**ORDER DESCRIPTION**

1. **Object of the contract**

The subject of the contract is a Precision Peltier Temperature Controller in the amount of

* Thermoelectric controller 5 pcs.
1. **The scope of the subject of the contract**

A detailed description of the subject of the contract is provided in section 5 of this document.

1. **Criterion**

Offers will be evaluated according to a point scale with a maximum number of points of 100.

| Criterion | Maximum number of points S | Method of awarding points |
| --- | --- | --- |
| Net Price (P) | 100 | S x Pmin/Pi |

Where:

* Pi – the net price of goods - for the given offer
* Pmin - the minimum delivery net price for the ordered goods from all offers submitted
* S – number of points

The final score will be calculated by adding up the partial components and then rounded to two decimal places (rounded from "5" up).

1. **Deadline for completing the order**

**As soon as possible, no later than 3 weeks from the date of placing the order. Deadline for completion of the order includes readiness to hand over the goods to the Ordering Party, which complies with application of the EXW Incoterms2020 principle.
According to the EXW (ex works) principle, the moment of delivery of the goods is considered to be the moment of placing the goods at the disposal of the buyer at place indicated by the supplier (factory, plant etc.).
The Ordering Party shall accept application of other Incoterms2020 principle (such as FCA, DAP etc.), on condition that the Contractor will meet the deadline for completion, as referred to above.**

1. **Parameters**

**5.1 Detailed scope of the subject**

| Product name | Parameter | Specification |
| --- | --- | --- |
| Thermoelectric controller  | Cooling power | 42 W |
| DC Input | 5-24 V/ 4A |
| Bipolar Output | 0-21 V/ ± 4A |
| Temperature Probe Input | NTC |
| Temp. Precision / Stability | ≤ 0,01 ℃ |
| Wire connect | Screw |
| Communication | RS485, RS232 TTL, USB |
| Operation Modes | Stand-AloneRemotely-ControlledScript-Controlled |
| Temperature Control | Current driverVoltage driverFull Temperature ControlHeat Only / Cool Only |
| Dimensions (L x W x H) | 65 mm x 38 mm x 14 mm |
| Dedicated software | Yes Monitoring of operating parameters like temperature, current or voltage Charting: Diagram for object temperature, current and PID control variables in high temporal resolution Logging / export of operation parameters to a CSV file PID auto tuning: convenient way to find the optimal PID parameters for the thermal model Lookup table / scripting for temperature profiles in stand alone operation of TEC controller Error management and analysis, safety limitations etc.  |