

## Business Request

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# UK industrial drone company is looking for a manufacturer or supplier of miniature, high performance, lightweight high torque servos or direct drive motors

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## Summary

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*A British company selling industrial drones with innovative patented technology is seeking a manufacturer or supplier of miniature, lightweight, high torque servos or direct drive motors with integrated angular position feedback under a manufacturing agreement.*

**Creation Date** 08 February 2017  
**Last Update** 09 June 2017  
**Expiration Date** 09 June 2018  
**Reference** BRUK20170208002

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## Details

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### Description

The maintenance of certain infrastructures such as buildings, oil pipelines, bridges, railways and wind farms can be challenging due to the lack of easy access for a human being and can be very expensive due to specialised machinery requirements.

A UK company is selling a high technology drone with patented technologies that can be used by companies in the building, oil and defense industries in order to reduce their monitoring and maintenance cost. The management of the company has many years' experience in remotely piloted aerial systems and has developed commercial partnerships with international corporations for the commercialisation of their drones.

The company is seeking companies to manufacture or supply miniature, lightweight, high torque servos or direct drive motors with integrated angular position feedback. This would be conducted via a manufacturing agreement.

The quantities would be small at first between 1-20 and then is expected to grow as the demand increases.

### Technical Specification or Expertise Sought

The high-performance, lightweight, high torque servos that have integrated angular position feedback should have technical specification similar to those below:

Dimensions(mm): 40 x 20 x 37 (typical)

Weight(g): 50 (typical)

Speed(@6.0V sec/60): 15s

Ref: BRUK20170208002

Torque(@6.0V): 20kg.cm

Position information: 0.5 degrees accuracy or better

## Stage of Development

Already on the market

## Comments Regarding Stage of Development

The drones are already on the market but are being developed further by the company.

## IPR Status

Patents granted

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## Keywords

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### Technology

01001001                      Automation, Robotics Control Systems

### Market

08003007                      Other industrial equipment and machinery

### NACE

H.51.2.1                      Freight air transport

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**Open for EOI :**    **Yes**

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## Dissemination

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### Send to Sector Group

ICT Industry and Services

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## Client

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### Type and Size of Organisation Behind the Profile

Industry SME <= 10

### Year Established

2008

**Turnover**

1 - 10M

**Already Engaged in Trans-National Cooperation**

Yes

**Languages Spoken**

English  
German  
French

**Client Country**

United Kingdom

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**Partner Sought**

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**Type and Role of Partner Sought**

The company is seeking interested manufacturers who have experience and a proven track record in the supply of miniature, lightweight, high torque servos or direct drive motors. These will also need to include integrated angular position feedback. The partner will need to have the ability to meet needed quality and safety standards and certifications.

**Type and Size of Partner Sought**

SME 11-50, SME <10, >500 MNE, 251-500, SME 51-250, >500

**Type of Partnership Considered**

Manufacturing agreement

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**Attachments**

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