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| Annex 1 – Scope of Work**The detailed description of the subject matter of the Contract:**1. According to the Contract and for the Price of Work the Contractor shall design, manufacture, assemble, test and deliver in the place of delivery stipulated in the Contract following Devices that fulfill the requirements of the Technical specification of the Client, this Contract and the Contractor´s Bid:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Item | Dwg title | Dwg no | QTY – pcs |
|  |  |  |  |  |
| **1** | **Bellows** | Bellows\_DN250\_230 | 00104221 | 20 |
| **2** | **Pipes** | L1E1\_P01\_CH2-3 | 00104267 | 1 |
| L1E1\_P02\_CH2-3 | 00104268 | 1 |
| L1E1\_P03\_CH3-5 | 00104269 | 1 |
| L1E1\_P05\_CH3-5 | 00104281 | 1 |
| L1E1\_P06\_CH3-5 | 00104282 | 1 |
| L1E1\_P12\_CH8-9 | 00104289 | 1 |
| L1E1\_P13\_CH8-9 | 00104290 | 1 |
| L1E1\_P14\_CH9-10 | 00104292 | 1 |
| L1E1\_P15\_CH9-10 | 00104293 | 1 |
| L1E1\_P16\_CH10-12 | 00104294 | 1 |
| L1E1\_P18\_CH10-12 | 00104296 | 1 |
| L1E1\_P19\_CH10-11 | 00104297 | 1 |
| L1E1\_P20\_CH10-11 | 00104298 | 1 |
| L1E1\_P21\_CH10-11 | 00104301 | 1 |
| L1E1\_P22\_CH10-11 | 00104302 | 1 |
| L1E1\_P23\_CH10-13 | 00104303 | 1 |
| L1E1\_P24\_CH13-HHG | 00110952 | 1 |
| L1E1\_P25\_CH12-PSX | 00110962 | 1 |
| **3** | **Support frames for pipes** | L1E1\_F4 | 00110881 | 3 |
| L1E1\_F5 | 00101717 | 12 |
| L1E1\_F6 | 00104392 | 1 |
| **4** | **Support frames for chambers** | L1E1\_F2 | 00109283 | 2 |
| L1E1\_F3 | 00109230 | 2 |
| **5** | **Chambers** | L1E1\_CH8 | 00090530 | 1 |
| L1E1\_CH9 | 00090538 | 1 |
| L1E1\_CH11 | 00090540 | 1 |

1. The Work according to the Contract shall consist of following Deliverables and their parts as are listed below in the table designated as “The description of the subject matter of the Contract”, which the Contractor undertakes to perform:

