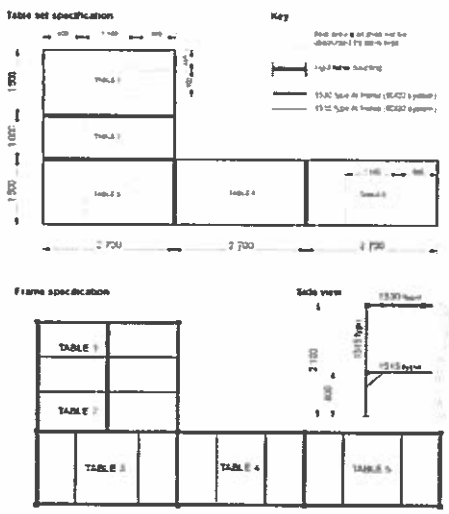
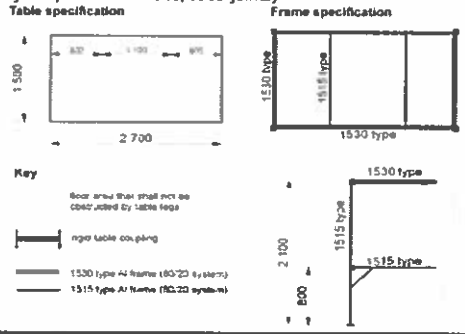
Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Pedestal system	Periscope KIT	4	Pedestal Periscope KIT, length = 270mm, post diameter 31.8mm, with support of 2" kinematic mirror mount, vacuum compatible			inspection upon delivery
	Optical base	30	dim. 25 mm x 58 mm x 10 mm, 1 slot, 1 mounting counterbored hole M6			inspection upon delivery
		30	dim. 25 mm x 75 mm x 10 mm, 2 slots, 1 mounting counterbored hole M6			
		30	dim. 50 mm x 75 mm x 10 mm, 2 slots, 3 mounting counterbored hole M6 aligned with slots			
		30	dim. 51 mm x 76 mm x 10 mm, 2 rotary slots with 70° range, 3 mounting counterbored hole M6 in the middle aligned with slots			
		30	dim. 25 mm x 58 mm x 10 mm, 1 slot, 1 mounting counterbored hole M6, Vacuum compatible			
		30	dim. 25 mm x 75 mm x 10 mm, 2 slots, 1 mounting counterbored hole M6, Vacuum compatible			
		30	dim. 50 mm x 75 mm x 10 mm, 2 slots, 3 mounting counterbored holes M6 aligned with slots, Vacuum compatible			
		30	dim. 100 mm x 50 mm x 10 mm, 2 slots, 3 mounting counterbored holes M6 aligned with slots and 16 M6 threads sorted in grid, Vacuum compatible			
		40	dim. 75 mm x 75 mm x 10 mm, 2 slots, 3 mounting counterbored holes M6 aligned with slots and 8 M6 threads sorted in grid, Vacuum compatible			
		10	dim. 120 mm x 150mm x 10 mm, 2 slots, 6 mounting counterbored holes M6 aligned with slots and 16 M6 threads sorted in grid, Vacuum compatible			
		10	dim. 250 mm x 100mm x 10 mm, 2 slots, 6 mounting counterbored holes M6 aligned with slots and 24 M6 threads sorted in grid, Vacuum compatible			
		2	dim. 400 mm x 100 mm x 20 mm, 12 mounting counterbored holes M6 aligned into cross and 32 M6 threads sorted in grid, Vacuum compatible			
		2	dim. 500 mm x 100 mm x 20 mm, 12 mounting counterbored holes M6 aligned into cross and 32 M6 threads sorted in grid, Vacuum compatible			
		5	Angle bracket 90° , dim. 150 mm x 150 mm x 150 mm, each surface 16 holes M6 centred into the grid, vacuum compatible			
		5	V-block with clamping arm, length = 127mm, counterbored M6 holes			
	Optical table	1	Stainless steel optical table with air vibration-isolation support, size of the breadboard 1500 mm width x 3500 mm length x 300 mm thickness, static deflection max. 1x10-5 mm/N, dynamic deflection above 100Hz max. 1x10-4 mm/N nominal height of tabletop above floor level 1000mm Rectangular grid with 25mm distance between axes, tapped M6 holes, sealed Thickness of top and bottom surface plates 5 mm. Table top flatness over any area of 1m2 with max deviation ±0,15mm. Permitted load 200kg/m2. Table must fulfil criteria for cleanroom class ISO7. Air supply input connection set containing 10m flexible pipe with quick-acting coupling DN 7.2 :			inspection upon delivery, technical description and verification supplied by manufacturer

Section	Name	Pieces	Requested description	Offerad description	Offer comply with requirements	Verification
