# ABBREVIATIONS

**AFB** AIR FORCE BASE

**ACMI** AIRCRAFT, CREW, MAINTENANCE AND INSURANCE

**BBJ** BOEING BUSINESS JET

**EASA** EUROPEAN AVIATION SAFETY AGENCY

**FAA** FEDERAL AVIATION AGENCY

**FAR** FEDERAL AVIATION REGULATION

**Kg** KILOGRAM

**m** METER

**Nm** NAUTICAL MILES

**RFO** REQUEST FOR OFFER

**SAAF** SOUTH AFRICAN AIR FORCE

**SACAA**  SOUTH AFRICAN CIVIL AVIATION AUTHORITY

**VIP** VERY IMPORTANT PERSON

# 1. INTRODUCTION

* 1. **BACKGROUND**

The South African Air Force (SAAF) has a requirement to increase their current capacity to provide intercontinental air transportation to members of the South African Government.

The current capacity is based on a single BBJ 737-700 NG IGW aircraft that has been fitted with a VIP interior with seating for 18 people. The aircraft is fitted with auxiliary fuel tanks to extend the payload/range. The aircraft is operated by 21 Squadron, Air Force Base (AFB) Waterkloof in Centurion/Pretoria. The operating conditions out of this base have a key effect on the ability of the aircraft to achieve maximum payload/range due to density altitude constraints during the hot summer months.

Due to the limited availability of both air and ground crew, the solution must address capacity at 21 Squadron. This document addresses the request for a proposal for the wet lease of a business aircraft for a minimum period of 12 months.

before 4 May 2016 at 11H00. The response can be delivered by email, hardcopy or facsimile.

# 3. TECHNICAL REQUIREMENT

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|  | **GENERAL REQUIREMENTS** |
|  | The offeror shall submit a proforma lease agreement as part of the offer. |
|  | **DELIVERY CONDITIONS** |
|  | The aircraft shall be delivered to AFB Waterkloof and shall also be collected by the Lessor from AFB Waterkloof when the lease expires on 31 May 2017. |
|  | The lease shall run for a minimum period of 12 months commencing on the 1 June 2016.  |
|  | An option shall be available to extend the lease thereafter on a three (3) monthly basis if required. During this time either party may terminate the lease by giving a 60 day written notice of intent to terminate to the other party. |
|  | If a deposit is required, the offeror shall detail this in the conditions of their offer. |
|  | **LEASE COST (ACMI)** |
|  | The lease costs will consist of a fixed monthly cost/rental portion and a variable portion based on actual cost incurred for direct operating costs such as fuel, crew travel & accommodation allowance, etc. |
|  | The offeror shall provide the following cost breakdown: |
|  | Fixed monthly cost (i.e. monthly rental), inclusive of at least 40 hours flight per month. If the 40 flight hours per month are not utilized within a specific calendar month then the residual hours shall roll over and only expire at the end of the 12 month lease period. The fixed payment shall however be paid for the applicable month.  |
|  | A flight hour tariff, which is fixed for the first 12 months of the lease, for hours flown over and above the allocated 480 hours. |
|  | The fixed monthly cost shall include all the costs to provide a mission ready aircraft, at AFB Waterkloof and shall include the following:* + - * Aircraft management costs
			* Aircraft maintenance costs
			* Costs for one (1) permanent air crew
			* Costs for one ground crew.
			* Insurance. (Detail to be provided)
			* Note: The Lessor shall provide the apron services at AFB Waterkloof. All the required GSE and operators for daily operations, such as boarding steps (2x), tow vehicle, tow bar, ground power unit, etc. shall be supplied by the Lessor. These costs shall be separate from the above list.

Note: Space for storage of smaller spares can be negotiated. Two offices will be provided by the Lessee. The above costing shall be provided as separate line items and broken down at least one level lower. |
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 | A ceiling for ad-hoc provision for services based on actual costs incurred. The following is typically what would be claimed under the ceiling ad-hoc provision:* + - * Aircraft fuel.
			* Travelling and accommodation costs.
			* Airport, navigation and overflight costs.
			* Catering.
			* If more than one crew is required for a specific mission, the cost for the second crew shall be invoiced under this provision if and when the need arises.

