Attachment no 2  
[place], on ………..[•] year

|  |
| --- |
| Performer:  [Name / address /  court register number /  Tax number  Statistical number  / contact person / e-mail address / phone ] |

Employer: VIGO System Spółka Akcyjna with its registered office in Ożarów Mazowiecki, ul. Poznańska 129/133, 05-850 Ożarów Mazowiecki, entered into the Register of Entrepreneurs of the National Court Register kept by the District Court for the Capital City of Warsaw Warsaw in Warsaw, 14th Commercial Division of the National Court Register, under KRS number 0000113394, with Tax Identification Number (NIP): 5270207340, REGON: 010265179, with share capital of PLN 729,000.00 (fully paid up)

**OFFER FORM**

**FOR REQUEST FOR QUOTATION FROM THE DAY 20 April, 2021 NUMBER SDM-WG/21**

I, the undersigned **……………………** [•], acting as **……………………** [•] (hereinafter referred to as: "Contractor"), in response to the request for proposal of 20 April 2021 number SDM-WG/21 (hereinafter: "Offer Request"), hereby I submit an offer for thermoelectric coolers according to the description of the subject of the order (hereinafter referred to as the "Order") for the comprehensive implementation by VIGO System Spółka Akcyjna with headquarters in Ożarów Mazowiecki (hereinafter referred to as the "Ordering Party") of the project called "Sensors for industry 4.0 and IoT"; as part of the competition Path for Mazovia / 2019, application number: MAZOWSZE / 0090 / 19, the grant agreement of December 3, 2019, No. MAZOWSZE / 0090 / 19-00 concluded with the National Center for Research and Development.

**1. Offered price of the subject of the Order**

* 1. **Net price: …………………… [•] (in words: …………………… [•]).**
  2. **Gross price: …………………… [•] (in words: …………………… [•]).**
  3. **Value of VAT: …………………… [•] (in words: …………………… [•]).**

**The description of the offer constitutes an attachment to the offer.**

1. Compatibility table (to be completed in the free fields):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product name** | | **Parametrer** | **Specification** | **Yes/No** |
| Metalized thermoelectric cooler 4TE on TO8 header - 12 pin - 4MD04-116-1 | Cooler Parameters | Material of the ceramics | Al2O3 |  |
| Top ceramics (ceramic no 1) | Blank - no metalization applied to the outer surface of ceramics |  |
| Top intermediate ceramics (ceramic no 2) | Blank - no metalization applied to the outer surface of ceramics |  |
| Middle intermediate ceramics (ceramic no 3) | Metallization Au applied to the outer surface of ceramics according to the attached drawing |  |
| Bottom intermediate Ceramics (ceramic no 4) | Metallization Au applied to the outer surface of ceramics according to the attached drawing |  |
| Bottom ceramics (ceramic no 5) | Without metalization applied to the surface of the ceramic used for soldering the TEC to the header |  |
| TEC Assembling Solder | Sn-Sb lead free RoHs Tmelt = 230°C |  |
| Terminal wires | Non-insulated AWG-30 wires (one per electrical pad) |  |
| Dimensions of the topstage of the TEC | Not less than 2,5 x 2,5 mm |  |
| Dimensions of the bottomstageof the TEC | 7,4±0,1 mm x 7,4±0,1 mm |  |
| Height of the TEC | 6,9 mm ± 0,2mm |  |
| Height of a single stage of the cooler | 1,75±0,05 mm |  |
| ΔTmax K | 125 |  |
| Qmax W | 0,28 |  |
| Imax A  Umax V | 0,5±0,05 A  8,4±0,8 V |  |
|  | Header TO-8 12 pin parameters | Header type | TO8 |  |
| Number of electrical outputs | 12 pin, including 1 ground pin (pin 11) |  |
| Material of header | Kovar (alloy according to ASTM F-15) |  |
| Metallization of the header | 1.Ni layer - metallization thickness 1.27-3.8 μm  2. Au layer - metallization thickness> 1.27 μm |  |
| Pin material | Kovar (alloy according to ASTM F-15) |  |
| Metallization of the pins | 1.Ni layer - metallization thickness 1.27-3.8 μm  2. Au layer - metallization thickness> 1.27 μm |  |
| Mounting screw | Screw material - CRS (cold rolled steel)  Bolt thread - 4-40 UNC  Screw length - 6.4 ± 0.2 mm |  |
| Sealing of the header openings | 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 outer length of the pins (from the surface with the thread mounted) | 7,8±0,2 mm |  |
| The internal length of the pins ( from the mounting surface of the cooler) | 1,75±0,1 mm |  |
| Features of the set: cooler on the header | The method of mounting the TEC to the header | Soldering, RoHS lead-free solders, melting point >200C |  |
| The method of making electrical connections of the TEC | TEC terminal wires soldered to the pins of the header (pin 2 and 8)  RoHS lead-free solders with a melting point > 200C |  |
|  | Tolerance location of the cooler after assembly | The position error of the centre of the top stage of the TEC with respect to the axis defined by the centre of a header (defined in reference to a rant with a diameter of 13,4 mm) shall not exceed 200 μm |  |
| ACR (cooler mounted to a header, measurement under vacuum, 300K) | 14,9±1,5 Ω |  |

1. **Deadline for binding offers**

The period of being bound by this offer is 60 days from the deadline for submitting offers specified in the Request for Proposals.

1. **Contact person on the part of the Contractor**

**……………………** [•], telephone **……………………** [•],**……………………** e-mail [•].

1. **Contractors statements**
   1. **The Contractor declares that he has read the Inquiry, including in particular the terms of the Order performance contained in point 13 of the Inquiry, and does not raise any objections to it and has all the information necessary to prepare this offer and perform the Order.**
   2. The Contractor declares that:

a. Has the authority to perform specific activities or activities, if the law imposes an obligation to have them;

b. has the necessary knowledge, experience and technical and human potential to perform the Order;

c. is in an economic and financial situation ensuring the performance of the Order;

d. is not in arrears with taxes, fees and social security contributions.

* 1. If this offer is found to be the most advantageous, the Contractor undertakes to execute the order at the time and place resulting from the inquiry.
  2. The Contractor undertakes to perform the Order described in the Inquiry, in accordance with the requirements of the Inquiry, applicable regulations and due diligence.
  3. The Contractor declares that:
     1. the offered product complies with the specification specified in the description of the subject of the contract in each of the parameters listed therein,
     2. will deliver the product within the time limit specified in the request for proposal,
  4. **Documents constituting attachments to this offer constitute its integral part.**

**For the Contractor**:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Attachments:

1. Copy from the Contractor's National Court Register / Copy from the Contractor's CEIDG / other registration document or other the official registered document indicating management bodies appropriate for the Contractor – according to the requirements of Inquiry ;
2. Power of attorney (if the offer is submitted by a proxy)
3. description of submitted bids