**ANNEX NO. 4 OF DOCUMENTATION OF THE TENDER PROCEDURE**

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**SPECIFICATION OF THE PUBLIC CONTRACT SUBJECT**

The subject of the public contract shall meet the following requirements for technical parameters and equipment:

|  |  |  |
| --- | --- | --- |
| **Technical specification – Plasma decontaminator** | | |
| **Designation of the delivery (min. brand and type)** | |  |
| **Individual technical parameters of the performance** | | **Data about the offered performance** |
| 1 | The device is usable to clean vacuum chambers from hydrocarbon contamination and to oxidize metallic sample surfaces. |  |
| 2 | The device is consisted of a plasma source combined with a gas feed module and a controller. |  |
| 3 | Minimum RF power 20 W | ***and will enter the actual value*** |
| 4 | Work under O2 (air) pressure of up to 3 torr | ***and will enter the actual value*** |
| 5 | Allow the evacuation up to 10-7 mbar | ***and will enter the actual value*** |
| 6 | 100-240 VAC 50/60 Hz input |  |
| 7 | Optional computer control |  |
| 8 | Electrically adjusted valve for flow/pressure adjustment |  |
| 9 | RF power interlock that prevents starting when out of vacuum pressure range |  |
| 10 | Equipped with a vacuum gauge |  |
| 11 | DN 40 CF mounting port |  |
| 12 | Maximum length on the side outside the chamber 280 mm | ***and will enter the actual value*** |