**ANNEX 2** **TEHNICAL SPECIFICATIONS**

**SUBJECT OF PROCUREMENT: Sinter HIP furnace**

**PROCUREMENT NUMBER: 02/19**

|  |  |  |  |
| --- | --- | --- | --- |
| The name of the bidder | |  | |
| Address of the bidder | |  | |
| OIB Bidder | |  | |
| Phone | |  | |
| E-mail address | |  | |
| Order.number | Description of the item | Offered | Satisfies YES / NO \* |
| 1 | Working volume: 25-50 dm 3 |  |  |
| 2 | Quantity of material in the oven: 50 - 100 kg |  |  |
| 3 | The minimum temperature of 1600 0C. |  |  |
| 4 | Temperature stability: ± 7 0C |  |  |
| 5 | Max. Working pressure: 80bar |  |  |
| 6 | Highest vacuum level:5x10-3 – 10-2 mbar |  |  |
| 7 | Power: 180-200 kVA |  |  |
| 8 | The furnace must have a control system that includes a computer with software that enables:  - show the status of the furnace in real-time  - view all the details of the process  - serial data storage  - control of furnace and cycle components  - display and store alarms. |  |  |
| 9 | Audible / visual alarms must occur in case of:  ▪ lack of cooling water  ▪ low pressure in the pneumatic system  ▪ low pressure in the process gas supply  ▪ excessive temperatures inside the thermal chamber or on the inner wall of the vessel  ▪ loss of working vacuum level  ▪ thermoelectric failure |  |  |
| 10 | Warranty Period: Minimum 12 months |  |  |
| Manufacturer's name | |  | |

\* fulfills the order of the Customer when reviewing and evaluating the offer

**FOR TENDERERS:**

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                                                                                               (name and surname, function of authorized person)

                                     M.P.

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(signature of the authorized person)