

**Purchase - Tender Document**

**DHC-6-300 Aircraft**

## Contents

A. Terms & Conditions for Aircraft Acquisition Proposal.....	3
B. Preferred Additional Technical Requirements .....	5
C. Purchase Cost of Aircraft .....	8
D. Aircraft Specifications and Data.....	9
E. Aircraft Records.....	12

## **A. Terms & Conditions for Aircraft Acquisition Proposal**

Island Aviation Services Ltd, M. Raaverige, Majeedhee Magu, Male' 20345, Republic of Maldives requires DHC-6-300 aircrafts for acquisition which meets following terms and conditions.

1. The aircraft shall be DHC6-300 equipped with Pratt & Whitney PT6A-27 engines, with minimum capacity of 17+1(cabin crew seat) seating configuration.
2. The aircraft should be configured in all commuter configuration seats (pacific blue – preferably leather material) ready for operation on floats.
3. The aircraft will be operating on floats (Wipaire) and can be considered as part of the offer. The airplane shall have all provisions which otherwise will be required for installation of the floats in the Maldives.
4. The purchase cost should be quoted only in USD as per Annex-II. It is negotiable.
5. Cost of aircraft refurbishment, re-configuration as deemed fit shall be borne directly by the Seller/Bidder or apportion between the two parties on mutually agreed basis.
6. The base of operation is Ibrahim Nasir International Airport (MLE), Republic of Maldives.
7. Priorities will be given to aircraft located/available closer to the base of operation (MLE) although it is not a must.
8. The aircraft shall be current on all AD's and mandatory modifications mandated by the manufacturer and as well as FAA, EASA& TC.
9. All the records and documents shall be in accordance with the Annex IV.
10. The aircraft should be available for inspection by IASL representatives before 31<sup>st</sup> October,2016 and it shall meet specific inspection criteria set by IASL
11. The aircraft should be delivered in clean commercially acceptable conditions.
12. The offers should be valid for a minimum period of 02 (two) months from the date of submission of the proposal in case all formalities cannot be completed in time for taking delivery of the aircraft on the intended date.
13. Profile of Bidder to be provided in advance and it shall include but not limited to:
  - a. List of all previous operators.
  - b. Size and type of fleet.
  - c. Whether or not the Bidder/Seller or its parent company is listed in any stock exchange.
  - d. All terms and condition shall be explicitly expressed in the offer submitted.  
All reservations shall be clearly stated as well.
14. Offers should be submitted before 14:00 o'clock (Republic of Maldives local

time) on 06<sup>th</sup> October 2016 to the e-mail given: [adam.zahir@iasl.aero](mailto:adam.zahir@iasl.aero) and it will not be acknowledged unless they are copied to the following email accounts. Proposals confirming to the requirements set out must be received by email [Including contact info, name and address of the bidder] no later than the deadline given above. All electronic submittals are acceptable in Adobe PDF format only.

haris@iasl.aero  
m.shaheen@iasl.aero  
iyas@iasl.aero  
nasif@iasl.aero  
hussain.safuath@iasl.aero

15. IASL shall not evaluate the offers/bids received after the deadline set herein in the document.

**Annex-I**

**B. Preferred Additional Technical Requirements**

**Airframe:** The Aircraft shall be delivered fresh from CPCP year 1 through 5 inspections and fresh from EMMA Check performed in accordance with the relevant manual prior to Aircraft Delivery. Further the airframe shall be free from inspection for a minimum of 1,200 flights hours or 2,000 flights cycles, or 12 months or fifty percent (50%) percent whichever is the shorter, with the exception of Life Limited Parts (LLP). LLP's shall have life remaining as per table below:

<b>DESCRIPTION</b>	<b>Position</b>	<b>LIFE REMAINING</b>
Entire Structure	N/A	16,500 HRS / 33,000 CYC
Wing Assemblies	LH/RH	16,500 HRS / 33,000 CYC
Wing Structural Box	LH/RH	16,500 HRS / 33,000 CYC
218.8 Frame	N/A	8400.0 HRS / 16,800 CYC
Wing Struts	LH/RH	8400.0 HRS / 16,800 CYC
Wing Strut links	LH/RH	8400.0 HRS / 16,800 CYC
Flight Controls	ALL	8400.0 HRS / 16,800 CYC

**Placards:** All placards, signs and markings (including bilingual placards) shall be clean and legible and properly attached to the Aircraft.

