**ORDER DESCRIPTION**

1. **The object of the contract**

The subject of the contract is a header to thermoelectric cooler in the amount of

* header TO8 – 12 pin – 300 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 6 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 of 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 |
| Header TO8-12 pin | Header type | TO8 |
| Number of the pins | 12 pin, including 1 ground pin (pin 11) |
| Header material | Kovar (alloy complying with ASTM F-15) |
| Metallization of the header | 1.Ni layer - metallization thickness 1.27-3.8 μm2. Au layer - metallization thickness> 1.27 μm |
| Pin material | Kovar (alloy complying with ASTM F-15) |
| Metallization of the pins | 1.Ni layer - metallization thickness 1.27-3.8 μm2. Au layer - metallization thickness> 1.27 μm |
| Mounting screw | Screw material - CRS (cold rolled steel)Bolt thread - 4-40 UNCScrew length - 6.4 ± 0.2 mmA screw is mounted to the bottom of the header |
| Header sealing | Electrically non-conductive, non-transparent, helium leakage of a sealing material less than 10-8 mbar \* l / s - e.g. Corning 7052 or equivalent |
| The internal length of the pins (from the mounting surface of the cooler) | 2,54±0,1 mm |
| Pin surface roughness | Ra 0.8 or better |
| The outer length of the pins (from the surface with the thread mounted) | 7,9±0,3 mm |
| Outer diameter of the header | Fi 15,24 ± 0.1mm |
| The diameter of the header's rim | Fi 13,4±0.1mm |

5.2 CPV

CPV - 31711100-4 Electronical elements