**Appendix 1**

**ORDER DESCRIPTION**

1. **Object of the contract**

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

* thermoelectric cooler 3TE on TO8- 16 header 25 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 – 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 8 weeks from the date of placing the order**

1. **Parameters**

**5.1 Detailed scope of the subject**

|  |  |  |  |
| --- | --- | --- | --- |
| Product name | | Parametrer | Specification |
| thermoelectric cooler 3TE on TO8- 16 header |  | Top Ceramics (cold side) | material Al2O3 blank, no metallization |
| Middle ceramics | Al2O3 with VIAS |
| bottom ceramics | Al2O3, Au plated 0,2 um |
| pellets | BiTe with Ni barrier layer |
| terminal wires AWG30 | Cu blank tinned copper 0,255 mm dia |
| Assembling Solder | Sn-Sb lead free RoHs Tmelt = 230°C |
| TEC bonding | Sn-Sb lead free RoHs Tmelt = 230°C |
| Header | TO816.01 |
| TEC mounting | lead free RoHs Tmelt = 206°C |
| Height | 6,6mm |
| ΔTmax K | 112 |
| Qmax W | 0,7 |
| Imax A  Umax V  ACR Ohm | 0,9  6,0  5,92 |