**Interior:** Kenn Borek interior is preferred

**Engines** Platinum Aluminide Coated Compressor Turbine Blades (P/N: 3045741-01 or similar FAA PMA part) shall be installed in both engines. PC safety valve shall be installed on RH engine i.a.w. FAA STC No. SE02170AT. Life limited parts shall have at least 50% life remaining. Minimum remaining TSO of 1800 Hrs and HSI 700 Hrs.

**Propellers** Propeller part number HC-B3TN-3DY with propeller blade pitch latches installed shall be on both sides. Minimum remaining TSO of 1500 Hrs or 2.5 years (whichever the limiting factor).

**Landing Gears:** Landing gear not required and floats will be supplied by Buyer. Float provisions shall be supplied and incorporated by the Seller.

**Components:** At Delivery, not less than 1,200 Flight Hours and 2,000 Flight Cycles and 12 months or fifty percent (50%) of life remaining (whichever is the limiting factor), to the next scheduled maintenance event in accordance with the PSM and/or OEM specified maintenance interval. Both Airspeed Indicators shall be marked with Wipaire KIAS float operation markings.

**Fuel systems:** Fuel booster pumps shall be Viking post mod 6/1757 and 6/1795.

**Airworthiness Directives:** All airworthiness directives issued by the state of manufacture prior to the Delivery Date of the Aircraft and which require compliance within 1,200 flight hours, 2,000 flight cycles, 12 months or fifty

percent (50%) (whichever is the limiting factor) from the Delivery Date shall be complied with.

**Paint and Condition** The Aircraft shall be painted in Buyer's livery. Seller shall subsequently perform a weight and balance of the aircraft in accordance with the Manufacturer's maintenance manual instructions. Previous operator's livery shall be removed from the Aircraft by stripping. Painting shall be accomplished in such a manner as to result in a uniformly smooth and cosmetically acceptable aerodynamic surface with no overspray. The Aircraft shall be clean by commercial aviation standards.

**Avionics Equipment** Equipment listed in below table shall be installed.

ATC Transponder	Garmin	GTX335 ES
GPS/VHF/Navigation	Garmin	GTN 750 & GTN 650
Audio Control Box	Garmin	GMA 35
Weather Radar	Garmin	GWX70
Traffic Advisory System	Garmin	GTS 800
ELT	Artex	453-5002-(999)
VOR/DME	Rockwell Collins	DME-40
Standby Attitude Indicator		4300-411

**Loose Equipment:** All mandatory loose and emergency equipment shall be complete and certified in accordance with Transport Canada/EASA requirements.

**Demonstration Flight:** At delivery and at the sole cost of the SELLER, SELLER shall perform a demonstration flight lasting approximately two hours (in accordance with BUYER's aircraft demonstration flight procedures or other such flight procedure agreed between SELLER and BUYER) to demonstrate to BUYER the satisfactory flight operation of the Aircraft. BUYER may place up to two of its representatives onboard the Aircraft for this demonstration flight and SELLER's pilots shall operate the Aircraft. Further demonstration flights may be required to demonstrate to the BUYER defects occurring during the first demonstration flight have been cleared.

**Ferry Flight to Maldives** The preferred option is for SELLER to arrange ferry flight to Ibrahim Nasir International Airport, Maldives at SELLER's cost.

**Workscope** Prior to delivery of Aircraft by SELLER to BUYER, SELLER shall perform the Workscope to comply with delivery conditions at SELLER's cost. Buyer requires below Workscope to be performed in addition to the above requirements.

No.	Reference	Work Description	Remarks
1	STC SA02-58	Removal of beta back-up system	
2	STC SA09-59	Installation of Roof Access Steps	
3	STC SA09-62	Removal of Bleed Air, Cabin Heat and Engine Intake Deflectors	

4	EMM	Incorporate P&WC S.B. No. 1657 and 1659 or 1761 on both engines	
5	EO	Deactivation of deicing system	
6	SB	Incorporate tail fin attachment modifications SB 6/516, mod 6/1841 thru 6/1846	
7	-	Install life vests (19 adult and 2 infant life vests)	
8	AMM	Replace rudder and elevator control cables with stainless steel cables	
9	AMM	Dinitrol aircraft as required for salt water operation	
10	AMM	Install Aermet flooring	
11	CMM	ELT coding in accordance with MCAA provided codes. Record ELT P/N, S/N and battery expiry date.	
12	AMM	Removal of Radio Altimeter	
13	TAB V6/00069	Incorporate mod no. 6/2347 (FCU lower push rod assembly replacement)	
14	EO	Incorporation of Zimex flap roller STC STC Z 27-50-03	

**Annex-II**

**C. Purchase Cost of Aircraft**

USD .....

