

MICE Collaboration meeting (CM20)

At RAL 10 – 13 Feb 2008

**AFC Magnet – Status and
Progress**

W. Lau, Oxford University

Status of and progress on the AFC Module

What was in the tender

Scope

The tender called for 2 AFC modules to be ordered immediately with the option for the 3rd module to be ordered later pending on funding.

Supply to include

- Final engineering design, manufacture, at works acceptance test, delivery and on site acceptance test.

Requested delivery from receipt of order for the 3 modules was:-

- Module 1 - 18 months
- Module 2 - 24 Months
- Module 3 - 30 months

Status of the AFC Module tender

Invitation for tender was sent out to 6 companies on the 2nd of July 2007;

A total of 5 bids were received. They were:

- Tesla (two options)
- Babcock Noell
- Accel
- ASG Superconductor
- Wang MNR

Tender evaluation carried out on the 20th of August 2007;

Bid clarification with Tesla was held on the 27th of September 2007;

Bid Clarification

A bid clarification meeting was held with Tesla on the 27th of September.

Tesla: M Begg, B Leigh, S Bates, R Fellowes, F Goldie, M Nakatsu

Oxford J Cobb, W Lau

STFC: T Bradshaw, E Baynham, R Elliot

Executive Summary

Purpose and scope of the meeting

- Review Tesla Technical proposal in detail
- Assess Tesla staff and manufacturing facilities
- Schedule
- QA
- Clarification of contract points

Status of the AFC Module tender

Invitation for tender was sent out to 6 companies on the 2nd of July 2007;

A total of 5 bids were received. They were:

- Tesla (two options)
- Babcock Noell
- Accel
- ASG Superconductor
- Wang MNR

Tender evaluation carried out on the 20th of August 2007;

Bid clarification with Tesla was held on the 27th of September 2007;

We made the following recommendations to the MICE Board after the meeting:

Recommendations

Summary of recommendations to the MICE TB

The Tesla offer was the most competitive when assessed against the bid evaluation criteria and cost

The offer is compatible with the MICE schedule with some margin

The bid evaluation visit confirmed that Tesla had put a lot of effort into the bid preparation

The design team was satisfied from the bid evaluation visit that Tesla have the combination of facilities and personnel to undertake the manufacture of the AFC modules

Input will be required from the design teams at Oxford and RAL to ensure the design meets the MICE specification and is executed to the correct QA standards – this would be true for any bidder at some level

The design team recommends that the MICE Technical Board approves the proposal to place the contract with Tesla

Status of the AFC Module tender

Invitation for tender was sent out to 6 companies on the 2nd of July 2007;

A total of 5 bids were received. They were:

- Tesla (two options)
- Babcock Noell
- Accel
- ASG Superconductor
- Wang MNR

Tender evaluation carried out on the 20th of August 2007;

Bid clarification with Tesla was held on the 27th of September 2007;

We made the following recommendations to the MICE Board after the meeting;;

Validation of Tesla's original offer expired on the 9th of November 2007;

They agreed to extend their offer validity period by a further 3 months from the 9th of November. This ran out on the 9th of February 2008;

Schedule

- Tender requested - Module 1 - 18 months
 - Tesla offer – 12 months
- Tender requested - Module 2 - 24 Months
 - Tesla offer – 18 months
- Tesla schedule is aggressive
- RAL/Oxford – believe more time should be allocated at the design/review stage to get the design right
- Tesla schedule is based on delivery quotes for all the big items

Progress on the AFC Module

It has been more than 6 months since we picked the successful bidder for the supply and **no progress** was made.

On February the 1st Tom Bradshaw spoke to Tesla explaining the delay in signing the AFC contract. This was what Tom recalled:

“... Mike Begg, the managing director of Tesla, had actually contacted Janet Seed on the matter and he was up to speed with developments. They are quite busy at the moment and the gist was that they were not too unhappy that there has been a delay”

Although there does not seem to be any immediate danger with Tesla withdrawing their bid because right now they have a full order book, we may have to be *“a bit more formal about things”* if the delay in contract signing drags on longer.

Let us not to forget the other items within the AFC modules which are supplied by our Japanese and US collaborators – 3 off Absorbers and 12 off thin windows. They too need time to organise their finance and machining.....

Progress on the AFC Module

Question was raised if we need to re-tender for the AFC module

All the indications are that we may not need to go out to re-tender unless the economic circumstances (e.g. material price increase ..) or contractual conditions change (e.g. ordering one instead of two modules initially ...)

Meanwhile Richard Elliot who has been handling the procurement of this contract has left STFC. Carolyn West is his replacement on this matter.