Pedestal system	Optical table	3	Stainless steel optical table with passive air vibration-isolation support, size of the breadboard 1500 mm width x 2500 mm length x 300 mm thickness, static deflection max. 1x10-5 mm/N, dynamic deflection above 100Hz max. 1x10-4 mm/N nominal height of tabletop above floor level 1000mm Rectangular grid with 25mm distance between axes, tapped M6 holes, sealed Thickness of top and bottom surface plates 5 mm. Table top flatness over any area of 1m2 with max deviation ±0,15mm. Permitted load 200kg/m2. Table must fulfil criteria for cleanroom class ISO7. Air supply input connection set containing 10m flexible pipe with quick-acting coupling DN 7.2			inspection upon delivery, technical description and verification supplied by manufacturer
		5	Stainless steel optical table with air vibration-isolation support, size of the breadboard 1200 mm width x 2500 mm length x 300 mm thickness, static deflection max. 1x10-5 mm/N, dynamic deflection above 100Hz max. 1x10-4 mm/N nominal height of tabletop above floor level 1000mm Rectangular grid with 25mm distance between axes, tapped M6 holes, sealed Thickness of top and bottom surface plates 5 mm. Table top flatness over any area of 1m2 with max deviation ±0,15mm. Permitted load 200kg/m2. Table must fulfil criteria for cleanroom class ISO7. Air supply input connection set containing 10m flexible pipe with quick-acting			
		1	Set of rigidly joined stainless steel optical tables with internal tuned vibration dampers, consisting of 4 tables of size 1500 mm x 2700 mm and 1 table of size 1000 mm x 2700 mm, dimensions according to layout in Fig. 1, minimum tabletop thickness 300 mm, rigid support structure without active or passive vibration isolation, static deflection max. 1x10-5 mm/N, dynamic deflection above 100Hz max. 1x10-4 mm/N nominal height of tabletop above floor level 900mm Rectangular grid with 25mm distance between axes, tapped M6 holes, sealed Thickness of top and bottom surface plates equal or higher than 4.5 mm. Table top flatness over any area of 1m2 with max deviation ±0,15mm. Permitted load 200kg/m2. Table must fulfil criteria for cleanroom class ISO7, minimal distance between legs 600mm. Tables delivered separately and assembled at the ELI E1 hall by supplier. The optical table set equipped with floor-supported, anodized aluminium 80/20 frame system of structure and dimensions according to Fig.1, "15 series" profiles single (type 1515) or double (type 1530) type. Total height of frame 2100mm. Frame equipped with with levelling feet (load capacity >500kg),90° joining plates (7-hole for 1515/1530 joints, 5-hole for 1515/1515 joints)			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Pedestal system	Optical table		Fig.1. 			inspection upon delivery, technical description and verification supplied by manufacturer

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Pedestal system	Optical table	1	Stainless steel optical table with internal tuned vibration dampers, size of the breadboard 1000 mm x 2700 mm, dimensions according to layout in Fig. 2, minimum tabletop thickness 300 mm, rigid support structure without active or passive vibration isolation, static deflection max. 1x10-5 mm/N, dynamic deflection above 100Hz max. 1x10-4 mm/N nominal height of tabletop above floor level 900mm Rectangular grid with 25mm distance between axes, tapped M6 holes, sealed Thickness of top and bottom surface plates equal or higher than 4.5 mm. Table top flatness over any area of 1m2 with max deviation ±0,15mm. Permitted load 200kg/m2. Table must fulfil criteria for cleanroom class ISO7, minimal distance between legs 600mm. The optical table equipped with floor-supported, anodized aluminium 80/20 frame system of structure and dimensions according to Fig.2, "15 series" profiles single (type 1515) or double (type 1530) type. Total height of frame 2100mm. Frame equipped with with levelling feet (load capacity >500kg),90° joining plates (7-hole for 1515/1530 joints, 5-hole for 1515/1515 joints) Fig.2. 			