Sn No.	Particulars	
1	Aircraft Type	
2	Aircraft Model	
3	Year of Manufacture	
4	Aircraft Registration	
5	Engine Type	
6	Configuration	
7	EASA/FAA/TC Certification	
8	Cargo Capacity:	



**Annex-III**

**D. Aircraft Specifications and Data**

<b>1. General Aircraft Information</b>		
1.1	Name of owner	
1.2	Address of owner	
1.3	Nationality & Registration	
1.4	Name of the current operator:	
1.5.	Address of the current operator	
1.6	Current Location	
1.7	Area of Operation	

<b>2. A/C Technical Information</b>		
2.1	Manufacturer:	
2.2	Type and Model:	
2.3	Date of Manufacture:	
2.6	Serial Number:	
2.7	Current Status ( in operation or Storage)	

<b>3. Certificate</b>		
3.1	<b>Noise Certificate ( if applicable)</b>	
	a) Issue Date / Exp. Date	
	c) chapter III/FAR36 Classification	
3.2	<b>Certificate of Registration</b>	
	a) Issue Date / Exp. Date	
3.3	<b>Certificate of Airworthiness</b>	
	Issue Date / Exp. Date	
3.4	<b>Certificate of Maintenance Review: issue / Exp. Dates</b>	
3.5	<b>Insurance Certificate: issue / expiry dates</b>	

<b>4. Airframe</b>		<b>As of:     /     /2016</b>
4.1	Time Since New	
4.2	Cycles Since New	
4.3	Hours and Cycles since last EMMA check or Light Overhaul	
4.4	Type of Maintenance Program (PSM 1-6-7 or customized)	
4.5	Last major check performed at:	
4.6	Major check due in the next 12 months	
4.7	Due date of next check i.e. date, flight hour/ Flight cycle	

4.8	Average hour: cycle ratio	
4.9	AMP ( authority / approval status)	
4.10	current LOPA ( copy required)	
4.11	SBs, AD and Modification Status (to be attached in detail.)	
4.12	Significant accidents, incidents and repairs	

<b>6. Engines and Propellers</b>		<b>As of:     /     /2016</b>	
6.1	Engine/Propeller Manufacturer:		
6.2	Type and Model:		
6.3	Current Overhaul Facility:		
<b>By Position</b>		<b>NO.1</b>	<b>NO.2</b>
6.4	Serial No:		
6.5	Total TSN:		
6.5	Total CSN:		
6.7	TSO /CSO		
6.8	TSLV / CSLV		
6.9	Reason for last shop visit		
6.10	First Limiter.		
6.12	Type of maintenance program ( OC or HD)		

<b>9. Interiors Configuration</b>		
9.1	Total Seats Certificated:	
9.2	Present Configuration:	
9.3	Seat Manufacturer and Model:	
9.4	Emergency Equipment Location	
9.5	(LOPA to be provided)	
9.6	Life Jacket for all seats (Manufacturer)	
9.7	Number of cabin attendant seats	
9.8	Passenger Door Type	

<b>13. Principal Weights</b>		
13.1	Last Weighing of the A/C : date	
13.2	Weighing Interval:	
13.3	Maximum Ramp Weight:	
13.4	Maximum Take-Off Weight:	
13.5	Maximum Landing Weight:	
13.6	Maximum Zero Fuel Weight:	
13.7	Operating Weight:	
13.8	Empty Weight:	
13.9	Maximum Fuel Weight / Capacity:	
13.10	Auxiliary tanks fitted:	
13.11	Auxiliary fuel capacity:	
13.12	Auxiliary fuel weight:	

<b>15. Cargo Compartments (Aft)</b>		
15.1	Cargo Hold Location	
15.3	Capacity of each cargo compartment:	
15.4	Door Type	

<b>16. Principle Radio and Avionics Equipment: Type and Manufacturer</b>		
16.1	ATC Transponder with ADS-B Out Function	
16.2	DME	
16.3	GPS	
16.4	VHF Communication	
16.5	VHF Navigation	
16.6	Audio Control Box	
16.7	Weather Radar	
16.8	ELT	
16.9	TAS	
16.10	VOR	
16.11	Glide Slope	

<b>17. Structural Life Limited Parts: Life Remaining (Flight HRS / Flight Cycles)</b>		
17.1	Wing Assemblies	
17.2	Wing Structural Box	
17.3	218.8 Frame	
17.4	Wing Struts	
17.5	Wing Strut links	
17.6	Flight Controls	

## Annex-IV

### **E. Aircraft Records**

The SELLER shall deliver all available aircraft documentation in the possession of the SELLER to the BUYER at the time of Aircraft Delivery. Records shall include but not be limited to;

#### **Certificates**

- a) Current certificate of airworthiness.
- b) Current certificate of registration.
- c) Current export certificate of airworthiness from the State of Registration (upon Aircraft Delivery), including Export C of A File.
- d) Radio station license.
- e) Noise limitation certificate where applicable.
- f) Aircraft deregistration confirmation from State of Registry.
- g) Most recent Certificate of Release to Service.
- h) Burn certification in compliance with AWM 523.853(a) for applicable interior surfaces.

