



# Standard Bidding Documents (SBD 007-394-4- Restoration of two Engines)

Restoration OF TWO **CF6-80C2A2** ENGINES  
(**ESN: 690277 & ESN: 695161**)

**ARIANA AFGHAN AIRLINES**



Document Name	Standard Bidding Documents (SBD)
Description	Restoration of Aircraft Two CF6-80C2A2 Engines ( <b>ESN: 690277 &amp; ESN: 695161</b> )
SBD Number	<b>SBD 007-394-4-Restoration of two Engines</b>
Bid Announcement Date	26 OCT 2023
Bid Closing Date	<b>25 NOV 2023</b>
Bid opening Date	26 NOV 2023



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## A- PREFACE:

### 1. **Part A: KNOW YOUR CUSTOMER (KYC):**

Ariana Afghan Airlines was established in January 1955. In 1957 an agreement was negotiated between the Royal Afghan Government and the United States International Co-Operation Administration (ICA) to create a partnership with a leading American airline company PanAm's and continued it until 1978. Now Ariana is 100% afghan government Airline and operating B737/CL and A310 Aircraft. An interesting footnote to that event was that the Shah of Afghanistan personally designed the logo for Ariana Afghan Airlines, the very same logo that is still proudly retained.

### **Important Notice:**

- 1) Ariana Afghan Airlines request from all vendors to carefully review the terms and condition of this SBD and sign and stamp the SBD. Because Signing of the SBD grants the evaluation of the offer,
- 2) The SBD which not signed by the vendor will not process and will be reject and consider as irresponsive quotation.
- 3) The quotation shall be completed and signed by an authorised representative of the Supplier.
- 4) In the case of any arithmetical discrepancy between the Unit Rate and the Total Amount quoted, then the Unit Rate shall prevail both for the evaluation of quotations and for the subsequent Repair Order.
- 5) Depending on the final requirement, the quantities shown may increase or decrease by twenty five percent (25%) and this shall be reflected in the Repair Order.
- 6) The Purchaser is not bound to accept the lowest quotation and reserves the right to accept or reject any or all the quotations without assigning any reason whatsoever.
- 7) The official email address for submitting of quotation is [quotation-box@flyariana.com](mailto:quotation-box@flyariana.com) and quotation must be sent only to this email address before closing date.
- 8) This Standard Bidding Documents ("SBD") shall govern the provision of services, sale / Purchase of goods, and any other activities performed (collectively the "Services") by Seller to Buyer.



## B- GENERAL TERMS AND CONDITIONS

### 1- **Definitions:**

The following definitions shall apply (such definitions to be equally applicable to both singular and plural forms of the terms to be defined):

Aircraft: an aircraft owned or operated by Buyer;

1. **Agreement:** By sending of the Repair order to the vendor, the Repair order and dually signed SBD together will be considered as annex Number one of the Engine Repair Agreement and automatically take on the status of an Annex to the contract and the parties are required to comply with it. In the event of a dispute between the contract and SBD, the terms of the SBD shall take precedence over the terms of the contract
2. **Parties:** Vendor which sent signed and stamped Ariana SBD, and Ariana Afghan Airlines are called parties.
3. **BER:** a component of which the repair/overhaul value exceeds the replacement cost of a unit in serviceable or overhauled conditions, as set forth in article 1-6 of part C;
4. **Buyer:** the party to whom Seller provides Services;
5. **Seller:** the party whom Repair the Engine, Landing Gear, APU, Tools , Component, LRU and other parts accordance to the Aviation standard to the buyer:
6. **Component:** any self-contained part, combination of parts, sub-assemblies or units, which perform a distinctive function necessary to the operation of a system;
7. **Core Unit:** a part of an aircraft which must be replaced.
8. **Data:** documents, drawings, manuals, computer programming information, software and all other forms of media storing, containing, conveying or embodying information, and regardless of whether the information is in hard copy, electronic, or any other form;
9. **Ex-works:** Ex-works as defined in the incoterms 2011 or any subsequent edition thereof, issued by the International Chamber of Commerce, Paris, France;
10. **SBD:** Shall have the meaning as (Standard Bidding Documents);
11. **Indemnities:** Seller and Seller's Assignees and their respective directors, shareholders, affiliates, officers, employees, agents, representatives and subcontractors; Buyer and Buyers Assignees and their respective directors, shareholders, affiliates, officers, employees, agents, representatives and subcontractors;
12. **Information:** all (technical) Data pertaining to Services, whether or not established by Seller and Buyer to be confidential, or copies of any of these supplied by Seller under this SBD;
13. **Inspection Period:** the (15) calendar day period after receipt by Buyer of any Spare Parts ordered by Buyer;
14. **Investigation Report:** a report, which mentions the possible cause of a malfunction and observed damage of a component and provides details of repair shop findings with regard to rectification of said malfunction or sampling requirements;



