

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



DIČ: **CZ68378271**
 IČ: **68378271**

PID:
 Smlouva: **S17/164E**

Číslo účtu:
 Peněžní ústav:

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

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Platnost 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):

522 645.00 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
Optic Size: ?2"; Optic Thickness (Min): 0.14" (3.5 mm); Number of Adjusters: 2; Adjuster Drive: 5/64? Hex; Adjuster Pitch: TPI100; 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
Optic Diameter: ?3?; Minimum Optic Thickness: 0.28?; Optical Axis Height: 2.13?; Angular Adjustment: +_4deg; Number of Adjusters: 2; Type of Adjusters: removable knobs; Adjuster Thread: ??-80; Resolution: 5.0 mrad/rev; Clear Aperture: 2.82?; Mounting: 4x M4 counterbored; Material: Anodized Aluminium.	3.00	ks	4 683.00	14 049.00 Kč
HeNe Laser, 632.8 nm, Output power >20 mW, Polarized, 230 VAC Power Supply Included, TEM00 >95%, 1/e ² Beam Diameter: 0.7 mm; Divergence: < 2 mrad (full beam), Polarization Ratio 500:1; Holder includet -2x Post V clamp with 1.5" Dynamically Damped Post, 14" Long, Metric.	1.00	ks	64 990.00	64 990.00 Kč
Laser beam expander system 25x must fit with HeNe red laser (see line above), spatial filtering included.	1.00	ks	37 093.00	37 093.00 Kč
Wavelength 405 nm, Output Power >4 mW, Collimated, elliptical beam profile, including holder/adapter for 1" mirror mount and power supply.	1.00	ks	5 238.00	5 238.00 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
Single mode fiber laser diode mudule @830 nm +-10nm, TEM 00, M2<1.2 + Large Fiber Collimator, - Diffraction Limited, Clean Gaussian beam, divergence, <0.05mrad, wavefront error <1/10 wave, Output aperture 35-45 mm.	1.00	ks	43 764.00	43 764.00 Kč
Heavy-Duty Variable Height Clamp, M6 Tapped, 76 mm +- 0.5mm long, 15.5 mm +-0.5 mm height.	3.00	ks	170.00	510.00 Kč
Compact Variable Height Clamp, M6 Tapped, 51 mm +- 0.5mm long, 9 mm +-0.5 mm height.	3.00	ks	125.00	375.00 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.	15.00	ks	211.00	3 165.00 Kč
Long Clamping Fork, 44.8 mm (for 1" post holders) Counterbored Slot, M6, stainless steel.	15.00	ks	238.00	3 570.00 Kč
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

Položka	Množství	MJ	Cena/MJ vč. DPH	Celkem s DPH
Circular, Continuously Variable, Reflective Neutral Density Filter for attenuation via rotation, diameter 50mm, Optical density range 0-4, Optical Density Tolerance ?5% (At Both Extremes) , mounted (on rotation axis attached to 1/2 inch post), Spectral Range 240 - 1200 nm (uncoated).	1.00	ks	9 652.00	9 652.00 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
Right Handed 45° Angle Clamp for ?1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together).	5.00	ks	294.00	1 470.00 Kč
Lef Handed 45° Angle Clamp for ?1/2" Posts, 5 mm Hex (lockable clamp for mounting two posts together).	5.00	ks	294.00	1 470.00 Kč
90° Angle Clamp for ?1/2" Posts, 5 mm Hex, M6 Stud (lockable clamp for mounting two posts together perpendiculary 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 perpendiculary).	2.00	ks	645.00	1 290.00 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
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=12,5 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	430.00	1 290.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L= 19 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	444.00	1 332.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=25 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	468.00	1 404.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=38 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	531.00	1 593.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=50 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	545.00	1 635.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=75 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	594.00	1 782.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=100 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	659.00	1 977.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=150 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	749.00	2 247.00 Kč
pillar post extension (?25 mm) Solid Nonmagnetic Stainless Steel Construction tapped on both ends with a M6 tapped hole. Posts can be either directly threaded into the optical table or secured in ?1" post mounts), diameter 25 mm, metric, L=300 mm, Dual Threaded Adapter with Internal M4 x 0.7 Threads and External M6 x 1.0 Threads included.	3.00	ks	1 382.00	4 146.00 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
Lever-Actuated Iris Diaphragm (?0.7 ? ?8 mm) ,Black Spring Steel Leaves, mounted on a ?12.7 mm post, metric.	2.00	ks	1 164.00	2 328.00 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

