisor (Name) | 6515 (ID #) | 642-0422 (Phone) | 7/2/2018 (Date)

Deliver To Location: 855-18 St. Johns Bluff Rd. Jacksonville, FL 32225

Item No.	Description and Model No.	JSO Stock No.	QTY.	Unit Cost	Total
1	Change Order for the purchase of the inspection, repair, and overhaul of Rolls-	N/A	1	########	$ 162,865.04
2	Royce Allison 250-C20J engine, Serial Number CAE-27091.				
3	PURCHASE ORDER 8A07400				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
				TOTAL REQUEST	$ 162,865.04

Suggested Vendor: Standard Aero LTD formerly Vector Aerospace Vendor Phone: 1-604-276-7562

Vendor Address / E-mail: 4551 Agar Dr. Richmond, British Columbia V7B 1A4 Contact: Michael.Mones@vectoraerospace.com

☐ Proprietary
☐ Sole Source

If Proprietary / Sole Source, attach appropriate form and letter from vendor.

Special funding to be used for this purchase?
☐ Loan Pool / Banking Fund
☐ Grant *
☐ Trust Fund *

* Enter name and # of Grant or Trust Fund

Justification / Repetitive Request Authorization / Notes:

Approvals:

1. SGT [signature] — Signature | 7108 ID # | 7-5-2018 Date
2. ACBG [signature] — Signature | 5968 ID # | 7-5-2018 Date
3. M. Nunnally — Signature | 6038 ID # | 07/05/2018 Date
4. M. [signature] — Signature | 5518 ID # | 7/6/18 Date

Required approval level (per General Order 54):
$0 to $2,500 - Assistant Chief or higher
$2,501 to $5,000 - Chief or higher
$5,001 or more - Director or higher

Budget Office Use Only
Index _____ Subobject _____
Analyst _____ Date _____

Purchase Order

City of Jacksonville
214 N Hogan St
Jacksonville, FL 32202

VENDOR

Vendor Number: 00006726
Standard Aero LTD.
33 Allen Dyne Road
Winnipeg, MB R3H 1A1

PO Date: 05/03/2018
Buyer: Mitchell, Pearl
Phone #: (904) 255 - 8812
FOB: F.O.B., Destination
Terms: Net 30

Purchase Order Number
PO8A07400
Purchase Order
ALL PACKING SLIPS, INVOICES, AND CORRESPONDENCE MUST REFERENCE THIS NUMBER.

SHIP TO

Office of the Sheriff
Aviation Unit
855-18 St. Johns Bluff Road N.
Jacksonville, FL 32225

Contact Battles, Ron #6515 at (904)642-0422

INVOICE

Finance and Administration
Accounts Payable
117 W. Duval Street, Suite 375
Kale Newsome, Accounts Payable Supervisor
Jacksonville, FL 32202

Department	Bid Number	Requisition Number	Delivery Date
SH - Office of the Sheriff		REQ232135	05/23/2018

Item #	Item Description	Quantity	Unit	Unit Price	Total
1	Rolls-Royce Allison 250-C20J Turbine and Engine Repair/Inspection/Overhaul per Bid XF-0425-18	1.00	EA	$57,700.00	$57,700.00
				Subtotal:	$57,700.00
				Freight:	$0.00
				Discount:	$0.00
				TOTAL:	**$57,700.00**

THIS ORDER IS SUBJECT TO THE GENERAL CONDITIONS ATTACHED HERETO.