15. **Order Acknowledgement:** acceptance by Seller of Buyer's (Repair) Order(s) in the system OR writing;
16. **Overhaul (OH):** the restoration of the Component according to the agreement pertaining to this SBD, in accordance with the instructions defined in the relevant manual.
17. **Repair Order (RO):** an order for Spare Parts Test, Repair or overhaul placed by Buyer in writing (or by e-mail, facsimile or any other (written) instrument);
18. **Repair (SV):** the test and restoration, if applicable, of a defective Component and/or Aircraft, whichever is applicable according to the agreement pertaining to this SBD, to a serviceable condition only;
19. **Seller's Assignee:** any person(s) or company (companies) used or assigned by Seller, either as a subcontractor or supplier, to perform Services, under the repair order or supplying Seller Parts or information pertaining thereto to Seller for the performance of Services by Seller under the SBD and related repair order;
20. **Seller's Facility:** such plant or facility as may be designated by Seller, as set forth in article 4.1 of Part B;
21. **Seller Parts:** Components, systems, accessories, equipment and parts, including ground support equipment and special tools for the Aircraft supplied in accordance to Buyer's specifications, delivered from Seller's own stock.
22. **Services:** shall have the meaning as defined in the preface of this SBD;
23. **Shop-Finding report:** a report which provides information on basic observations made during testing, repair and/or overhaul of the Component;
24. **Parts:** such aircraft parts, Engine, APU, Landing Gear that may be Test, Repair, overhaul and to be delivered by Seller to Buyer;
25. **Vendor:** any manufacturer, MRO, Repair shop or supplier;
26. **Vendor Parts:** mean aircraft components, systems, accessory, equipment and parts, including ground support equipment and special tools for the aircraft not covered by the definition of Seller Parts.

## **2. General**

**2-1. General.** Any of the services Seller agrees to provide to Buyer shall be subject to this SBD and such additional terms and conditions as agreed upon by Seller and Buyer in writing. In addition, these SBD shall apply to all agreements, quotation(s) or order acknowledgment(s) entered into by Seller with respect to Services to be rendered, unless otherwise expressly stated by Seller in relevant quotation or agreement. The applicability of any general terms and conditions which may be used by Seller / Buyer or to which Seller / Buyer may refer in any manner whatsoever is hereby specifically rejected.

**2-2. Notices.** Unless agreed upon otherwise in the SBD or any agreement pertaining thereto, all notices and requests in connection with the SBD and related (RO) shall be given in writing and may be given by e-mail or any other customary means of (written) communication addressed as follows: [techsupply@flyariana.com](mailto:techsupply@flyariana.com)

**2-3.** The effective date of any notice or request given in connection with the SBD or any agreement pertaining thereto, shall be the date on which the notice or request is received by Seller / Buyer and/or sent by Seller/ Buyer.

**2-4. English language.** The performance of Services and all communication between Seller and Buyer regarding this SBD and related (RO) or any agreement pertaining thereto shall be in writing in the English language.

**2-5. Compliance:** Buyer / seller shall comply, and is in compliance with, all applicable laws, rules and Regulations and judgments and/or orders of competent courts of jurisdiction or relevant (governmental) authorities. The parties accept as a joint responsibility that the agreement pertaining to the SBD shall ensure consistency with all requirements and obligations in effect, pursuant to the aforesaid regulations, including required procedures and routines.

### **3. Ordering procedure:**

3-1. Upon Buyer's request, Seller shall make price and schedule quotations for Services before closing date and quotations shall be valid for a period of thirty (30) calendar days after the date of issue, unless otherwise stipulated in the relevant quotation. The Services shall only be rendered by Seller on the basis of Repair order (RO) issued by Buyer which is accepted by Seller in (writing), unless Buyer and Seller have agreed in writing to an alternative procedure.

### **4. Delivery:**

4-1. All goods and Services furnished under this SBD shall be delivered Ex-works Seller's Facility, unless otherwise specified by Seller but the seller facility address should be mentioned in the schedule of price.

4-2. Packing: all goods service furnished and under this SBD shall be packed in accordance with manufacturer recommendation and standard acceptable practices. If necessary Containers or equivalent equipment's, shall be used and the additional costs involved shall be for Buyer's account.

4-3. Shipment. All goods and/or Services furnished under this SBD shall be accompanied by packing documents indicating Buyer's Repair Order number, quantity shipped, part number (where applicable), key word and total value. Seller shall inform Buyer, as soon as practicable, about shipping arrangements made.

4-4. Buyer's Responsibility. Buyer shall be responsible to ensure the timely and continuous availability validity, completeness, reliability and accuracy of any and all Data and goods, Buyer is reasonably required to provide for the due performance of the Services by the Seller. Inspection by Seller of Buyer furnished items shall not relieve Buyer from its responsibility hereunder.

