

Odběratel: **FYZIKÁLNÍ ÚSTAV AV ČR, v.v.i.****Na Slovance 2
182 21 PRAHA 8
Česká republika**

PID:

Smlouva: **S17/164E**

Číslo účtu:

Peněžní ústav:

DIČ: **CZ68378271**
IČ: **68378271**

Dodavatel:

IČ: **46348395** DIČ: **CZ46348395****MIT, spol. s r.o.
Lasery, fotonika a jemná mechanika
Klánova 56
147 00 PRAHA 4
Česká republika****020901 Sekce 9 - nákladové středisko****Ing. Rabasová Tereza**Tel.: , Fax: , E-mail: tereza.rabasova@eli-beams.euPlatnost objednávky do: **31.12.2017**Termín dodání: **04.12.2017**Forma úhrady: **Příkazem**Termín úhrady: **21dní**Místo dodání : **Fyzikální ústav AV ČR, v. v. i. - ELI Beamlines - sklad,
Průmyslová 836, 25241 Dolní Břežany**

Způsob dopravy :

Dodací podmínky : **DAP Praha****!!!! Při fakturaci vždy uvádějte číslo objednávky !!!!****Žádáme Vás o potvrzení objednávky.**

Na faktuře musí být uvedeno číslo objednávky, číslo projektu CZ.02.1.01/0.0/0.0/15_008/0000162 a název projektu ELI - EXTREME LIGHT INFRASTRUCTURE - fáze 2.

Položkový rozpis:

Nedílnou součástí této objednávky je příloha obsahující řádky.**Předpokládaná cena celkem (včetně DPH):****342 012.60 Kč****Datum vystavení:** 01.11.2017**Vystavil:**

Ing. Rabasová Tereza

E-mail: tereza.rabasova@eli-beams.eu-----
Razítko, podpis

Položka	Množství	MJ	Cena/MJ vč. DPH	Celkem s DPH
Substrate fused silica. Diameter=1", Diameter tolerance +0.0 mm / -0.1 mm. Thickness 6 mm, Thickness tolerance ?0.2 mm. Surface flatness ?/10. Protected silver coating. Clear aperture > 90% of diameter. Surface quality 40-20 scratch-Dig. Parallelism <3 a	10.00	ks	915.00	9 150.00 Kč
Substrate fused silica. Diameter=2", Diameter tolerance +0.0 mm / -0.1 mm. Thickness 12 mm, Thickness tolerance ?0.2 mm. Surface flatness ?/10. Protected silver coating. Clear aperture > 90% of diameter. Surface quality 40-20 scratch-Dig. Parallelism <3 arcmin. Damage threshold 3 J/cm ² @ 1064 nm, 10 ns, 10 Hz, ?1.000 mm. Avg. reflectance >97.5% for 450 nm - 2 ?m. Wavelength range 450 nm - 2 ?m.	5.00	ks	2 475.00	12 375.00 Kč
OD=0.1; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec, AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=0.3; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec, AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=0.5; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec, AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=1; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec; AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=2; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec; AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=3; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec; AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=4; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec; AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=5; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec; AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
OD=6; Diameter: 25.0 mm; Diameter Tolerance: +0.5 / -0.25 mm; Clear Aperture: >90% Outer Diameter; Ravg (350 - 700 nm): <0.5%; Surface Flatness (@ 633 nm): ?/4; Surface Quality: 40-20 Scratch-Dig; Parallelism: 10 arcsec; AR-Coated Neutral Density Filter, 650-1050 nm.	1.00	ks	1 143.00	1 143.00 Kč
Optic Size: ?2"; Optic Thickness (Min): 0.14" (3.5 mm); Number of Adjusters: 2; Adjuster Drive: 5/64? Hex; Adjuster Pitch: TP1100; Actuator Matching Matched Actuator/Body Pairs; Resolution: 5 mrad/rev; Mechanical Angular Range (Nominal): ?3.4°; Beam Deviation After Thermal Cycling (12.5°C): <2 ?rad; Mounting: M4; Vacuum Compatibility: 1.3*1E-5 mbar at 25 °C with Proper Bake Out; Operating Temperature Range: -30 to 200°.	2.00	ks	6 072.00	12 144.00 Kč
Wavelength 635 nm, Output Power >1 mW, Collimated, round beam profile, including holder/adapter for 1" mirror mount and power supply.	1.00	ks	2 781.00	2 781.00 Kč
Wavelength 808 nm, Output Power >2.3 mW, Collimated, elliptical beam profile, including holder/adapter for 1" mirror mount and power supply.	1.00	ks	4 802.00	4 802.00 Kč
Table Clamp, Tight Space Applications, 35 mm +- 0.5mm long, 10 mm +-0.5 mm height.	5.00	ks	151.00	755.00 Kč
Studded Pedestal Base adapters, ?31.8 mm, M6 Thread.	25.00	ks	230.00	5 750.00 Kč
Short Clamping Fork, 31.5 mm (for 1/2" post holders) Counterbored Slot, M6, stainless steel.	10.00	ks	211.00	2 110.00 Kč
Long Clamping Fork, 44.8 mm (for 1" post holders) Counterbored Slot, M6, stainless steel.	10.00	ks	238.00	2 380.00 Kč