MANUFACTURER'S FEDERAL EXCISE TAX EXEMPT NO: 59-89-0120K

FLORIDA STATE SALES AND USE TAX EXEMPTION NO: 85-8012621607C-8

Approved By Gregory Pease, Chief
Procurement Division

GENERAL CONDITIONS

1. RESERVATIONS: The City of Jacksonville, Florida reserves the right to reject any or all bids or any part thereof and/or to waive information if such action is deemed to be in the best interest of the City of Jacksonville. The City reserves the right to cancel any contract, if in its opinion, there be a failure at any time to perform adequately the stipulations of this invitation to bid, and the general conditions and specifications which are attached and made part of this bid, or in any case of any attempt to willfully impose upon the City materials or products or workmanship which is, in the opinion of the City, of an unacceptable quality. Any action taken in pursuance of this latter stipulation will not effect or impair any rights or claim of the City to damages for the breach of any covenants of the contract by the contractor. The City also reserves the right to reject the bid of any bidder who has previously failed to perform adequately after having once been awarded a prior bid for furnishing materials similar in nature to those materials mentioned this bid. Should the contractor fail to comply with the conditions of this contract or fail to complete the required work or furnish the required materials within the time stipulated in the contract, the City reserves the right to purchase in the open market, or to complete the required work, at the expense of the contractor or by recourse to provisions of the faithful performance bond if such bonds if required under the conditions of this bid. Should the contractor fail to furnish any item or items, or to complete the required work included in this contract, the City reserves the right to withdraw such items or required work from the operation of this contract without incurring further liabilities on the part of the City thereby.

SHOULD ANY BIDDER HAVE ANY QUESTIONS AS TO THE INTENT OR MEANING OF ANY PART OF THIS BID THEY SHOULD CONTACT THE PROCUREMENT DIVISION IN TIME TO RECEIVE A WRITTEN REPLY BEFORE SUBMITTING ITS BID.

All items furnished must be completely new, and free from defects unless specified otherwise. No others will be accepted under the terms and intent of this bid.

2. QUOTATIONS: No bidder will be allowed to offer more than one price on each item even though he may feel that he has two or more types or styles that will meet specifications. Bidders must determine for themselves which to offer. IF SAID BIDDER SHOULD SUBMIT MORE THAN ONE PRICE ON ANY ITEM ALL PRICES FOR THAT ITEM WILL BE REJECTED AT THE DISCRETION OF THE CHIEF OF THE PROCUREMENT DIVISION.

3. TAXES: The City of Jacksonville, Florida is exempt form the following taxes: (a) State of Florida Sales Tax by Certificate No 26-00-107377-54C; (b) Manufacturer's Federal Excise Tax Registration No 59-6000.344.

4. CARTAGE: No charge will be allowed for cartage or packages unless by special agreement.

5. "OR EQUAL" INTERPRETATION: Even though a particular manufacturer's name of brand is specified, bids will be considered on other brands or on the products of other manufacturers unless noted otherwise. On all such bids the bidder will clearly indicate the product (brand and model number) on which he is bidding, and will supply a sample or sufficient data in detail to enable an intelligent comparison to be made with the particular brand or manufacture specified. All samples will be submitted in accordance with procedures outlined in the paragraph on SAMPLES. Catalog cuts and technical descriptive data will be attached to the original copy of the bid where applicable. Failure to submit the above information may be sufficient ground for rejection of bid.

6. DEVIATIONS TO SPECIFICATIONS: In addition to the requirements of paragraph five, all deviations from the specifications must be noted in detail by the bidder, in writing, at the time of the submittal of the formal bid. The absence of a written list of specification deviations at the time of submittal of the bid will hold the bidder strictly accountable to the City to the specifications as written. Any deviation from the specifications as written not previously submitted, as required by the above, will be grounds for rejection of the material and/or equipment when delivered.

7. DATA REQUIRED TO BE SUBMITTED WITH REFERENCE TO BID:

a. Whenever the specifications indicate a product or a particular manufacturer, model, or brand in the absence of any statement to the contrary by the bidder, the bid will be interpreted as for the exact brand, model, or a manufacturer specified, together with all accessories, qualities, tolerances, compositions, etc. enumerated in the detailed specifications.

b. If no particular brand, model or make is specified, and if no data is required to be submitted with this bid, the successful contractor, after award and before manufacturer or shipment: may be required to submit working drawings or detailed descriptive data sufficient to enable the City to judge if each requirement of the specifications is being complied with.

8. SAMPLES: The samples submitted by bidders on items which they have received an award may be retained by the City until the delivery of contracted items is completed and accepted. Bidders whose samples are retained may remove them after delivery is accepted.

Samples on which bidders are unsuccessful must be removed as soon as possible after an award has been made on the item or items for which the samples have been submitted. The City will not be responsible for such samples if not removed by the bidder within 30 days after the award has been made. The City reserves the right to consume any or all samples for testing purposes.