4-5. Seller Responsibility. Seller shall be responsible to provide the standard (test, repair or overhaul) of the parts in agreed TAT as well as airworthy condition services .The seller is also obliged to provide a standard warranty for the repair of repaired parts with all required technical data.



4-6. **Retention of title.** All Seller Parts, Components, Spare Parts or any other goods delivered by Seller shall remain property of Seller until full payment thereof has been received by Seller from Buyer, and no payments are due by Buyer to Seller with respect to previous delivery of Seller Parts, Components, Spare Parts or any other goods.

## 5-Payment Terms:

### 5-1. **On credit basis:**

Payment of the Service with the amount of USD 49999 will be processed on credit basis and the invoice shall be due and payable within thirty (30) calendar days of the date of delivery of the service from the Seller to Buyer. The seller is responsible to deliver the shipment to the forwarder and there is no need for the request of advance payment at this stage.

### 5-2. **On bank guaranty Basis:**

Payment of the Service with the amount of 50000 or above will be processed on advance but it will be paid against the equal bank guarantee OR MRO guaranty letter and Approved work progress report which submitted by Seller to Buyer.

5-3. **Additional costs:** If Seller incurs any costs in connection with additional services and/or activities (to be) rendered to Buyer upon Buyer's request, such as freight cost, special packing and other repair cost which were not mentioned in Seller's agreements, quotation(s) or Repair order (RO) acknowledgment(s), Seller shall notify Buyer for obtaining of approval of Buyer. After receipt of the approval of Buyer the seller can complete the task and issue the invoice for such a costs of such a Services and Buyer shall pay the costs within thirty (30) calendar days after the date of Seller's relevant invoice In the same payment conditions as mentioned in this SBD .

5-4. **Currency:** All payments to Seller shall be made in USD and is specified on (RO) and invoice for credit of Seller's account with a bank to be nominated by Seller, unless agreed upon otherwise in writing.

5-5. **Security:** Buyer shall have the right to ask security OR bank guaranty acceptable to Buyer from seller for all sums of requested in advance. Pursuant to article 5-2.

5-6. **Dispute.** If Buyer disputes Sellers invoice, Buyer shall notify Seller of this dispute in writing within fourteen (14) calendar days upon the date of Sellers relevant invoice. In such event, Buyer shall only be entitled to suspend payment of the disputed part of the invoice for a maximum of fourteen (14) calendar days. As soon as possible parties will discuss the disputed part of the invoice and make every reasonable effort in order to promptly settle the dispute. In the event parties agree that the dispute is justified, Seller will adapt the invoice and Buyer will subsequently pay outstanding amounts.

## 6- Cancellation of orders:





6-1. In the event if the seller did not deliver the service in agreed TAT Buyer will cancel the Repair Order for any goods and/or Services and will notify the seller to deliver the Parts on as is condition to the forwarder.

**7- Taxes, duties and other charges:**

**7-1. Taxes, Duties and other charge:** Any taxes, duties and other charges of any kind levied by any Afghan government authority in Afghanistan on Services to be rendered by Seller to Buyer and/or on payments to be made by Buyer to Seller shall be for the account of Buyer.

**7-2. Taxes, Duties and other charge.** Any taxes, duties and other charges of any kind levied by any authority in the country of seller on Services to be rendered by Seller to Buyer and/or on payments to be made by Buyer to Seller shall be for the account of Seller.

**8- Assignments:**

**8-1.** The agreements pertaining to this SBD is for the benefit of and binding upon each of the parties hereto and their respective successors and assignees. Neither Seller nor Buyer may assign any of its rights, obligations or claims under the agreements pertaining to this SBD, without the prior written consent of the other party, which shall not be withheld on unreasonable grounds.

**9- Non-disclosure:**

**9-1. Non-disclosure.** Except as required pursuant to mandatory law, neither Buyer nor Seller may disclose to third parties the contents of this SBD and any agreements, quotation(s) or order acknowledgment(s) relating to the Services, or any information provided by a party to another party under circumstances which reasonably indicate that the information is confidential, without the prior written consent of the other party.

**10- Excusable delay:**

**10-1.** Seller shall not be responsible for, nor be in default under this SBD on account for any delay in performance due to an excusable delay. Excusable delays are defined as delays due to causes not within Seller's control including, but not be limited to, acts of God, strikes, labor troubles causing cessation or dislocation of work, inability after due and timely diligence to obtain material or part not of Seller's own stocks. Seller will make every reasonable effort to minimize the consequences of an excusable delay to Buyer.

**11- Suspension and termination:**

**11-1.** In the event of a material breach of an agreement pertaining to this SBD by Seller Buyer may terminate at any time such agreement without prior written notice of termination, OR Seller will receive a written notice of such breach from Buyer and has been granted at least a ten (10) calendar day period to cure such breach. Prior notice of any breach shall not be required, if Seller is insolvent or if a proceeding is commenced by or against Seller seeking relief under the laws relating to bankruptcy or insolvency. Buyer reserves the right to cancel any of outstanding orders with the seller.