Položka	Množství	MJ	Cena/MJ vč. DPH	Celkem s DPH
Posts and Accessories kit including a set of 108 pieces post and accessories of various sizes. Metric. Removable 8-32 (M4) Threaded Stud on the Other End - 10pc; 6" (150 mm) Long Stainless Steel Post, ?0.499", 1/4"-20 (M6) Tapped Hole on One End, Removable 8-32 (M4) Threaded Stud on the Other End - 10pc; 8" (200 mm) Long Stainless Steel Post, ?0.499", 1/4"-20 (M6) Tapped Hole on One End, Removable 8-32 (M4) Threaded Stud on Other End - 10pc; Slip-On Post Collar for ?1/2" Posts - 10pc; Small V-Clamp, One PM3 Included - 2pc; Large V-Clamp, One PM3 Included - 2pc; Swivel Post Clamp, 360° Continuously Adjustable - 3pc; Right Angle Post Clamp, Fixed 90° Adapter - 10pc; Extra VC1 Clamping Arm - 2pc; Extra VC3 Clamping Arm - 4pc; Small Right Angle Bracket - 5pc.	1.00	ks	26 329.00	26 329.00 Kč
Bases and Post Holders kit including a set of about 100 pieces of various sizes. Metric. Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 25 mm; ?12.7 mm; 10pc Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 40 mm; ?12.7 mm; 10pc Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 50 mm; ?12.7 mm ; 10pc Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 75 mm; ?12.7 mm; 10pc Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 100 mm; ?12.7 mm; 5pc Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 150 mm; ?12.7 mm; 5pc L-Shape General Purpose Table Clamp; 20pc Mounting Base: 25 mm x 75 mm x 10 mm; 10pc Mounting Base: 25 mm x 58 mm x 10 mm; 10pc Mounting Base: 50 mm x 75 mm x 10 mm; 10pc 9 Drawer Stackable Cabinet; 1pc.	1.00	ks	19 059.00	19 059.00 Kč
Aluminum Breadboard, 100 mm x 300 mm x 12.7 mm, M6 Taps.	1.00	ks	1 393.00	1 393.00 Kč
Aluminum Breadboard, 300 mm x 300 mm x 12.7 mm, M6 Taps.	1.00	ks	3 192.00	3 192.00 Kč
Position-Maintaining Post Collar for ?1/2" Posts and Post Holders, Maintain the established height and rotational orientation of a ?1/2" Post and Post Holder, ?0.5° Angular Repeatability.	5.00	ks	632.00	3 160.00 Kč
Right Handed 45° Angle Clamp for ?1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together).	4.00	ks	294.00	1 176.00 Kč
Lef Handed 45° Angle Clamp for ?1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together).	4.00	ks	294.00	1 176.00 Kč
