



**BOEING STATEMENT OF WORK  
D1-4426 QUALIFICATION OF TI-6AL-4V INGOT**

Boeing, in response to UKTMP's Request for Qualification, proposes to provide the following services:

1.0 WHAT BOEING WILL PROVIDE

- 1.1 Engineering support and approval of a Ti-6Al-4V ingot qualification data package sufficient to support UKTMP's qualification for Ti-6Al-4V ingot
- 1.2 On-site engineering audit of UKTMP's melt facilities, sufficient to support UKTMP's qualification for Ti-6Al-4V ingot
- 1.3 Coordination of approvals to list UKTMP as an approved source of Ti-6Al-4V ingot in D1-4426 upon successful completion of items 1.1 and 1.2

2.0 WHAT UKTMP WILL RECEIVE UPON COMPLETION (i.e., report, data, hardware)

Notification of listing in D1-4426

3.0 WHAT UKTMP WILL PROVIDE and WHEN

- 3.1 Titanium melt history and capability, including no less than 10 most recent heats of Ti-6Al-4V
- 3.2 Internal process control and raw material quality documents, translated to English (at time of on-site engineering audit)
- 3.3 Mechanical test and quality inspection reports demonstrating successful conversion of Ti-6Al-4V into usable mill product (meeting the requirements of a recognized AMS or BMS document), meeting the intent of D042T601

Initial discussions and a UKTMP proposal are expected within approximately four weeks after Contract award. The content and quantity of a data package will be agreed upon between UKTMP and Boeing within approximately eight weeks after Contract award. UKTMP will complete a data package and schedule an on-site engineering audit by Boeing within approximately 24 weeks after Contract award.

4.0 TIMETABLE

Boeing will begin the Services after Contract award. Boeing anticipates performing the Services in accordance with the following approximate schedule:

- 4.1 Engineering approval of the proposed data submittal within eight weeks after Contract award.
- 4.2 On-site engineering audit within approximately eight weeks after submission of an acceptable data package.