## **11-2. Suspension.**

Buyer reserves the right to suspend ROs or obligation or to cancel any of outstanding orders. If after payment of all amounts due and receipt by seller and adequate assurance of future performance by Seller, Buyer may at its sole discretion decide to continue and/or cancel the (RO).

## **12- Applicable law and arbitration:**

**12-1. Applicable Law:** In the event of any dispute or claim concerning the scope, meaning, construction or effect of this SBD and Agreement, the parties shall make all reasonable efforts to resolve disputes amongst themselves. Failing mutual resolution of the dispute, the parties may elect to resolve the dispute through arbitration (either by a single arbitrator or a panel of arbitrators). In the event that the parties fail to agree to an arbitration process, the dispute shall be settled in accordance with the laws of UAE by the courts without regard to principles of conflict of laws.

## **13- Indemnity:**

**13-1** Buyer indemnifies, defend and shall hold Seller, each Seller's Assignees, all Indemnities, and Seller's representatives harmless from and against any and all claims, demands, suits, losses, damages and liabilities, including without limitation interest and reasonable attorney's fees, arising out of, relating to, or resulting from their performance of the obligations pursuant to this agreement, except to the extent such claims, demands, suits, losses, damages and liabilities have been caused by Seller's gross negligence or willful misconduct.

**13-2** Seller indemnifies, defend and shall hold Buyer, Buyer Assignees, all Indemnities, and Buyer representatives harmless from and against any and all claims, demands, suits, losses, damages and liabilities, including without limitation interest and reasonable attorney's fees, arising out of, relating to, or resulting from their performance of the obligations pursuant to this agreement, except to the extent such claims, demands, suits, losses, damages and liabilities have been caused by Buyer gross negligence or willful misconduct.

## **14- Export control:**

**14-1.** Services as provided by Seller to Buyer under this SBD may be subject to export controls of the European Community, United States of America and/or export controls in other countries. Buyer is responsible to ensure that usage and/or transfer of Services and/or information as purchased by Buyer from Seller under the Agreement complies with all relevant export control regulations. If requested by Seller, Buyer will immediately provide Seller with a so-called end-user statement in regard to the ultimate use and / or destination of Services ordered by Buyer. Seller reserves the right to reject delivery of Services to Buyer if such delivery would be conflicting with export controls as described herein and/or Seller's (export) compliance policies.

## **C- CONDITIONS FOR COM(RO) NENT REPAIR AND OVERHAUL**

### **1- Component repair and overhaul:**

#### **1-1. Repair Ordering procedures.**



For each component sent to Seller for Repair or Overhaul under these conditions Buyer shall place an Order in writing ('Order'), or by e-mail facsimile or any other (written) instrument, confirmed by an Order, unless parties have agreed in writing to an alternative procedure. Each Order shall include an order number or specific contract number, part number(s), quantity, nomenclature, serial number, number of landings and number of hours consumed since Factory new or last Repair or Overhaul, modifications carried out on the Component, nature of complaint or reason for removal and requested treatment. Buyer shall also indicate in the Order which non-mandatory modifications it wishes Seller to incorporate in the Component at the time of Repair and Overhaul.

**1-2. Repair Order Acknowledgement.**

Acceptance by Seller of Buyer's Order(s) shall be a written order acknowledgment ('Order Acknowledgment') within five (5) calendar days upon receipt of Buyer's written Order(s). Seller's Order Acknowledgment shall include Buyer's order number or specific contract number and for each Component the part number, serial number and anticipated date of return to Buyer. A Repair Order is not binding upon Seller unless accepted by Seller in accordance with this section 2.1.

**1-3. Repair Order fulfillment.**

Seller shall not commence with Repair or Overhaul on any Component unless the relevant Order has been received by Seller. In case no Order is received by Seller upon receipt of the Component concerned, Seller shall notify Buyer immediately and Buyer shall provide Seller with the required Order within five (5) calendar days after the date of Seller's notice. Seller reserves the right to return the Component to Buyer at Buyer's expense, in the event Seller does not receive the required Order within the time stipulated.

**1-4. Sub contract.**

Seller reserves the right to subcontract all or part of the Services to be rendered.

**1-5. Modification standard.**

Seller shall incorporate all mandatory modifications as indicated by the relevant airworthiness authority due the time of Repair and Overhaul and Buyer will pay for the costs of these mandatory modifications, if applicable. Seller shall inform Buyer of all such modifications incorporated during the Repair and/or Overhaul process.