90° Angle Clamp for ?1/2" Posts, 5 mm Hex, M6 Stud (lockable clamp for mounting two posts together perpendicular in one plane).	5.00	ks	260.00	1 300.00 Kč
90° Angle Clamp for ?1/2" and 25 mm Posts, 5 mm Hex (lockable clamp for mounting two posts ?1/2" and 25 mm together perpendicular).	2.00	ks	645.00	1 290.00 Kč
Centered Mounting Post Joist, M4 counterbored slots, centered M4 counterbore for post mounting.	2.00	ks	417.00	834.00 Kč
Offset Mounting Post Joist, M4 Mounting Hardware, Two M4 counterbored slots with opposite orientations, one for post mounting and one for mounting optomechanical components, Allows an optic to be offset by 10.16 mm - 68.58 mm from the post center.	2.00	ks	392.00	784.00 Kč
Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads.	10.00	ks	104.00	1 040.00 Kč
Post Mounting Clamp for ?25 mm Post, 50.8 mm x 50.8 mm Mounting Plate, M6 Tapped Holes (Qty. 24), M4 Tapped Holes (Qty. 25).	1.00	ks	1 899.00	1 899.00 Kč
Quick Release Handle for ?25.0 mm or ?1.5" Post Clamps, M6 Clampin Screw with handle.	1.00	ks	241.00	241.00 Kč
Complete 50 mm x 50 mm Kinematic Base, Magnetically Coupled Top and Bottom Plate, 30 ?rad Angular Repeatability, 30 ?m Lateral Repeatability, M6 Mounting, M6 and M4 Tapped Holes.	2.00	ks	2 022.00	4 044.00 Kč
Right-Angle Bracket with M6 Counterbored Slots and M6 Tapped Holes on Each Side.	5.00	ks	651.00	3 255.00 Kč
Slim Right-Angle Bracket with M6 Counterbored & M6 Tapped Holes.	5.00	ks	651.00	3 255.00 Kč
Slim Right-Angle Bracket with M6 Counterbored Slot on one side& M6 Tapped Holes on other side.	4.00	ks	651.00	2 604.00 Kč
Right-Angle Mounting Plate, M6 x 1.0 Compatible, M6 clearance slots, M6 tapped holes, Parallel and Perpendicular to Within 0.05 mm.	1.00	ks	1 974.00	1 974.00 Kč
Lever-Actuated Iris Diaphragm (?0.7 ? 78 mm) ,Black Spring Steel Leaves, mounted on a ?12.7 mm post, metric.	1.00	ks	1 164.00	1 164.00 Kč
Lever-Actuated Iris Diaphragm, zero min. aperture (?0 - ?25 mm) , Black Spring Steel Leaves, mounted on a ?12.7 mm post, metric.	1.00	ks	1 736.00	1 736.00 Kč
Lever-Actuated Iris Diaphragm (?1 - ?25 mm) , Black Spring Steel Leaves, mounted on a ?12.7 mm post, metric.	2.00	ks	1 395.00	2 790.00 Kč

