

Qualification criteria and Information to be delivered by the Bidders

Subject: **Assessment and Overhaul of the Paranal Observatory 8m mirror coating plant**

In order to be considered as qualifying, the Bidders will have to fulfill the following conditions and deliver the corresponding information allowing ESO to assess compliance and credibility.

1. Compliance with the Technical qualification criteria:

Relevant information will have to be provided for each point in the table below, demonstrating your qualification / experience.

Item	Information to be delivered	Compliance (Yes / No) and Comment / Justification / References
Company experience in big vacuum systems manufacturing, installation, maintenance and/or retrofit	Description of company's experience in that field	
Sufficient company experience in cryogenics systems under high vacuum (cryopumps, Meissner traps,..)	Description of company's experience in that field	
Sufficient company knowledge / experience in coating equipment and process by sputtering technics	Description of company's knowledge / experience in that field	
Adequate experience of the proposed team in the fields of -sputtering process control, monitoring and analysis - local and global leak detection and suppression - contamination control; cleaning of vacuum chamber and equipments	CVs of proposed key personnel (project manager, process engineer, mechanical engineer, ...)	
Availability and suitability of the proposed tools, equipment and facilities to carry out the assessment and stage 2 short-term upgrade to get the plant back to ist nominal performance	Description of tools, equipment and facilities that the contractor would use during the assessment and overhaul phases ,if applicable (at their premises and on site)	
Adequate Quality Assurance (QA) Plan / Certification (if any)	Description of the QA approach and/or Plan and delivery of QA Certificate(s), if any	
Quality/credibility of the proposed project plan	Project Plan	
Understanding of the specificity of ESO application, far from any industrial one, but prohibiting any risk on our unique substrates	Short description of the intended approach and risk management	

2. The companies shall in addition deliver the following information, which would be a bonus:

Experience on thin films deposition systems for astronomical Projects.

Experience on high tech systems in a remote environment like the Paranal site, away from any facilities, laboratory.

3. Compliance with the Contractual & Commercial qualification conditions:

The Contract that may be placed as a result of this procurement shall be in accordance with the following conditions.

The Bidders will have to explicitly confirm acceptance. Any reservation / deviation will have to be duly justified and may result in the offer being rejected.

Item	Compliance (Yes / No) and Comment / Justification
All Tender documents and Contract will be in English.	
The resulting Contract shall be subject to the "General Conditions of ESO Contracts" and the Contractor's general conditions of sale shall not apply. Note that, due to the operational requirements, ESO intends to apply penalties for delay in case the Contractor is late	
The Contract price shall be firm and fixed ¹ for the Stage 1 and the offer for Stage 2 will also have to be made at a binding firm fixed price	

¹ Firm fixed price = shall include all costs relating to the performance of the Contractor's obligations under the corresponding Contract prices, whatever the difficulties and quantities required by the Contractor.