**1-6. Beyond Economic al Repair (BER).**

Components of which Seller estimates that the costs of Repair or Overhaul will exceed eighty percent (80%) of Seller's current sales price for Seller parts or Vendor parts of an identical Component shall be considered BER. Seller shall advise Buyer promptly that a Component is BER and Buyer shall provide Seller within seven (7) calendar days after receipt of Seller's notice with one of the following instructions:

- (i) Repair and/or Overhaul at Buyers expense; or
- (ii) Component to be destroyed by Seller at Buyers expense; or



- (iii) Component to be returned to Buyer at Buyer's expense without Repair; or
- (iv) Deliver replacement Unit against current Seller's sales prices
- (v) In the event a Component is determined by Seller as BER, and Buyer notifies Seller with instructions (ii) or (iii), the Test Price shall be borne by Buyer.

**1-7. Shop Finding Report.**

After the Repair or Overhaul has taken place, a Shop-Finding Report shall be provided by Seller at no additional charge for the specific Components sent to Seller for Repair or Overhaul. This Shop-Finding Report will accompany the Component upon return to Buyer.

**1-8. Investigation Report Seller is prepared, at Buyer's request.**

To issue an Investigation Report of specific Components sent to Seller for Repair or Overhaul or sampling, shall be provided by Seller upon a written request thereto from Buyer. Seller shall charge Buyer for the costs of making this Investigation Report, taking into account the extent of investigation details required by Buyer.

**1-9. Delivery to Seller:**

All Components shall be delivered to Seller Delivered Ex-works at Seller's Facility. Consequently, Buyer shall bear all costs in the transportation to Seller's facility. All Components sent to Seller's Facility shall be properly packed and labeled and freight shall be paid by Buyer.

**1-10. Delivery to Buyer:**

**1-11.** For delivery of repaired and/or overhauled Components, the terms as set forth in Article 4 of Part B will apply.

**1-12. Certification:**

Repaired and/or overhauled Components shall be accompanied by an Authorized.

**1-13.** Release Certificate (CRS) or similar document issued by a duly authorized person.

**1-14. Risk of repaired and/or overhauled Components:**

The risk of loss of the Components send to Seller shall at all times remain with Buyer.

**1-15. Warranty conditions for repaired and/or overhauled Components:**

The following warranty conditions will apply to both Spare Parts and repaired and/or overhauled Components, unless explicitly stated otherwise in the repair or Repair Order.

Warranties: Seller warrants the services as per the following:

- (I) All Seller Parts supplied hereunder shall at the time of delivery by Seller be free of: defects in material and workmanship, unless previously agreed upon by both parties concerned; and
- (II) Each Component repaired or overhauled shall at the time of delivery by Seller be free of: defects in material and defects in workmanship in the Repair or Overhaul.

**1-16- Exceptions.**



Seller shall be relieved from its warranty obligations under this article 3 with respect to a defect, if such defect results from Buyer's failure to operate and maintain the Seller Part/repaired or overhauled Component or the Aircraft, in which the subject Seller Part/repaired or overhauled Component was installed, in accordance with applicable Buyer's maintenance and operating programs approved by the aviation authorities having jurisdiction and applicable Seller's written instructions.

**D. 1- TECHNICAL CRITERIA, SCHEDULE OF ITEMS AND PRICED QUOTATION FOR ESN 690277:**

<b>ENGINE NO.1</b>								
Number	Part Number/ Model	Description	S/N	TAT (Mandatory)	Test Price (If you know fit)	Type of Contract	Repair Price (Mandatory)	Overhaul Price (If you know fit)
1	CF6-80C2A2	Engine	690277			T&M		
Number	Part Number/ Model	Description	S/N	TAT (Mandatory)	Test Price (If you know fit)	Type of Contract	Repair Price (Mandatory)	Overhaul Price (If you know fit)
1	CF6-80C2A2	Engine	690277			FFP		
<ul style="list-style-type: none"> <li>Type of Contract: T &amp; M and Fixed Firm Price (FFP).</li> <li>Required CRS: FAA 8130-3 or equivalent</li> <li><b>BSI Report: Ref. page 14 of this SBD</b></li> <li>VBSI Report: it is available in Dropbox Link: <b>Will be available Upon request.</b> (<a href="mailto:techsupply@flyariana.com">techsupply@flyariana.com</a>)</li> <li>Minimum Acceptable EGTM + 20 degree of C</li> <li>First Limiter set up: 2362 Cycle</li> <li>LLP Sheet is available on Page (13) of this SBD</li> <li>Work scope for <b>CF6-80C2A2, ESN 690277</b> is as follow:</li> </ul>								
<b>Detailed work scope for CF6-80C2A2 engine with ESN: 690277</b>								
NO.	Description	Work to be performed	Remarks	Comply	Not Comply			
1	FAN ROTOR	Minimum	✓					
2	FAN STATOR	Minimum	✓					
3	ACCESSORY DRIVES MODULE	Minimum	✓					
4	HPC MODULE	Minimum	✓					
5	CRF MODULE	Performance restoration	✓					
6	COMBUSTION CHAMBER	Performance restoration	✓					
7	HPT STG1 NOZZLE	Performance restoration	✓					
8	HPT MODULE (1 <sup>ST</sup> & 2 <sup>ND</sup> STGs ROTORS)	Performance restoration	✓					