Položka	Množství	MJ	Cena/MJ vč. DPH	Celkem s DPH
Lever-Actuated Iris Diaphragm (2 - 250 mm) , Black Spring Steel Leaves, mounted on a 12.7 mm post, metric.	1.00	ks	2 968.00	2 968.00 Kč
12.7 mm XYZ Translation Stage with Standard Micrometers, M6 Taps, Resolution: 500 μm Translation per Revolution.	1.00	ks	20 543.00	20 543.00 Kč
25 mm Dovetail Translation Stage, M6 Taps, Angular Deviation: 150 μrad, Straightness: Horizontal: 10.00 μm, Vertical: 25.00 μm, Stiffness: Pitch: 200.00 μrad / Nμm, Yaw: 725.00 μrad / Nμm, Load Capacity: 44 kg (Horizontal), 10 kg (Vertical).	3.00	ks	4 547.00	13 641.00 Kč
360° Rotation Platform, Micrometer Driven, 2.4 arcmin Resolution per Division, M6 and M4 Taps, SM1-Threaded Center Hole Accepts 1" (25.4 mm) Optics up to 17 mm Thick.	2.00	ks	7 486.00	14 972.00 Kč
Kinematic Mirror Mount for 1" Optics, Angular Range: 74°, Resolution: 8 mrad (0.5°) per rev via, Two Counterbored M4 Through Holes Allow for Left- or Right-Handed Orientation.	4.00	ks	731.00	2 924.00 Kč
Kinematic Mirror Mount for 2" Optics, Angular Range: 73°, Resolution: 5 mrad (0.3°) per rev via, Six Counterbored M4 Through Holes Allow for Left- or Right-Handed Orientation.	4.00	ks	3 240.00	12 960.00 Kč
Fixed 25 mm Optical Mount, Post Mountable via M4 Tapped Hole, Minimum Optic Thickness 3.73 mm.	5.00	ks	345.00	1 725.00 Kč
Fixed 25.8 mm Optical Mount, Post Mountable via M4 Tapped Hole, Minimum Optic Thickness 5.76 mm.	5.00	ks	609.00	3 045.00 Kč
Kinematic Mirror Mount for 1" Optics, Angular Range: 73°, Resolution: 5 mrad (0.5°) per rev via, one edge of held mirror is let free.	5.00	ks	812.00	4 060.00 Kč
Kinematic Mirror Mount for 2" Optics, Angular Range: 73°, Resolution: 5 mrad (0.5°) per rev via, one edge of held mirror is let free.	2.00	ks	4 004.00	8 008.00 Kč
Mount for 1" Filters and Optics, threaded inside (SM1), allow optics to be easily inserted or removed from the beampath by flipping. Detent mechanism with holding force at the 0° and 90° positions, allow the mount to be locked at any angle. angular repeatability <25° rad.	3.00	ks	2 028.00	6 084.00 Kč
Kinematic rotation mount with kinematic angular adjustment and rotation in one mount, 1/4"-80 lockable adjusters for 74° of angular adjustment, engraved rotation scale with 2° graduations, 360° rotation, SM1-Threaded Rotation Ring with Locking Screw.	1.00	ks	5 977.00	5 977.00 Kč
Dual-Axis Goniometer GNL20/M, 25.4 mm Distance to Point of Rotation, Metric, Range: 75° / 710°, Accuracy: 10 arcmin, Removable mounting plate, Top Mounting Platform 38.1 mm x 38.1 mm, M4 Mounting Holes.	1.00	ks	12 987.00	12 987.00 Kč
Large Goniometer, 25.4 mm Distance to Point of Rotation, Range: 710°, Metric, Accuracy: 10 arcmin, Removable mounting plate, Top Mounting Platform 38.1 mm x 38.1 mm, M4 Mounting Holes.	1.00	ks	6 398.00	6 398.00 Kč
12.7 mm Optical Post, M4 Setscrew, M6 Tap, L = 51-57 mm, Bottom-Located M6 Tapped Hole and Top-Located M4 Removable Setscrew, Stainless Steel, allowing >6 mm of height adjustment, lockable, non-rotating tip.	2.00	ks	2 253.00	4 506.00 Kč
12.7 mm Optical Post, M4 Setscrew, M6 Tap, L = 75 mm, Bottom-Located M6 Tapped Hole and Top-Located M4 Removable Setscrew, Stainless Steel, with engraved vertical scale (metric).	4.00	ks	354.00	1 416.00 Kč
Kinematic Mirror Mounts for 2" optics, the optic is inserted from the rear side, Three-Point Contact Plate Secures Optic, Hardened Stainless Steel Ball Contacts with Sapphire Seats for Durability, parts made from stainless steel with matched coefficients of thermal expansion, 2 manual 100TPI adjusters, Vacuum compatibility: 1.3*1E-5 mbar.	2.00	ks	7 106.00	14 212.00 Kč
DPH	1.00	ks	59 357.60	59 357.60 Kč

Celkem:**342 012.60 Kč**

Konec přílohy k objednávce č.: 0017911660