**ORDER DESCRIPTION – FIRST PART OF ORDER**

1. **Object of the contract**

The subject of the order is the supply of semiconductors wafers listed below by name and quantity needed:

1. GaAs N-type 2” 100 pieces

2. GaAs N-type 3” 100 pieces

3. GaAs N-type 100 mm 100 pieces

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. The total price for the products specified in point 1 should include the total cost along with the packaging and delivery to the headquarters of the Employer.

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 |
| Price (P) | 100 | S x Pmin/Pi |

Where:

* Pi – price of goods with delivery - for the given offer
* Pmin - the minimum delivery 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**

Up to 8 weeks from the date of order.

1. **Parameters**

|  |  |  |  |
| --- | --- | --- | --- |
| Product name | | Parametrer | Specification |
| **GaAs N-type** | Diameter 2”  Thickness: 350±25 µm  Diameter: 50.8±0.4 mm | Grade: | Prime, Epi-ready |
| Orientation: | (100)±0.1o |
| Primary Flat: | EJ (0-1-1) ±0.5o |
| Secondary Flat | EJ (0-11) ±0.5o |
| Carrier Conc.: | 1-4E18/cm3 |
| Diameter 3”  Thickness: 625±25 µm  Diameter: 76.2±0.4 mm | Mobility: | min 1000 cm2/Vs |
| EPD (Average): | 1,000/cm2 max |
| TTV: | 10 micr. max |
| TIR: | 10 micr. max |
| Bow: | 8 micr. max |
| Diameter 100mm  Thickness: 625±25 µm  Diameter: 100±0.4 mm | Warp: | 8 micr. max |
| Surface Finish: | SSP (single side polished)  Side 1: Polished  Side 2: Etched |
| Packaging: | ePAK, individual box, sealed with N2 in a moisture-stopping metallic foil bag, done in  class 100 clean room. |