9	HPT STG2 NOZZLE	Performance restoration	✓		
10	LPT MODULE	Performance restoration	✓		
11	HPC DISK STG2	Replacement	LLP		
12	HPC DISK STG10	Replacement	LLP		
13	HPC STG 11-14	Replacement	LLP		
14	DIFFUSER VANE RING	Replacement	LLP		
Minimum Acceptable EGTM + 20 Degree of C					

**Note: The bidder is required to fulfil table “one” by correct data and table number “two” by mark (✓)**

**Engine Current LLP Record for ESN 690277**

ESN 690-277      POS. 1 YA-CAV      DATE: 06-JUL.2018  
 TSN: 49005:50 FH    CSN : 15240 FC      #1 YA-CAV    TSR:-4616:50 FH    CSR : 1625 FC

30.11.2022

Name	P/N	S/N	TSN	CSN	LIMITING CYC	REMIANING CYC
FAN DISK	1703M91P08	SNG07554	43246	15745	20000	4255
SPOOLSTG 2-5	9373M84G05	VOL02472	50761	16841	20000	3159
FAN FWD SAFT	1277M75G07	MPOT4429	50915	16666	20000	3334
FAN MID SHAFT	1862M41P01	MPO59240	51054	16911	20000	3089
HPC DISK STG 1	1644M21P04	DC338727	9905	3507	20000	16493
HPC DISK STG 2	9380M27P03	GWN88660	49954	19942	20000	58
HPC SPOOL STG3-9	1333M66G07	VOL84648	30090	9712	15000	5288
HPC DISK STG 10	9380M29P03	GWNC4405	49954	19942	20000	58
HPC SPOOL STG11-14	9380M30G09	MPO58488	45016	15518	16000	482
CDP SEAL DISK	1347M31P01	NCE4404L	20069	7365	20000	12635
HPT DISK STG 1	2047M32G07	GWN01FMF	21078	8085	15000	6915
HPT DISK STG 2	9362M43P09	MUNO5898	12560	4434	15000	10566
SPACER IMPELLER	1539M12P02	GFF59ED2	23277	8756	15000	6244
DIFFUSER VAEN RING	9290M28P15	BTAAM795	38698	14012	15000	988
LPT DISK STG 1	9373M51P03	SNEOO219	52634	17638	20000	2362
LPT DISK STG 2	93373M52P04	SNE90010	52634	17638	20000	2362
LPT DISK STG 3	9373M53P05	FIA2F184	46137	16050	20000	3950
LPT DISK STG 4	9373M54P04	FIA3M164	43781	16948	20000	3052
LPT DISK STG 5	9373M55P04	SNG04498	46137	16050	20000	3950
LPT SHAFT	9382M5905	GWNC5447	48940	17566	20000	2434



**BSI Report!**





## Borescope Inspection Result Form

ENGINE TYPE	A/C	Eng. SN	POS	TSN	CSN	PLACE
CF6-80C2	YA_CAV	690277	#1	45206:00	13822	On Wing
Reason BSI						





LPC (booster)	Sub_Ref	AMM 72-31-00			
	Rev_No		Rev. Date	JUNE 01 2015	
Remarks:					
Normal					

HPC	Sub_Ref	AMM 72-31-00			
	Rev_No		Rev. Date	JUNE 01 2015	
Remarks:					
Normal					

Combustor cham & NGVs	Sub_Ref	AMM 72-31-00			
	Rev_No		Rev. Date	JUNE 01 2015	
Remarks:					
N/A					

HPT turbine and blades	Sub_Ref	AMM 72-31-00			
	Rev_No		Rev. Date	JUNE 01 2015	
Remarks:					
N/A					

LPT blades	Sub_Ref	AMM 72-31-00			
	Rev_No		Rev. Date	JUNE 01 2015	
Remarks:					
N/A					

If hand cranking cover is removed, hand cranking must be installed .			INSPI	Inspected by
			AA-SIAR	Abdul Wahed. F
Inspected Date:	10.04.2017	Signature		
Engine Condition	Serviceable	Stamp		

