**ORDER DESCRIPTION**

1. **Subject of the order**

The subject of the order is a supply of small mechanical parts, according to the name and quantity indicated below:

* Optical table with M6 threaded holes – 2 pcs.
* Optical table with M6 threaded holes – 2 pcs.
* Construction bar with a diameter of 6 mm and a length of 1/2 " – 12 pcs.
* Construction bar with a diameter of 6 mm and a length of 1 " – 12 pcs.
* Construction bar with a diameter of 6 mm and a length of 2 " – 20 pcs.
* Construction bar with a diameter of 6 mm and a length of 6 " – 16 pcs.
* Pedestal for mounting posts with a diameter of 1/2" and height of 40mm – 10 pcs.
* Pedestal for mounting posts with a diameter of 1/2" and height of 75mm – 10 pcs.
* Optics mounting post with a height of 50mm – 10 pcs.
* Optics mounting post with a height of 75mm – 10 pcs.
* Optics mounting post with a height of 100mm – 5 pcs.
* Optics mounting post with a height of 150mm – 5 pcs.
* A set of optical tables with the possibility of shifting by 25 mm in XYZ axes using micrometric screws – 2 pcs.
* A step enabling an adjustable shift in the XY plane with mounting holes distributed on a square plan with a 30mm arm – 2 pcs.
* Optical beam shutter with a diameter of ½″ – 2 pcs.
* Solenoid controller – 2 pcs.
* Power supply unit for a controller – 2 pcs.
* Cage plate adapter – 2 pcs.
* TEC Driver – 2 pcs.
* Motorized Rotation Mount – 1 pc.
* IR absorber – 1 pc.

1. **Detailed scope of the subject of the contract**

**2.1 Parameters**

|  |  |  |
| --- | --- | --- |
| Product name | Parameter | Specification |
| Optical table with M6 threaded holes | * length * width * thickness * grid-based openings grid * thread in holes * length * key type | * 900mm * 600mm * 12.7mm * 25mm * M6 * 1/2″ * Allen |
| Optical table with M6 threaded holes | * length * width * thickness * grid-based openings grid * thread in holes * length * key type | * 450mm * 600mm * 12.7mm * 25mm * M6 * 1/2″ * Allen |
| construction bar with a diameter of 6 mm and a length of 1/2 " | * bar diameter * bar length * tapped holes at the ends of the bars | * 6mm * ½" * 4-40 |
| construction bar with a diameter of 6 mm and a length of 1 " | * bar diameter * bar lenght * tapped holes at the ends of the bars | * 6mm * 1" * 4-40 |
| construction bar with a diameter of 6 mm and a length of 2 " | * bar diameter * bar lenght * tapped holes at the ends of the bars | * 6mm * 2" * 4-40 |
| construction bar with a diameter of 6 mm and a length of 6 " | * bar diameter * bar lenght * tapped holes at the ends of the bars | * 6mm * 6" * 4-40 |
| Pedestal for mounting posts with a diameter of 1/2 " | * Thread of the mounting bolt to the ground * Height * Compatible with 1/2" diameter posts | * M6 * 40 mm |
| Pedestal for mounting posts with a diameter of 1/2 " | * Thread of the mounting bolt to the ground * Height * Compatible with 1/2" diameter posts | * M6 * 75 mm |
| Optics mounting post | * Lower screw thread * Top screw thread * Height | * M6 * M4 * 50 mm |
| Optics mounting post | * Lower screw thread * Top screw thread * Height | * M6 * M4 * 75 mm |
| Optics mounting post | * Lower screw thread * Top screw thread * Height | * M6 * M4 * 100 mm |
| Optics mounting post | * Lower screw thread * Top screw thread * Height | * M6 * M4 * 150 mm |
| A set of optical tables with the possibility of shifting by 25 mm in XYZ axes using micrometric screws | * mounting holes with thread * scale on the micrometer screw | * M6 * in metric units |
| A step enabling an adjustable shift in the XY plane with mounting holes distributed on a square plan with a 30 mm arm | * thread in mounting holes - 4-40 * adjustment range * grid for the arrangement of mounting holes | * 4-40 * > 5mm * square with 30mm arm |
| Optical beam shutter with a diameter of ½″ | * diameter | * ∅1/2″ |
| Solenoid controller |  |  |
| Power supply unit for a controller |  |  |
| Cage plate adapter |  |  |
| TEC Driver |  |  |
| Motorized Rotation Mount |  |  |
| IR absorber |  |  |