inspection upon delivery, technical description and verification supplied by manufacturer
		2	Stainless steel optical table with internal tuned vibration dampers, size of the breadboard 1200 mm x 1200 mm, minimum tabletop thickness 300 mm, rigid support structure without active or passive vibration isolation, static deflection max. 1x10-5 mm/N, dynamic deflection above 100Hz max. 1x10-4 mm/N nominal height of tabletop above floor level 900mm Rectangular grid with 25mm distance between axes, tapped M6 holes, sealed Thickness of top and bottom surface plates equal or higher than 4.5 mm. Table top flatness over any area of 1m2 with max deviation ±0,15mm. Permitted load 200kg/m2. Table must fulfil criteria for cleanroom class ISO7, minimal distance between legs 600mm.			
	Post	4	Organizer rack with shelves for storage all pedestal stuff			inspection upon delivery
		20	1/2" Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 25 mm			
		20	1/2" Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 50 mm			
		20	1/2" Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 75 mm			
		20	1/2" Post Holder with Spring-Loaded Hex Locking Thumbscrew, L= 100 mm			
		100	L-Shape base table Clamp with M6 slot			
		100	L-Shape base table Clamp with M6 slot, vacuum compatible			
		20	1/2" Stainless Steel Post, M6 Tapped Hole on One End, Removable M4 Threaded Stud on the Other End, L=30mm			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Pedestal system	Post	20	1/2" Stainless Steel Post, M6 Tapped Hole on One End, Removable M4 Threaded Stud on the Other End, L=50 mm			inspection upon delivery
		20	1/2" Stainless Steel Post, M6 Tapped Hole on One End, Removable M4 Threaded Stud on the Other End, L = 75 mm			
		20	1/2" Stainless Steel Post,M6 Tapped Hole on One End, Removable M4 Threaded Stud on the Other End, L = 100 mm			
		20	Slip-On Post Collar for Ø1/2" Posts			
		10	Swivel Post Clamp, 360° Continuously Adjustable			
		10	Right Angle Post Clamp, Fixed 90° Adapter			
		10	1" 45-degree counterbored pedestal adaptor, M4			
		10	1/2" pedestal post, L=20mm, clamping fork			
		10	1/2" pedestal post, L=20mm, clamping fork , vacuum compatible			
		10	1/2" pedestal post, L=30mm, clamping fork			
		10	1/2" pedestal post, L=30mm, clamping fork, vacuum compatible			
		10	1/2" pedestal post, L=40mm, clamping fork			
		10	1/2" pedestal post, L=40mm, clamping fork, Vacuum compatible			
		20	1/2" pedestal post, L=50mm, clamping fork			
		10	1/2" pedestal post, L=50mm, clamping fork, Vacuum compatible			
		10	1/2" pedestal post, L=75mm, clamping fork			
		10	1/2" pedestal post, L=75mm, clamping fork, Vacuum compatible			
		20	1/2" pedestal post, L=100mm, clamping fork			
		20	1/2" pedestal post, L=100mm, clamping fork, Vacuum compatible			
		10	1/2" pedestal post, L=150mm, clamping fork			
		50	1" pedestal post, L=50mm, clamping fork			