**D. 2- TECHNICAL CRITERIA, SCHEDULE OF ITEMS AND PRICED QUOTATION FOR ESN 695161:**



<b>ENGINE NO.2</b>								
Number	Part Number/ Model	Description	S/N	TAT (Mandatory)	Test Price (If you know fit)	Type of Contract	Repair Price (Mandatory)	Overhaul Price (If you know fit)
1	CF6-80C2A2	Engine	695161			T & M		
Number	Part Number/ Model	Description	S/N	TAT (Mandatory)	Test Price (If you know fit)	Type of Contract	Repair Price (Mandatory)	Overhaul Price (If you know fit)
1	CF6-80C2A2	Engine	695161			FFP		
<ul style="list-style-type: none"> <li>Type of Contract: T &amp; M and Fixed Firm Price (FFP).</li> <li>Required CRS: FAA 8130-3 or equivalent</li> <li><b>BSI Report: Ref. page 14 of this SBD</b></li> <li>VBSI Report: it is available in Dropbox Link: <b>Will be available Upon request.</b> (<a href="mailto:techsupply@flyariana.com">techsupply@flyariana.com</a>)</li> <li>Minimum Acceptable EGTM + 20 degree of C</li> <li>First Limiter set up: 3953 Cycle</li> <li>LLP Sheet is available on Page (13) of this SBD</li> <li>Work scope for <b>CF6-80C2A2, ESN 695161</b> is as follow.</li> </ul>								
<b>Detailed work scope for CF6-80C2A2 engine with ESN: 695161</b>								
NO.	Description	Work to be performed	Remarks	Comply	Not Comply			
1	FAN ROTOR	Minimum	✓					
2	FAN STATOR	Minimum	✓					
3	ACCESSORY DRIVES MODULE	Minimum	✓					
4	HPC MODULE	Full	✓					
5	CRF MODULE	Performance restoration	✓					
6	COMBUSTION CHAMBER	Performance restoration	✓					
7	HPT STG1 NOZZLE	Performance restoration	✓					
8	HPT MODULE (1 <sup>ST</sup> & 2 <sup>ND</sup> STGs ROTORS)	Performance restoration	✓					
9	HPT STG2 NOZZLE	Performance restoration	✓					
10	LPT MODULE	Performance restoration	✓					
11	DISK STG1 FAN	Replacement	LLP					
12	SPACER IMPELLER	Replacement	LLP					
13	VANE RING DIFFUSER	Replacement	LLP					
14	SHAFT MID FAN	Replacement	LLP					
<b>Minimum Acceptable EGTM + 20 Degree of C</b>								



## Engine Current LLP Record for ESN 695161

ENGINE TYPE :- CF6-80C2A2		ESN:- 695-161		A/C TYPE:- A310		A/C REG:YA-CAQ		POS :- #2	
TSN :- 60481:31 HRS		CSN :- 23742 CYC		TSO: 27971:49 HRS		CSO: 10323 CYC		DATE :- 28.APR.2015	
No.	NAME	MFR P/N	MRF S/N	CYCLES	CYCLES	CYCLES	CYCLES	RE	MARKS
				LIMIT	DONE	REM			
1	DISK STG 1 FAN	1703M78P06	RRJ00056	20000	18994	1006		*****	
2	SHAFT ,FWD FAN	1855M57G01	TMT3N161	20000	3945	16055			
3	SPOL-STG .2-5 FAN	1856M71P06	VOLB1527	20000	6319	13681			
4	SHAFT- MID FAN	1862M48P02	RPM5APG9	20000	3945	1655			
5	DISK,STG. 1	1644M21P04	PA175861	20000	3946	16054			
6	DISK, STG.2	9380M27P03	SNG09157	20000	13814	6186			
7	SPOOL -STG. 3-9, HPCR	1856M15G02	VOLD9422	20000	3946	16954			
8	SPOOL SHAFT, STG, 10-14	1703M49G04	GWNOH21J	20000	3946	16954			
9	ROTATING CDP SEAL	1338M34P04	NCE7005R	13400	4098	9302			
10	DISK, STG 1 HPT	1531M84G12	GWNOBK57	15000	4007	10993			
11	SPACER, IMPELLER	1539M12P02	GFFR81H5	15000	12671	2339			
12	VANE RING DIFFUSER	9290M28P13	RRE10386	15000	14371	629			
13	DISK ,STG 2 HPT	9362M43P04	BTAC4717	15000	11047	3953			
14	DISK ,STG LPT 1	9373M51P04	FIA1F691	20000	12823	7177			
15	DISK ,STG LPT 2	9373M52P04	FIA1F931	20000	12823	7177			
16	DISK STG, LPT 3	9373M53P05	FIA2F107	20000	12823	7177			
17	DISK ,STG LPT 4	9373M54P04	FIA3M445	20000	7138	12862			
18	DISK STG, LPT 5	9373M55P04	F1A2F557	20000	12823	7177			
19	SHAFT ,LPT	9382M59P06	RRA00596	20000	12823	7177			
20	LINK ASSY .L/H	1846M23G01	EGTB7277	50000	4472	45528			
21	LINK ASSY .R/H	9348M84G03	WIN611AJ	80000	5204	74796			
22	SHEAR BOLT (LINK ENG.)	9380M73P02	VEB05322	64000	2832	611168			
23	SHEAR BOLT (LINK ENG.)	9380M73P02	VEB05327	64000	2832	611168			
24	SHEAR BOLT (LINK LBEAM OUT	9380M73P02	MAU17066	64000	2832	611168			
25	SHEAR BOLT (LINK LBEAM OUT	9380M73P02	MAU17111	64000	2832	611168			
26	SHEAR BOLT (LINK LBEAM OUT	9380M73P02	VEB04756	64000	2832	611168			

REMOVED FROM # 2 DUE

ON DATE 28.APR.2015

BSI Report!



