United States Department of the Interior

INTERIOR BUSINESS CENTER
Washington, DC 20240

SINGLE SOURCE DETERMINATION UNDER THE SIMPLIFIED ACQUISITION THRESHOLD (SAT) FOR COMMERCIAL PRODUCT OR SERVICE AUTHORITY: RFO 12.102(a)

SOLICITATION # 140D0426Q0614

1. **Contracting activity/agency.** Department of the Interior, Interior Business Center, Acquisition Services Directorate, Division 2, Branch 5 in support of the Office of Aviation Services (OAS), Alaska Regional Office (AKRO).

2. **Description of supplies or services required to meet agency needs.**

   The Government requires one factory remanufactured (rebuilt), zero total time, brand name Continental engine, IO-550F-12B to be utilized on a Cessna C206G aircraft that has been converted to use a Continental IO-550F engine. The estimated cost of this required engine is [redacted]. This industry is faced with backlog and long lead times; the anticipated delivery date is estimated to be 6-9 months after date of order.

3. **Identification of the Brand Name and/or single source to be solicited.**

   Brand Name: Continental Aero Technologies (Continental)
   2039 South Broad Street
   Mobile, AL 36615

4. **Reason for authority cited.** Brand Name – The particular brand name is essential to the requirement and market research indicates similar products do not meet or cannot be modified to meet agency needs. If the justification is to cover only the portion of the buy which is brand name, then it should so state; the approval level requirements will then only apply to that portion.

5. **Rationale.**

   OAS is in need of a Continental engine to add to their inventory for the Cessna 206G aircraft in their fleet. OAS is currently out of stock of this engine type and would be in a bad position if they were to need one tomorrow. The rebuilt engine being purchased must be compatible with the Cessna C206G aircraft that has been converted to use this engine in accordance with Federal Aviation Administration (FAA) standards.

   The Continental IO-550F-12B is approved by the FAA and is the only engine eligible to be installed on a Cessna C206G aircraft that has been converted for this engine per their Type Certificate or appropriately altered condition. A Type Certificate is issued to signify the airworthiness of an aircraft manufactured to design or "type." The Type

Certificate reflects a determination made by the FAA that the aircraft is manufactured according to an approved design, and that the design ensures compliance with airworthiness requirements. The certificate is issued by the FAA and once issued the design cannot be changed without a Supplemental Type Certificate (STC). The Continental IO-550F-12B is the only engine that can fulfill the Government's requirement for this fleet aircraft.

6. Market Research.

Market research was conducted using internet searches, reviewing Continental distribution partners' websites for pricing and availability of engines. Review of Continental distribution partners' websites, prices, and delivery schedules indicate that there is only one authorized U.S. based distribution partner that can meet this requirement's essential need. However, based on several AQD awards, there are small businesses other than Continental's preferred distribution partner, Air Power, that can obtain the rebuilt engine and provide a product manufacturer warranty. Knowledgeable Government personnel from OAS were interviewed about this need and the FAA requirements as well as availability of Continental engines in Anchorage, AK.

OAS personnel have ordered many engines of this type and have the experience and knowledge necessary to understand this requirement and its challenges. Mandatory sources were reviewed to include GSA Advantage!. GSA does not provide this product. Other mandatory sources do not provide this item.

Based on the efforts described above, market research found this acquisition will be a brand name request IAW RFO 12.102(a). Continental engines are the only FAA approved engine that can meet this requirement for the OAS fleet aircraft. There is one known Continental authorized distribution partner in the United States, as well as several small businesses that are able to meet this requirement. NAICS code 336412 Aircraft Engine and Engine Parts Manufacturing applies to this acquisition.

Based on market research, agency need, safety, time and warranty, this requirement will be set aside to small businesses and require brand name Continental engines.

Under the authority of RFO **12.102(a)**, the undersigned hereby determines that this action only covers the engines peculiar to Continental as a brand name justification.

[redacted]

[redacted]