		20	1" pedestal post, L=50mm, clamping fork, Vacuum compatible			
		40	1" pedestal post, L=75mm, clamping fork			
		30	1" pedestal post, L=75mm, clamping fork, Vacuum compatible			
		30	1" pedestal post, L=75mm, clamping fork			
		100	1/2" post extension, L=1mm			
		30	1/2" post extension, L=2mm			
		20	1/2" post extension, L=5mm			
		20	1/2" post extension, L=10mm			
		20	1/2" post extension, L=20mm			
		10	1/2" post extension, L=30mm			
		10	1/2" post extension, L=40mm			
		200	1" post extension, L=1mm			
		100	1" post extension, L=2mm			
		100	1" post extension, L=5mm			
		100	1" post extension, L=10mm			
		100	1" post extension, L=20mm			
		100	1" post extension, L=30mm			
		50	1" post extension, L=50mm			
		50	Post position retainer			
		10	1" post clamp with M6 tapped mounting surface 150x150mm2			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Pedestal system	Optical construction rail	5	66 mm construction rail, with four M3 holes at the corners for mounting, clear anodized coating, L = 200mm			inspection upon delivery
		5	66 mm construction rail, with four M3 holes at the corners for mounting, clear anodized coating, L = 500mm			
		5	66 mm construction rail, with four M3 holes at the corners for mounting, clear anodized coating, L = 1000mm			
		5	Horizontal mounting plate for 66mm optical rails, four mounting slots M6			
		5	Vertical mounting plate for 66mm optical rails, four mounting slots M6			
		4	right angle bracket for 66mm rails			
		10	rail carriage for 66mm rails, side-locket clamping mechanism, six tapped M6 holes			
		5	25mm construction rail with tapped M6 hole in each end, clear anodized coating, L = 300 mm			
		5	25mm construction rail with tapped M6 hole in each end, clear anodized coating, L = 500 mm			
		6	Table clamp for 25mm rails, clear anodized coating, 25.4mm long slot for M6 screw			
		6	Right-angle Bracket for 25 mm rail, clear anodized coating, fixed by M6 screws			
		20	Self-centering quick-release T-Nut, M6 Tapped hole			
		50	Drop-In T-Nuts for 25mm Rails, M6 tapped hole			
		2	standard enclosure, 52.5 cm x 37.5 cm x 30 cm, made of 25mm rail, with black hardboard sliding door			
	Mechanical Accessories	5 SETS	Organized SET Kit contains stainless steel parts:			inspection upon delivery
			M3 x 0,5 - 5 mm / 200 pcs capscrews ISO 4762 and 200pcs setscrews ISO 4029			
			M3 x 0,5 - 8 mm / 200 pcs capscrews ISO 4762 and 200pcs setscrews ISO 4029			
			M4 x 0,7 - 6 mm / 500 pcs capscrews ISO 4762 and 500pcs setscrews ISO 4029			
			M4 x 0,7 - 10 mm / 360pcs capscrews ISO 4762 and 360pcs setscrews ISO 4029			
			M4 x 0,7 - 12 mm / 340 pcs capscrews ISO 4762 and 340pcs setscrews ISO 4029			
			M4 x 0,7 - 20 mm / 300 pcs capscrews ISO 4762 and 300pcs setscrews ISO 4029			
			M4 x 0,7 - 25 mm / 250 pcs capscrews ISO 4762 and 250pcs setscrews ISO 4029			
			M4 x 0,7 - 30 mm / 250pcs capscrews ISO 4762 and 250pcs setscrews ISO 4029			
			M4 x 0,7 - 40 mm / 200 pcs capscrews ISO 4762 and 200pcs setscrews ISO 4029			
			M6 x 1,0 - 6 mm / 500 pcs capscrews ISO 4762 and 500pcs setscrews ISO 4029			
			M6 x 1,0 - 10 mm / 360 pcs capscrews ISO 4762 and 360pcs setscrews ISO 4029			
			M6 x 1,0 - 12 mm / 340 pcs capscrews ISO 4762 and 340pcs setscrews ISO 4029			
			M6 x 1,0 - 20 mm / 300 pcs capscrews ISO 4762 and 300pcs setscrews ISO 4029			