## Borescope Inspection Result Form

ENGINE TYPE	A/C	Eng. SN	POS	TSN	CSN	PLACE
CFM56-3C1	YA-	695161				
Reason BSI						

LPC (booster)	Sub_Ref		AMM 72-31-00		
	Rev No	59	Rev. Date	JUNE 01 2015	
Remarks:					
Normal					


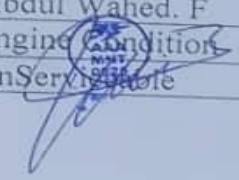
HPC	Sub_Ref		AMM 72-31-00		
	Rev No	59	Rev. Date	JUNE 01 2015	
Remarks:					
From stage 7 to 13 all blades are torn and damage					

Combustor cham & NGVs	Sub_Ref		AMM 72-31-00		
	Rev No	59	Rev. Date	JUNE 01 2015	
Remarks:					
Normal					

HPT turbine and blades	Sub_Ref		AMM 72-31-00		
	Rev No	59	Rev. Date	JUNE 01 2015	
Remarks:					
All blades with coating gone and discoloration.					

LPT blades	Sub_Ref		AMM 72-31-00		
	Rev No	59	Rev. Date	JUNE 01 2015	
Remarks:					
No significant finding					

If hand cranking cover is removed, hand cranking must be installed		Performed by	Inspected by
		Ah. Seir. Rahat	Abdul Wahed. F
Inspected Date:	10.02.2016		Engine Condition
Signature		Stamp	UnServiceable

### E. DOCUMENTATION REQUIRED WITH THE SUBMISSION OF THE QUOTATION



The Supplier shall attach the following documents to its quotation other than the quotation will not process.

- 1- a valid Business License
- 2- Company Certificate of Incorporation;
- 3- ISO9001-2008 Certificate on civil aviation field

#### **F. QUOTATIONS VALUATION, EXAMINATION AND DETERMINATION OF RESPONSIVENESS.**

1-Prior to the detailed evaluation of Quotations, the Purchaser shall determine whether each Quotation:

- a) meets the technical criteria;
- b) SBD has been properly signed.
- c) Is quotation substantially responsive to the requirements of the SBD?

Note: A substantially responsive Quotation is one which conforms to all the terms, conditions, and specifications of the Standard Bidding Documents.

To evaluate a Quotation, the Purchaser shall only use all the factors, methodologies and criteria defined hereinafter, no other criteria or methodology shall be permitted:

- a) evaluation will be done for Items or Lots;
- b) price adjustment for correction of arithmetic errors;
- c) price adjustment due to discounts offered;
- d) adjustments due to the application of other evaluation criteria as follows: factors related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services; the effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Quotations;
- e) Adjustments due to the application of a margin of preference, if applicable.

2- The Purchaser's evaluation of a Quotation will exclude and not take into account:

- a) In the case of Goods manufactured in the Islamic Republic of Afghanistan, sales and other similar taxes, which will be payable on the goods if the Repair Order is sent to the Bidder;
- b) in the case of Goods manufactured outside the Islamic Republic of Afghanistan, already imported or to be imported, customs duties and other import taxes levied on the imported Goods, sales and other similar taxes, which will be payable on the Goods if the Repair Order is sent to the Bidder;

3- If a Quotation is not substantially responsive, it shall be rejected by the Purchaser, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

4-No negotiation shall be held with the lowest or any other Bidder.

5-A bidder shall not be required, as a condition for award, to undertake responsibilities not stipulated in the Standard Bidding Documents, to have to change its price or otherwise modify its Quotation.

#### **6-CORRECTION OF ERRORS**

- a) Quotations determined to be substantially responsive shall be checked by the Purchaser for any arithmetic errors. Errors shall be corrected by the Purchaser as follows:
- b) where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern; and



- c) where there is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted shall govern, unless in the opinion of the Purchaser there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line-item total as quoted shall govern, and the unit rate shall be corrected.
- d) The amount stated in the Quotation shall be adjusted by the Purchaser in accordance with the above procedure for the correction of errors and, with the concurrence of the Bidder, shall be considered as binding upon the Bidder

Authorization:

Each vendor has the right to enter into this bidding by offering of better quotation for evaluation and the execution of this SBD must be signed by authorized representative of the vendor

**Bidder Representative Name:**

**Bidder Representative Signature:**

**Date:**