**ORDER DESCRIPTION**

1. **Object of the contract**

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

* Two-Channel Benchtop Stepper Motor Controller 1 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 principles (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 |
| --- | --- | --- |
| Two-Channel Benchtop Stepper Motor Controller | Motor parameters | Motor Drive Connector :15-Pin, D-Type Female  Encoder 5 V  I/O: 2-Phase Bipolar Motor Drive Output  Differential Quadrature Encoder (QEP) Input  Forward, Reverse Limit Switch Inputs |
| Motion control | Control I/O Connector :15-Pin, D-Type Female  I/O: Jog Forward/Back Input  User Logic Input/Output  Single-Ended Analog Input (0 - 10 V)  User max. - 5 V , 100 mA  Trigger Input/Output |
| Motor kinematics | Microsteps division: 2048  Maximum speed: Up to 3000 RPM (200 Full Step Motor)  Motor Drive Voltage: 48V  Motor Drive Power: up to 50 W (peak) |
| Voltage | 85-264 VAC |
| Power | 200 W (Peak) |
| Fuse | 3.15 A |
| Housing Dimensions (W x D x H) | 240 mm x 360 mm x 133 mm |
| Motor Specifications | Peak Power : 15 to 50 W  Average Power: 25 W (Max)  Step Angle Range: 20° to 1.8°  Coil Resistance (Typical):4 - 15 Ω  Coil Inductance (Typical): 4 - 15 mH  Rated Phase Currents (Typical): 0.1 - 1 A |