			M6 x 1,0 - 25 mm / 250 pcs capscrews ISO 4762 and 250pcs setscrews ISO 4029			
			M6 x 1,0 - 30 mm / 250 pcs capscrews ISO 4762 and 250pcs setscrews ISO 4029			
			M6 x 1,0 - 40 mm / 200 pcs capscrews ISO 4762 and 200pcs setscrews ISO 4029			
			M3 x 0,5 Nut / 500 pcs ; M3 Washer / 500 pcs			
			M4 x 0,7 Nut / 1000 pcs ; M4 Washer / 1000 pcs			
			M6 x 1,0 Nut / 750 pcs ; M6 Washer / 750 pcs			
			M6 Male to M4 Male thread adaptor / 50 pcs			
			M4 Male to M3 Male thread adaptor / 50 pcs			
			M4 Male to M4 Female thread adaptor / 50 pcs			
			M6 Female to M4 Male thread adaptor / 50 pcs			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Pedestal system	Mechanical Accessories	5 SETS	M4 Male to M6 Female thread adaptor / 50pcs			inspection upon delivery
			M4 Female to M6 Male thread adaptor / 50 pcs			
			M4 female to M6 female thread adaptor / 50 pcs			
			M4 counterbore adapter ring / 50 pcs			
			M6 counterbore adapter ring / 50 pcs			
			Tool box for installation with Hex key set 5 mm , 4 mm, 3 mm , 2.5mm, 2 mm, 1.5 mm, 1.3 mm, 0.9 mm and 0.7 mm			
Motion control	Linear stage 1000	2	Linear stage with travel 1000mm, 2-phase stepper motor, load capacity in the middle 500 N, velocity min. 15mm/s, On-Axis Accuracy +/- 40 µm, repeatability 10 µm, stage parallelism <25 µm, including power supply 24V DC, cables for vacuum and air space 2m long each part, maximum current draw 1,5A, M4 and M6 threaded holes as mounting interface, Vacuum compatible (10^-5mbar)			inspection upon delivery, technical description, verification supplied by manufacturer, final inspection record, CE marking
		3	Linear stage with travel 1000mm, 2-phase stepper motor, load capacity in the middle 500 N, velocity min. 15mm/s, On-Axis Accuracy +/- 40 µm, repeatability 10 µm, stage parallelism <25 µm, including power supply 24V DC and cables for air space 2m long each part, current draw max. 1,5A, M4 and M6 threaded holes as mounting interface			
	Linear stage 150	10	Linear stage with travel 170mm, 2-phase stepper motor, load capacity in the middle 300 N, velocity min. 15mm/s, On-Axis Accuracy +/- 20 µm, repeatability 2 µm, stage parallelism <25 µm, including power supply 24V DC and cables for vacuum and air space 2 m long each part, current draw max. 1,5A, M4 and M6 threaded holes as mounting interface, Vacuum compatible (10^-5mbar)			
	Linear stage 500	2	Linear stage with travel 500mm, 2-phase stepper motor, load capacity in the middle 300 N, velocity min. 15mm/s, On-Axis Accuracy +/- 20 µm, repeatability 5 µm, stage parallelism <25 µm, including power supply 24 V DC and cables for vacuum and air 2 m long each part, current draw max. 1,5A, M4 and M6 threaded holes as mounting interface Vacuum compatible (10^-5mbar)			
	Linear stage 250	2	Linear stage with travel 250mm, 2-phase stepper motor, load capacity in the middle 300 N, velocity min. 15mm/s, On-Axis Accuracy +/- 20 µm, repeatability 3 µm, stage parallelism <25 µm, including power supply 24 V DC and cables for air and vacuum space 2 m long each part, current draw max. 1,5 A, M4 and M6 threaded holes as mounting interface, Vacuum compatible (10^-5mbar)			
		3	Linear stage with travel 250mm, 2-phase stepper motor, load capacity in the middle 300 N, velocity min. 15mm/s, On-Axis Accuracy +/- 20 µm, repeatability 3 µm, stage parallelism <25 µm, including power supply 24 V DC and cables for air space 2 m long, current draw max. 1,5 A			