Položka	Množství	MJ	Cena/MJ vč. DPH	Celkem s DPH
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
Lever-Actuated Iris Diaphragm (?2 - ?50 mm) , Black Spring Steel Leaves, mounted on a ?12.7 mm post, metric.	2.00	ks	2 968.00	5 936.00 Kč
25 mm Dovetail Translation Stage, M6 Taps, Angular Deviation: ?150 ?rad, Straightness: Horizontal: ?10.00 ?m, Vertical: ?5.00 ?m, Stiffness: Pitch: 200.00 ?rad / N?m, Yaw: 725.00 ?rad / N?m, 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
Filter Holder, Stackable (Mounting Several Filter Holders Together), Maximum Filter Thickness: 2 mm, M4 Tapped Hole.	3.00	ks	479.00	1 437.00 Kč
Dual Filter Holder, Stackable (Mounting Several Filter Holders Together), Maximum Filter Thickness: 1,5 mm, M4 Tapped Hole.	1.00	ks	694.00	694.00 Kč
Kinematic Mirror Mount for ?1" Optics, Angular Range: ?4°, 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: ?3°, Resolution: 5 mrad (0.3°) per rev via, Six Counterbored M4 Through Holes Allow for Left- or Right-Handed Orientation.	5.00	ks	3 240.00	16 200.00 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 ?50.8 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: ?3°, 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: ?3°, 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 ?4° 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
2x2? rectangular absorptive near IR ND filter kit, Box with 10 unmounted ND Filters, wavelength range 800 - 2700 nm, included OD for 1550 nm approx.:0.1, 0.15, 0.3, 0.5, 0.6, 1.0, 2.0, 3.0, 4.0, 5, including box.	1.00	ks	21 043.00	21 043.00 Kč
Post Holder with Hex Locking Thumbscrew, L= 20 mm, wide relief cut that provides two lines of contact for highly stable post mountin Vacuum compatibility: 1.3*1E-6 mbar.	2.00	ks	742.00	1 484.00 Kč
Post Holder with Hex Locking Thumbscrew, L= 30 mm, wide relief cut that provides two lines of contact for highly stable post mountin Vacuum compatibility: 1.3*1E-6 mbar.	2.00	ks	749.00	1 498.00 Kč
Post Holder with Hex Locking Thumbscrew, L= 40 mm, wide relief cut that provides two lines of contact for highly stable post mounting, Vacuum compatibility: 1.3*1E-6 mbar.	2.00	ks	776.00	1 552.00 Kč
Post Holder with Hex Locking Thumbscrew, L= 50 mm, wide relief cut that provides two lines of contact for highly stable post mounting, Vacuum compatibility: 1.3*1E-6 mbar.	2.00	ks	790.00	1 580.00 Kč
Post Holder with Hex Locking Thumbscrew, L= 75 mm, wide relief cut that provides two lines of contact for highly stable post mounting, Vacuum compatibility: 1.3*1E-6 mbar.	2.00	ks	858.00	1 716.00 Kč
Mounting Base, 25 mm x 75 mm x 10 mm, Vacuum compatibility: 1.3*1E-6 mbar.	4.00	ks	310.00	1 240.00 Kč
Mounting Base, 25 mm x 58 mm x 10 mm, Vacuum compatibility: 1.3*1E-6 mbar.	4.00	ks	310.00	1 240.00 Kč
Mounting Base, 50 mm x 75 mm x 10 mm, Vacuum compatibility: 1.3*1E-6 mbar.	2.00	ks	436.00	872.00 Kč
DPH	1.00	ks	90 707.00	90 707.00 Kč

Celkem:**522 645.00 Kč**

Žádáme Vás o zaslání daňových dokladů v elektronické podobě (skeny) na adresu efaktury@fzu.cz. O doručení dokladů obdržíte potvrzující e-mail. Objednávku nad 50 000 Kč uveřejníme v souladu se zákonem č. 340/2015 Sb., o zvláštních podmínkách účinnosti některých smluv, uveřejňování těchto smluv a o registru smluv, v platném znění.

Konec přílohy k objednávce č.: 0017920324

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