

## ANEXO 7: TECHNICAL DOCUMENTATION TO BE EVALUATED

There are two kinds of evaluation criteria:

1) Scoring of criteria that are subject to interpretation and evaluation by the reviewers panel. This documentation should be present in the ENVELOPE #2.

2) Scoring of criteria that are quantified and scored automatically (price and term). The documentation should be present in the ENVELOPE #3

### 1) SCORING OF CRITERIA THAT DEPEND ON THE REVIEWERS EVALUATION (TOTAL GRADE: 40 POINTS (OUT OF 100)):

#### Technical offer (from 0 to 40 points)

In the technical offer the feasibility and quality of the methodology proposed for fulfill the contract objectives is evaluated. The proposed fabrication procedure and the coherence of the whole proposal will be evaluated. The evaluation report will follow a "technical questionnaire" following the questions listed below.

The proposals from all the bidders will be compared among themselves with a **score ranging from 0 to 5**. For each question, the best answer will be given an score of 5 (best answer), and the rest scaled accordingly up to 1 (worst evaluated answer), according to the next table:

Best answer for each question (and all answers with the same evaluation)	5
Answer slightly worse	4
Answer worse than the best	3
Answer very clearly worse than best	2
Answer particularly worse than best	1
No answer	0

If the best answer is not, as evaluated by the reviewers, good enough, it could be scored with a score less than the maximum. The rest of answers will be scaled accordingly.

The total score for this section will be 40 points. The score given to questions B1, B2, B3 are weighted according to:

$$\text{Total section score} = (B1 * 5/10) + (B2 * 25/15) + (B3 * 10/5)$$

### **TECHNICAL QUESTIONNAIRE:**

#### **Question B1: Project plan (score from 0 to 10, scaled to 5 points)**

**B1.1** Description of the project plan, Gantt diagram showing intermediate milestones and all the project tasks (0 to 5)

**B1.2** Description of the quality plan for the contract, description of the document managing procedure and the tracking of customer requirements; non-compliance managing. (0 to 5).

#### **Question B2: Fabrication plan (score from 0 to 15, scaled up to 25 points)**

##### **B2.1** Detailed description of the fabrication procedure

The detailed description of the proposed fabrication procedure will be evaluated. This will include a Control and Inspection Plan defined to achieve the contract specifications, that is, to get the final product specifications starting from the raw material (copper blocks). It is mandatory that the procedure includes a geometric measurements (metrology) of the external flat faces that will be used as assembly reference, as described in the Technical Specifications document. (0 to 10)

##### **B2.2** Technical drawings analysis

The bidder should evaluate and provide a detailed analysis of the technical drawings and the tentative fabrication procedure there shown. An alternative to this procedure will be evaluated in terms of:

- simplified fabrication procedure
- insertion or modification of external elements for manipulation or lifting, or the addition elements included to guarantee that the assembly of the segments is repetitive.
- improvement of final mechanical tolerances

as long as the internal geometry and the critical tolerances are fulfilled.

The thoroughness of the study presented and the proposed alternatives will be the basis for the scoring. (from 0 to 5).

**Question B3 Tests and verification plan (from 0 to 5, scaled to 10 points)**

**B3.1** Test and verification plan, as described in the Technical Specifications document.

The detailed description of the geometric (metrology) measurements, the circuits leakage, etc, that are needed to assess the geometric tolerances specified in the technical drawings will be evaluated. This refers, particularly, to the critical elements that are involved in an RFQ: modulation curve measurement, vane tip measurement in a segment and in the assembly, with respect to the external reference faces. The aim is to verify that the absolute and relative (to the reference) positions of the four vane tip modulations are within specifications. (from 0 to 5).

**2) SCORING OF CRITERIA THAT DO NOT DEPEND ON THE REVIEWERS EVALUATION. AUTOMATIC SCORING (TOTAL GRADE: 60 POINTS (OUT OF 100):**

The documentation corresponding to this set of criteria should be included in the “ENVELOPE 3”.

**2.1 ECONOMIC QUOTATION (50 points)** (according to Annex 9 template).

This will be fulfilled following the template that appears as Annex 9 of these documentation.

SCORING: Up to 50 points, according to the formula:

- Proposal with the lowest price → score = 50 points
- Rest of proposals → score = (lowest price / proposal price) x 50

(If a proposal is very over priced or under priced than the rest, it could be automatically excluded, as described in Annex 9).

**2.2 DELIVERY TERM (10 points)**

A proportional criteria will be used. The proposal with the shortest delivery term will be scored with the maximum value (10 points) and the rest will be inverse proportionally scored, according to the formula:

Delivery term score for current proposal = (weeks for the shortest term proposal / weeks for current proposal) x 10

If the delivery term proposed is less than the 20% of the estimated time of 18 months, a detailed and explicit justification of hoe to achieve this should be presented. This justification will be

evaluated by the reviewers panel, that can reject the proposal if it is deemed unfeasible.

NON LEGALLY BINDING