	Linear stage 350	1	Linear stage with travel 350mm, 2-phase stepper motor, load capacity in the middle 300 N, velocity min. 15mm/s, On-Axis Accuracy +/- 20 µm, repeatability 5 µm, stage parallelism <25 µm, including power supply 24 V DC and cables for air space 2 m long, current draw max. 1,5 A			
	Motorized flipper mount	1	Motorized flipper mount for 2" optics, transit time 1second, optic mount with two screws with lock, M4 tapped mounting holes, servo motor including power supply 24 V DC and cables for vacuum space 2 m long, current draw max. 1,5 A, Vacuum compatible (10^-5mbar)			
	Motorized actuator	28	Motorized linear actuator for mirror mount, vacuum compatible, travel 10mm, incremental motion 0.2 µm, repeatability 5 µm, velocity 1mm/s, load 40N, including power supply 24 V DC and cables for vacuum and air space 2 m long each part, Vacuum compatible (10^-5mbar)			
Mirror mount rectangular	Kinematic mirror mount	10	Kinematic mirror mount for rectangular optics with dimensions 110 mm x 150 mm , two knobs adjusters with 100TPI within the range ± 4°, side lock, M4 mounting holes on each of two sides, operating in vacuum (10^-5mbar)			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
Mirror mount 4"	Gimbal mirror mount	10	Gimbal mirror mount for optics with diameter 4", two knob adjusters with BHC lock with min.100TPI within the range ± 4°, M4 mounting holes, operating in vacuum (10^-5mbar)			inspection upon delivery, technical description. Final inspection record and certificate of application for supplied optics
	Kinematic mirror mount	24	Kinematic mirror mount for optics with diameter 4", two knob adjusters with min.100TPI within the range ± 4°, M4 mounting holes on each of two sides			
	Kinematic mirror mount	31	Kinematic mirror mount for optics with diameter 4", two knob adjusters with side lock with min.100TPI within the range ± 4°, M4 mounting holes on each of two sides, mounting holes for fiber connector or fiber bracket on the opposite corners than adjusters, operating in vacuum (10^-5mbar)			
Mirror mount 3"	Kinematic mirror mount	2	Kinematic mirror mount for optics with diameter 3", two knob adjusters with side lock with min.100TPI within the range ± 4°, M4 mounting holes on each of two sides, operating in vacuum (10^-5mbar)			
Mirror mount 2"	Kinematic mirror mount	36	Kinematic mirror mount for optics with diameter 2", two knob adjusters with side lock with min.100TPI within the range ± 4°, M4 mounting holes on each of two sides			
		22	Kinematic mirror mount for optics with diameter 2", two knob adjusters with side lock with min.100TPI within the range ± 4°, M4 mounting holes on each of two sides, mounting holes for fiber connector or fiber bracket on the opposite corners than adjusters, operating in vacuum (10^-5mbar)			
Mounts for Optics	Adjustment screws	20	100TPI Hex adjustment screw, travel 12,7mm, end lock, vacuum compatible (10^-5mbar)			
	Microscope objective mount	10	Microscope objective mount with M4 threaded mounting holes for post, fixed adjustment			
	Lens mount set	60	Fixed lens mount with internal thread. The set contains 20pcs for 1" optics, 20pcs for 2" optics and 20pcs for 4" optics.			