Bidders will make all arrangements for delivery of samples to place designated as well as the removal of samples. Cost of delivery and removal of samples will be borne by the bidder.

All sample packages will be marked **"Sample for the Procurement Division"** and each sample will bear the name of the bidder, item number, bid number and will be clearly tagged or marked in a substantial manner. Failure of the bidder to clearly identify samples as indicated may be considered sufficient reason for rejection of bid.

9. PERFORMANCE BOND: When applicable, the successful bidder on this bid must furnish a performance bond as indicated in the specifications, made out to the City of Jacksonville, Florida, prepared on an approved form, as security for the faithful performance of his contract within ten days of his notification that his bid has been accepted. The surety thereon must be such surety company as are authorized and licensed to transact business in the State of Florida. Attorneys in facts who sign bid bonds must file with each bond a certified copy of their power of attorney to sign said bonds. The successful bidder or bidders, upon failure or refusal to furnish within ten days after his notification the required performance bonds, will pay to the City of Jacksonville, Florida, as liquidated damages for such failure or refusal an amount in cash equal to the security deposited with his bid.

10. PROVISION FOR OTHER AGENCIES: Each bidder agrees when submitting his bid that he will make available to all City agencies and departments, bi-City agencies, in-City fire departments and municipalities, the bid process he submits in accordance with the bid terms and conditions, should any said department or agency wish to buy under this bid proposal.

11. GUARANTEE: The contractor will unconditionally guarantee the materials and workmanship on all equipment furnished by him for a period of one year from date of acceptance of the items delivered and installed, unless otherwise specified herein. If, within the guarantee period, any defects or signs of deterioration are noted, which, in the opinion of the City are due to faulty design and installation workmanship, or materials, upon ratification, the contractor, at his expense, will repair or adjust the equipment or parts to correct the condition, or he will replace the part or entire unit to the complete satisfaction of the City. Repairs, replacements or adjustments will be made only at such times as will be designated by the City as least detrimental to the operation of City business.

12. DISCOUNTS: ALL DISCOUNTS OTHER THAN PROMPT PAYMENT TO BE INCLUDED IN BID PRICE. PROMPT PAYMENT DISCOUNTS OF LESS THAN 30 DAYS WILL NOT BE CONSIDERED IN DETERMINING LOW BID.

13. COLLUSION: THE BIDDER, BY AFFIXING HIS SIGNATURE TO THIS PROPOSAL AGREES TO THE FOLLOWING: "BIDDER CERTIFIES THAT THIS BID IS MADE WITHOUT ANY PREVIOUS UNDERSTANDING, AGREEMENT OR CONNECTION WITH ANY PERSON, FIRM, OR CORPORATION MAKING A BID FOR THE SAME ITEMS; AND IS IN ALL RESPECTS FAIR, WITHOUT OUTSIDE CONTROL, COLLUSION, FRAUD OR OTHERWISE ILLEGAL ACTION."

14. ERRORS IN BIDS: Bidders or their authorized representatives are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting bids; failure to do so will be at the bidder's own risk and he cannot secure relief on the plea of error. Neither law nor regulations make allowance for errors either of omission or commission on the part of bidders. In case of error in extension of prices in the bid, the unit price will govern.

15. PROCUREMENT DIVISION AS AGENT: When the Procurement Division is acting as agents for "other public activities" being defined as activities receiving financial support, in part from the City, but not under the direct governing jurisdiction of the Consolidated Government, the name of such public activity will be substituted for the word "City" in the foregoing paragraphs No's 1 - 14.

16. OFFICE OF INSPECTOR GENERAL: The City of Jacksonville has established an Office of Inspector General, Section 602.310, Part 3, Chapter 602, *Ordinance Code*, as may be amended. The Inspector General's authority includes but is not limited to the power to: review past, present, and proposed City contracts, transactions, accounts, and records; require the production of records; and, audit, investigate, monitor, and inspect the activities of the City, its officials, employees, contractors, their subcontractors and lower tier subcontractors, and other parties doing business with the City and/or receiving City funds in order to ensure compliance with contract requirements and detect corruption and fraud. Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be a violation of Section 602.309, *Ordinance Code*.