#### **Aircraft Maintenance Status Summaries**

- a) Certified current Time in Service (Hours & Cycles) and maintenance status.  
**Note:** Detailed hours and cycles usage to be provided in logbooks or electronic format (as applicable).
- b) Certified status of Airworthiness Directives (To include Appliance AD's) including method of compliance.
- c) Certified status of incorporated Service Bulletins.
- d) Certified statement of the Approved Maintenance Program.
- e) Certified copy of inventory of Hard Time Components report(Fitted listing).
- f) Certified copy of inventory of OC/CM Components report(Fitted listing).
- g) Certified status of all non-SB and Major & Minor Modifications/STC's including acceptable State of Manufacture Certification.
- h) Certified status of Check/Inspection History & Current Status of Checks List of Deferred Maintenance Items.
- i) List of Out of Phase Tasks, Special Requirements, Time Limited Repairs.
- j) Certified Structural repairs.
- k) Certified List of Last Done / Next Due for all PSM and mandatory Tasks.
- l) Statement of oil and fuels used.

#### **Aircraft Maintenance Records**

- a) Aircraft flight and maintenance log sheets back to (as a minimum) the previous 36 months.
- b) Most recent Airframe certificates of release to service with a description of the work performed for all Heavy Maintenance Checks, EMMA Checks, out of phase tasks and any other checks.
- c) Airframe inspection, maintenance, modification and repair work cards for:
  - i. The last cycle of EMMA checks;
  - ii. The last cycle of Heavy Maintenance Checks;
  - iii. The last cycle of out of phase tasks;
  - iv. The last cycle of any other checks and/or maintenance tasks;
  - v. Non routine tasks for all maintenance checks; and
- d) Airworthiness Directive, Service Bulletin and other modification compliance documents including engineering orders, supplemental type certificates, master change notices, type certificate conformities, manufacturer or approved design

organization approvals, drawings, work cards, and other relevant documents required to establish the work performed, method of compliance, quality control acceptance, certification basis, approval authority and continued airworthiness.

- e) Aircraft weight and balance records, most recent weighing report.
- f) Last compass swing report.
- g) Last demo flight report.
- h) All Airframe Logbooks
- i) All Modification Logbooks
- j) All airframe Life Limited Parts – EASA Form 1 / FAA 8130-3 or TC Form One for each LLP, plus Back to Birth Traceability for each LLP.

### **Configuration Status**

- a) Certified Loose Equipment Inventory report
- b) Certified Inventory Listing of installed Avionic Units.

### **Manufacturer's Delivery Documents**

- a) Original C of A (Export) from State of Manufacture
- b) Manufacturer's AD Report- As available
- c) Manufacturer's SB Report- As available

### **Engine Records**

- a) Certified Statement of Status of Each Engine (On-Off History, if no Log Book)
- b) AD Compliance Report and Compliance Documents
- c) Manufacturer's Modifications & SB Status
- d) In-house Modifications (if applicable)
- e) LLP's – EASA Form 1 / FAA 8130-3 or TC Form One for each LLP, plus Back to Birth Traceability for each LLP.
- f) Certified LLP Listing
- g) Last Shop Visit Reports
- h) All available Engine Log Books
- i) Last Test Cell Run Report
- j) Certified Engine Accident Statement.
- k) Approved Release to Service Certification for installed LRU's.

### **Propellers**

- a) Approved Release to Service Certification (EASA Form 1, FAA 8130-3 or TC Form One) for each Propeller assembly.
- b) Certified AD Status and SB status.
- c) Last overhaul documentation and certification
- d) Propeller Log Book

### **Landing Gears**

- a) Approved Release to Service Certification (EASA Form 1, FAA 8130-3 or TC Form One) for each Gear.
- b) Last overhaul certification.

### **Manuals**

- a) Aircraft Flight Manual (AFM) and all applicable supplements.
- b) Weight & Balance Manual.
- c) Electrical Load Analysis (If Applicable).
- d) Aircraft specific Electrical Wiring Diagram (EWD).
- e) Installed STC Supplements.