Mirror mount 1"	Kinematic mirror mount	18	Kinematic mirror mount for optics with diameter 1", two knob adjusters with lock with min.100TPI within the range ± 4° and resolution 5 µrad/rot., M4 mounting holes on each of two sides			
rectangular optics	Beamsplitter	9	Femtosecond beamsplitter with T/R : 0,5/99,5% splitting of s-polarization ; Wavelength range 800 nm - 900 nm ; Central wavelength 850 nm ± 20 nm ; AOI = 45°; size 110 mm x 150mm; AR coating on back surface ; Damage Threshold 0.1 J/cm2 (1 kHz, 20 fs); surface flatness λ/10 at 632.8 nm ; Operating in high vacuum (10^-5 mbar)			inspection upon delivery, technical description, verification supplied by manufacturer, test certificate of laser induced damage threshold
		2	Femtosecond beamsplitter with T/R : 10/90% splitting of s-polarization ; Wavelength range 800 nm - 900 nm ;Central wavelength 850 nm ± 20 nm ; AOI = 45°; size 110 mm x 150 mm; AR coating on back surface ; Damage Threshold 0.1 J/cm2 (1 kHz, 20 fs); surface flatness λ/10 at 632.8 nm ; Operating in high vacuum (10^-5 mbar)			
		4	Femtosecond beamsplitter with T/R : 50/50% splitting ; Unpolarized ; Wavelength range 800 nm - 900 nm ; Central wavelength 850 nm ± 20 nm ; AOI = 45°; size 110 mm x 150 mm; AR coating on back surface ; Surface flatness λ/10 at 632.8 nm ; Damage Threshold 0.1 J/cm2 (1 kHz, 50 fs); Operating in air			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
4" optics	Ø4" Mirror	30	Broadband Ti:sapph laser mirror for 45° AOI ;wavelength range 800 nm – 900 nm ; central wavelength 850 nm ± 20 nm ; R > 99,8% unpolarized over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm; Damage Threshold 0.1 J/cm2 with 50 fs pulses @ 1 kHz ; Operating in air			inspection upon delivery, technical description, verification supplied by manufacturer, test certificate of laser induced damage threshold
		10	Broadband Ti:sapph laser mirror for 45° AOI ;Wavelength range 800 nm – 900 nm ; central wavelength 850 ± 20 nm ; Rp > 99,7% P-polarization over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm; Damage Threshold 0.1 J/cm2 with 20 fs pulses @ 1 kHz ; Operating in high vacuum (10^-5mbar) and in air			
		50	Broadband Ti:sapph laser mirror for 45° AOI ;Wavelength range 800 nm – 900 nm ; Central wavelength 850 ± 20 nm ; Rs > 99,8% S-polarization over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm; Damage Threshold 0.1 J/cm2 with 20 fs pulses @ 1 kHz ; Operating in high vacuum (10^-5mbar) and in air			
	Set of 4" lenses	20	Set of 20 pcs biconvex lenses with 4" diameter in the box, antireflection coating, wavelength 650-1000nm, focal length F = 500mm; F=1000mm			
3" optics	Ø3" Beamsplitter	2	Femtosecond beamsplitter with T/R : 0,5/99,5% splitting of s-polarization ; Wavelength range 800 nm – 900 nm ; Central wavelength 850 ± 20 nm ; AOI = 45° ; Size 110 mm x 150 mm; Surface flatness λ/10 at 632.8 nm ; AR coating on back surface ; Damage Threshold 0.1 J/cm2 (1kHz, 20fs) ; Operating in high vacuum			
	Set of 3" lenses	10	Set of 10 pcs biconvex lenses with 3" diameter in the box, antireflection coating, wavelength 650-1000nm, 2pcs for each focal length F = 100mm; 150mm; 200mm; 300mm; 500mm			
2" optics	Ø2" lenses	2	Plano-convex lens with 2" diameter; focal length F = 150mm;VIS- NIR coating			
		2	Plano-convex lens with 2" diameter; focal length F = 250mm; VIS- NIR coating			
		2	Plano-convex lens with 2" diameter; focal length F = 500mm; VIS-NIR coating			