17. ETHICS PROVISION FOR VENDORS/SUPPLIERS: The bidder, by affixing its signature to the proposal form, and/or the acceptance of a purchase order, represents that it has reviewed the provisions of the Jacksonville Ethics Code contained in chapter 602, Jacksonville Ordinance Code and the provisions of the Purchasing code contained in chapter 126, Jacksonville Ordinance Code.

18. NONDISCRIMINATION PROVISIONS: As required by Section 126.404, Jacksonville Ordinance Code, contractor represents that it has adopted and will maintain throughout the term of this contract a policy of nondiscrimination or harassment against any person with regard to race, color, sex (including pregnancy), sexual orientation, gender identity or expression, religion, political affiliation, national origin, disability, age, marital status, veteran status, or any other impermissible factor in recruitment, hiring, compensation, training, placement, promotion, discipline, demotion, transfers, layoff, recall, termination, working conditions and related terms and conditions of employment. Contractor agrees that, on written request, it will permit reasonable access to its records of employment, employment advertisement, application forms and other pertinent data and records, by the Executive Director of the Community Relations Commission, or successor agency or commission, for the purpose of investigation to ascertain compliance with the non-discrimination provisions of the Contract; provided however, that Contractor shall not be required to produce, for inspection, records covering periods of time more than one (1) year prior to the effective date of the Contract. Contractor agrees that, if any of the products or Services to be provided pursuant to the Contract are to be provided by a subcontractor, the provisions of this Section shall be incorporated into and become a part of the subcontract.

19. LEGAL WORKFORCE: Owner shall consider the employment, by Vendor/Contractor, of unauthorized aliens a violation of section 274A(e) of the Immigration and Nationalization Act. Such violation shall be cause for unilateral cancellation of the contract upon thirty (30) days' prior written notice of such cancellation, notwithstanding any other provisions to the contrary in the Specifications and other Contract Documents.

Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:

a. all persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Jacksonville Duval County, Florida; and

b. all persons, including subcontractors, assigned by the Vendor/Contractor to perform work pursuant to the Contract with the Owner.

20. LICENSES REQUIREMENT: Bidders/vendors responding to a solicitation or by acceptance of a Purchase Order issued by the City of Jacksonville agree to obtain and maintain all applicable Local, State and Federal licenses required by law.

21. ELECTRONIC PAYMENTS: Bidders/vendors are encouraged to enroll in the City of Jacksonville's Automated Clearing House ("ACH") electronic payment program. ACH allows for systematic direct payment to vendors. The ACH enrollment form can be downloaded at www.coj.net under the Online Forms link on the Finance Department page.

SUBJECT: ROLLS-ROYCE ALLISON 250-C20J TURBINE & ENGINE REPAIR/INSPECTION/OVERHAUL

BID #: XF-0425-18 **OPEN DATE:** 04/04/2018

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: ONE TIME PURCHASE

AGENCY: JACKSONVILLE SHERIFF'S OFFICE

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

NUMBER OF BIDS INVITED: 6 **NUMBERS RECEIVED:** 4 **OTHER** 0

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval to reject Keystone Turbine Services, the apparent low bidder, for not including the required warranty information in their bid submission as stated in the bid specifications.

Recommend approval of award to the next lowest responsive, responsible bidder, Standard Aero Limited. This is a one-time purchase. Total not to exceed amount is $57,700.00.

Funding for this award to be encumbered by account SHPO011CAAV-04603 to be executed by Purchase Order(s).

Attachments: Recommendation Memo, Rejection Letter, Tabulation, Terms and Conditions.

ANALYST: Marleen Doran **RESPECTFULLY SUBMITTED**
MARLEEN DORAN
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Michael Bruno, Director of Patrol & Enforcement

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE
MEMBERS APPROVING 3 MEMBERS DISAPPROVING Ø DATE: 4/26/18
OTHER:

ACTION OF AWARDING AUTHORITY DATE 4/26/18
APPROVED DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION

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