**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)