The description of the subject matter of the Contract

|  |  |
| --- | --- |
| Deliverable | The description of the parts of Deliverable |
| **D1:**The Contractor shall design, manufacture, assemble, test and deliver to the Client 20 pcs of bellows specified under items 1 above (hereinafter the “**Deliverable D1”)** | Within this Deliverable 1 the Contractor shall:1. develop the Conceptual design of the bellow into detailed plan of this Device (hereinafter “**Deliverable D1 i**”);
2. manufacture and assemble 20 pcs of bellows in accordance with the detailed plan of this Device approved by the Client within Deliverable 1 i) and shall test these devices pursuant to the Verification plan at the Contractor´s premises (hereinafter “**Deliverable D1 ii)**”);
3. deliver 20 pcs of above mentioned bellows and test them pursuant to the Verification plan in the Research center ELI-Beamlines (hereiafter “**Deliverable D1 iii)**”).
 |
| D2:The Contractor shall design, manufacture, assemble, test and deliver to the Client 18 pcs of vacuum pipes specified in the table above under items 2 above (hereinafter“**Deliverable D2**”). | Within this Deliverable 2 the Contractor shall:1. develop the Conceptual design of all vacuum pipes presented by the Client so, that the preliminary designs of these devices are created (hereinafter “**Deliverable D2 i)**”);
2. develop preliminary designs of these devices approved by the Client in Deliverable 2 i) into detailed plans of these devices (hereinafter “**Deliverable D2 ii**)”);
3. manufacture and assemble all vacuum pipes pursuant hereof in accordance with the detailed plan of these devices approved by the Client within Deliverable 2 ii) and shall test these devices pursuant to the Verification plan at the Contractor´s premises (hereinafter “**Deliverable D2 iii)**”);
4. deliver 18 pcs of above mentioned vacuum pipes and test them pursuant to the Verification plan in the Research center ELI-Beamlines (hereinafter “**Deliverable D2 iv)**”).
 |
| D3:The Contractor shall design, manufacture, assemble, test and deliver to the Client 16 pcs of frames for vacuum pipes specified in the table above under item 3 above (hereinafter“**Deliverable D3**”). | Within this Deliverable 3 the Contractor shall:1. develop the Conceptual design of all frames for vacuum pipes presented by the Client so, that the preliminary designs of these devices are created (hereinafter “**Deliverable D3 i)**”);
2. develop preliminary designs of these devices approved by the Client in Deliverable 3 i) into detailed plans of these devices (hereinafter “**Deliverable D3 ii**)”);
3. manufacture and assemble all frames for vacuum pipes pursuant hereof in accordance with the detailed plan of these devices approved by the Client within Deliverable 3 ii) and shall test these devices pursuant to the Verification plan at the Contractor´s premises (hereinafter “**Deliverable D3 iii)**”);
4. deliver 16 pcs of above mentioned frames for vacuum pipes and test them pursuant to the Verification plan in the Research center ELI-Beamlines (hereinafter “**Deliverable D3 iv)**”).
 |
|  The Contractor shall design, manufacture, assemble, test and deliver to the Client 4 pcs of frames for chambers specified in the table above under item 4 above (hereinafter“**Deliverable 4**”). | Within this Deliverable 4 the Contractor shall:1. develop the Conceptual design of all frames for chambers presented by the Client so, that the preliminary designs of these devices are created (hereinafter “**Deliverable 4 i)**”);
2. develop preliminary designs of these devices approved by the Client in Deliverable 4 i) into detailed plans of these devices (hereinafter “**Deliverable 4ii**)”);
3. manufacture and assemble all frames for chambers pursuant hereof in accordance with the detailed plan of these devices approved by the Client within Deliverable 4 ii) and shall test these devices pursuant to the Verification plan at the Contractor´s premises (hereinafter “**Deliverable 4 iii)**”);
4. deliver 4 pcs of above mentioned frames for chambers and test them pursuant to the Verification plan in the Research center ELI-Beamlines (hereinafter “**Deliverable 4 iv)**”).
 |
| The Contractor shall design, manufacture, assemble, test and deliver to the Client 3 pcs of vacuum chambers specified in the table above under item 5 above (hereinafter“**Deliverable 5**”). | Within this Deliverable 5 the Contractor shall:1. develop the Conceptual design of all vacuum chambers presented by the Client so, that the preliminary designs of these devices are created (hereinafter “**Deliverable 5 i)**”);
2. develop preliminary designs of these devices approved by the Client in Deliverable 5 i) into detailed plans of these devices (hereinafter “**Deliverable 5 ii**)”);
3. manufacture and assemble all vacuum chambers pursuant hereof in accordance with the detailed plan of these devices approved by the Client within Deliverable 5 ii) and shall test these devices pursuant to the Verification plan at the Contractor´s premises (hereinafter “**Deliverable 5 iii)**”);
4. deliver 3 pcs of above mentioned vacuum chambers and test them pursuant to the Verification plan in the Research center ELI-Beamlines (hereinafter “**Deliverable 5 iv)**”).
 |

1. In accordance with Art. III par. 3 of the Contract the Client is entitled until the term for delivery of detailed manufacturing plan of each Device (as stated in in Annex 3 hereof ) to ask the Contractor to modify the Work that shall be included in the Price of Work as follows:
	1. In the case of all vacuum pipes hereof the pipe length can be changed ± 10%;
	2. In the case of all vacuum chambers the number of flanges in the height of the optical table can be increased by 20 flanges and the number of flanges in the bottom of the vacuum chamber can be increased by 6 flanges.

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