Note: Fuel, catering and airport cost incurred at AFB Waterkloof shall be provided by the SAAF when parked at AFB Waterkloof |
|  | Both the fixed monthly costs and ad hoc costs will be paid on a monthly basis within 30 days after receipt of an invoice.  |
|  | The final claims shall be settled within three months after conclusion of the lease agreement. |
|  | A SAAF liaison officer shall accompany all operational flights. |
|  | One full crew shall be provided during the leasing period, the crew requirements are as follows: |
| 3.7.1 | A minimum of 1500 flying hours experience is required for the commander of the aircraft. |
| 3.7.2 | All personnel should preferably be RSA citizens. |
| 3.7.3 | All personnel shall be proficient in the English language. |
| 3.7.4 | The above crew requirements also hold for the second crew (slip crew) i.e. for missions that exceed the normal crew duty time.  |
| 3.7.5 | Military protocols and etiquette shall be adhered to by all aircrew members. The SAAF will provide the necessary orientation course in this regards free of charge. |
| 3.8 | The VVIP Unit shall be responsible for the mission specific planning, co-ordination and tasking. The aircraft shall operate under a call-sign allocated by VVIP Unit. The lessor’s aircrew shall assist the VVIP Unit mission planners with aircraft specific planning details. |
|  | **AIRCRAFT CAPABILITY SPECIFICATIONS** |
|  | The exterior paint scheme of the aircraft should be of a light colour, preferably white, appropriate for SAAF VIP air transport operations. |
|  | The South African Coat of Arms should be painted on the vertical stabilizer. As an alternative, a decal can be supplied. In such a case, the onus is on the Lessor to obtain certification for the use of such a decal. |
|  | The aircraft shall have a fully functional air capable Auxiliary Power Unit (APU) that shall provide full electrical and cabin ­environmental control while parked. |
|  | The aircraft year of manufacture should preferably be 2006 or later. |
|  | The Lessee shall not make any alterations to the aircraft. |
|  | **OPERATIONAL SPECIFICATIONS** |
|  | The aircraft will be operated locally within the South African air space, on the African continent and intercontinentally in amongst others European and United States air space. Operations shall be both VFR and IFR. |
|  | The aircraft shall be stationed at AFB Waterkloof (21 Squadron) and shall be available at all times during the contracted period. The aircraft shall be mission ready within one hour during working hours and two hours outside working hours.  |
|  | The aircraft can be parked overnight in one of the existing hangars if it fits.(Hangar door dimensions: 54,8m (Width), 15,16m (Height), 62,4m (Length), the hangar inside width is 63,3m). Alternatively the aircraft shall be parked and operated from the flight line. |
|  | When the aircraft is away from the AFB Waterkloof, it will not be parked in a hangar. |
|  | An average of 480 flying hours will be flown during the year. |
|  | **LOGISTIC SPECIFICATIONS** |
|  | The aircraft shall be capable of independent operations at destinations and intermediate airfields. Self-contained air stairs is required to allow passengers to exit and enter the aircraft at airports where there are no suitable boarding steps. |
|  | All maintenance on the aircraft during the lease period shall be the responsibility of the lessor. |
|  | The lessor shall detail any scheduled maintenance (for example the A-check) required during the lease period. |
|  | **INTERIOR SPECIFICATIONS**  |
|  | Principle member accommodation shall be partitioned from the main passageway and other passenger areas to provide total privacy and shall include the following: |
| 7.1.1 | Private sleeping accommodation (double bed), |
| 7.1.2 | Toilet and wash basin facility, |
| 7.1.3 | Shower, |
| 7.1.4 | Baggage storage and wardrobe facilities, |
|  | Facilities for computer, printer, Wi-Fi, internet and secure satellite communication shall be available in the cabin area. |
|  | A private conference area for at least six people shall be available. |
|  | Seating for remaining passengers shall be similar to business class seats. |
|  | The aircraft shall have a second toilet facility for the remaining passengers. |
|  | The aircraft should be equipped with an entertainment system and should include music and video (typically Blu-Ray) for all passenger areas. |
|  | The aircraft shall be fitted with a galley to cater for all passengers and crew.  |
|  | Offeror shall detail in his offer the water capacity that can be carried (taking into account the payload/range conditions) and shall detail the following: |
| 7.8.1 | Total water capacity |
| 7.8.2 | Water capacity available for shower and shower duration |
|  7.9. | Baggage Requirements: |
| 7.9.1 | On-board baggage facilities should be able to store space for each passenger and crew member (7kg and approximately 0,05m3 each) |
| 7.9.2 | The aircraft cargo hold area shall provide at least 0,3 m3 space for each passenger and crew member (30kg allowance for the 15 passengers and 20kg allowance for the crew). |
|  | **SECURITY REQUIREMENTS**  |
|  | The company, involved personnel / crew and aircraft shall be cleared by the South African Defence Intelligence. Non-South African citizens shall be subject to vetting. The OFFEROR shall declare themselves and their personnel as being willing to undergo such clearance/vetting. |
|  | Security lockup(s) for the safekeeping of valuables, foreign currency, weapons and classified documentation of the passengers and security personnel shall be provided.  |
|  | The Lessee retains the right to perform a check-out of the pilots regardless of previous experience. This shall be performed by the Officer Commanding21 Squadron. |
|  | **EMERGENCY/SURVIVAL EQUIPMENT** |
|  | The aircraft shall be fitted with emergency/survival equipment for the full complement of crew and passengers to cater for any en-route emergency within regulations.  |
|  | The emergency equipment shall include an on-board defibrillator that is certified for in-flight use. |
|  | **QUALITY AND INSPECTION REQUIREMENTS** |
|  | The following acceptance conditions are planned: |
|  | Compliance to the SACAA regulations for aircraft operating to and from South Africa. |
|  | Inspections of all records.  |
|  | At the termination of the lease the aircraft shall be returned in the same condition as when delivered except for acceptable wear and tear. Both parties shall inspect the aircraft at that point and any deviations, and corrective action if applicable, shall be discussed and agreed. |