**ANNEX NO. 4a OF DOCUMENTATION OF THE PROCUREMENT PROCEDURE**

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**SPECIFICATION OF THE PUBLIC CONTRACT SUBJECT for lot 1 of the public contract**

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

|  |  |  |
| --- | --- | --- |
| **Technical specification**­­ **­– Detectors** | | |
| **Designation of the delivery (min. brand and type)** | |  |
| **Individual technical parameters of the performance** | | **Data about the offered performance** |
| 1 | head on photomultiplier, 16 pieces |  |
| 2 | round shape photocathode, diameter 45 mm | ***and will enter the actual value*** |
| 3 | UV light transparent input window |  |
| 4 | wavelength sensitivity: min. 160 -650 nm | ***and will enter the actual value*** |
| 5 | cathode luminous sensitivity  60 uA/lm | ***and will enter the actual value*** |
| 6 | cathode blue sensitivity  8 A/lmb | ***and will enter the actual value*** |
| 7 | anode gain  2.5 × 106 | ***and will enter the actual value*** |
| 8 | pulse rise time ≤ 0.8 ns | ***and will enter the actual value*** |
| 9 | dark current ≤ 100 nA | ***and will enter the actual value*** |
| 10 | voltage divider must be included, negative voltage on cathode |  |
| 11 | BNC or SMA connector for output signal from anode | ***and will enter the actual value*** |
| 12 | SHV connector for supply voltage |  |