**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 |  |  |