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Referring to the announced open tender proceeding in accordance with Article 132 of the Act of 11 September 2019 – Public Procurement Law (consolidated text Journal of Laws of 2024, item 1320, as amended) for the selection of a Contractor for the design, manufacturing and delivery of a vacuum chamber system and optical components for the needs of NSRC Solaris (Phelix beamline), case number: 80.272.62.2025

Question no. 1:
Is it mandatory to use single channel ion pump controllers or are multichannel ion pump controllers acceptable?

Response:

The Contracting Authority confirms that the single channel ion pump controllers are mandatory and that multichannel ion pump controllers are not acceptable.

Question no. 2:

The optical supplier limits the measurable width of the optical surface of the sagittal cylinder to ≤13 mm. Can this be accepted?

Response:

The Contracting Authority agrees to limit the measurable width of the optical surface of the sagittal cylinder to ≤13 mm. At the same time the requirement of 20 mm of optical surface area for the M4b and M4c mirrors maintains.

Question no. 3:

The optical supplier limits (also for reasons of metrology) the tangential slope error for the elliptical mirror to ≤2.5µrad. Can this be accepted?

Response:

The Contracting Authority agrees to the Contractor's proposal and accept change the tangential slope error for the elliptical mirror from ≤1µrad to ≤2.5µrad **and introduces the following modification of the Table 6 in section 2.5.8 of the Appendix A (the change is highlighted in yellow):**

M4c mirror – elliptical curvature

Parameter	Value and unit
Name	Horizontally focusing mirror (M4c)
Material	Si
Shape	Elliptical
Substrate dimensions (Length x Width x Height)	L x W x H: 260 x 50 x 40 mm^3

Optical surface	240 x 20 mm^2
Incidence angle	1.5º
Semi-major axis (*)	4750 mm ± 0.3 %
Semi-minor axis (*)	103.2 mm ± 0.3 %
Tangential slope error (rms)	≤ 2.5 µrad
Sagittal slope error (rms)	≤ 10 µrad
Roughness	≤ 0.3 nm
Coating	Au 50 nm
Binding layer	Cr or Ta (depends on the Manufacturer)

Question no. 4:

Will the calibration samples used within the diagnostic unit be free issued by the purchaser?

Response:

The Contracting Authority confirm that **the Purchaser (Contracting Authority)** is responsible for delivery of the calibration samples. The Contractor is responsible for delivery diagnostic unit with certain holders where the calibration samples can be mounted, described in Appendix A, section 2.5.6.

MODIFICATION OF THE CONTENT OF THE TERMS OF REFERENCE

Pursuant to Article 137(1) of the PPL, the contracting authority modifies the following parameters. The Contracting Authority has detected a typographical error in the parameters of the tangential radius and the sagittal radius for the M3b mirror. Therefore, the Contracting Authority modifies Table 2 in section 2.5.1 of Annex A, which reads as follows (the changed items are marked in yellow):

Parameter	Value and unit
Name	Toroidal focusing mirror (M3b)
Material	Si
Shape	Toroid
Substrate dimensions (Length x Width x Height)	L x W x H: 420 x 60 x 40 mm^3
Optical surface	400 x 40 mm^2
Mirror clamp groove dimensions (distance to base x depth x width)	10 x 10 x 10 mm^3
Incidence angle	2.0º
Tangential radius	298 232 mm ± 1 %
Sagittal radius	663.1 mm ± 0.5 %
Tangential slope error (rms)	≤ 10 µrad
Sagittal slope error (rms)	≤ 25 µrad
Roughness	≤ 0.5 nm
Coating	Au 50 nm
Binding layer	Cr or Ta (depends on the Manufacturer)

The Contracting Authority informs that the deadlines for submitting and opening bids do not change.

At the same time, the Contracting Authority informs that the above modification and questions to the content of the ToR are an integral part of it.

Yours sincerely,

Katarzyna Jasińska