		10	Biconvex lens with 2" diameter; focal length F = 100mm; VIS-NIR coating			
	Ø2" Mirror	30	Broadband Ti:sapph laser mirror for 45° AOI ; Wavelength range 800 nm – 900 nm ; central wavelength 850 ± 20 nm ; R > 99,8% unpolarized over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm ;			
		45	Broadband Ti:sapph laser mirror for 45° AOI ; Wavelength range 800 nm – 900 nm ; Central wavelength 850 ± 20 nm ; Rp > 99,7% P-polarization over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm ; Damage Threshold 0.1 J/cm2 with 20 fs pulses @ 1 kHz ; Operating in air and in high vacuum (10^-5mbar)			
		10	Broadband Ti:sapph laser mirror for 45° AOI ; Wavelength range 800 nm – 900 nm ; Central wavelength 850 ± 20 nm ; Rs > 99,8% S-polarization over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm; Damage Threshold 0.1 J/cm2 with 20 fs pulses @ 1 kHz ; Operating in air and in high vacuum (10^-5mbar)			
	Set of ND filters	52	Set of 52 pcs neutral density filters, Unmounted,wavelength 650 - 1050 nm; 2pcs for each optical density 0,1; 0,2; 0,3; 0,4; 0,5; 0,6; 0,7; 0,9; 1,0; 1,3; 1,5; 2,0; 2,5; and every diameter 1" and 2"			
		80	Set of 80 pcs 2" neutral density filters, Unmounted, wavelength 650 - 1050 nm; 10pcs for each optical density 6,0; 5,0; 4,0; 3,0; 2,0; 1,0; 0,6; 0,3			
	Beam splitter	4	2" beamsplitter T/R : 50/50% splitting ; Wavelength range 250 nm - 450nm ; AR coating on back surface ; AOI = 45° ; Damage Threshold 4 J/cm2 (10ns, 10Hz at 355 nm) ; Operating in air			
	Beam splitter	4	2" beamsplitter T/R : 50/50% splitting ; Wavelength range 700 nm - 1100 nm ; AR-coating on back surface ; AOI = 45° ; Damage Threshold 2 J/cm2 (10ns, 10Hz at 810 nm) ; Operating in air			

Section	Name	Pieces	Requested description	Offered description	Offer comply with requirements	Verification
1" optics	Ø1" Mirror	8	Broadband Ti:sapph laser mirror for 45° AOI ; Wavelength range 800 nm – 900 nm ; Central wavelength 850 ± 20 nm ; R > 99,8% unplorarized over full bandwidth; Polished back surface ; Surface flatness λ/10 at 632.8 nm; Damage Threshold 0.1 J/cm2 (1kHz, 20fs) ; Operating in air			inspection upon delivery, technical description, verification supplied by manufacturer, test certificate of laser induced damage threshold
	Set of colour filters	45	Set of colour filters with different centre wavelength: 800 nm, 810 nm, 820 nm, 400 nm, 405 nm, 410 nm, 540 nm, 546 nm, 550 nm. 5pcs for every wavelength. Bandpass: 10 nm.			
	Beam splitter	10	Beamsplitter with T/R : 70/30% splitting ; Unpolarized ; Wavelength range 800 nm – 900 nm ; Central wavelength 850 ± 20 nm ; AOI = 45° ; Surface flatness λ/10 at 632.8 nm ; AR coating on back surface ; Damage Threshold 0.1 J/cm2 (1 kHz, 50 fs) ; Operating in air			
	Beam splitter	10	Beamsplitter with T/R : 50/50% splitting ; Unpolarized ; Wavelength range 800 nm – 900 nm ; central wavelength 850 ± 20 nm ; AOI = 45°; Surface flatness λ/10 at 632.8 nm ; AR coating back surface ; Damage Threshold 0.1 J/cm2 (1 kHz, 50 fs) ; Operating in air			
Microscope objectives	Set of microscope objectives	14	Set of microscope objective with magnification: 20x - 2pcs; 10x - 2pcs; 4x - 10pcs			inspection upon delivary, technical description and final inspection record
	Set of microscope objectives	12	Set of microscope objective with magnification: 40x - 4pcs; 10x - 4pcs; 4x - 4pcs			
	Objectives	4	12mm High Res Fixed Focal Length Lens			
Polarizers	Polarizer 400 nm	1	1", Standard Thin Film Polarizers, UV FS, Rs/Tp>99.5/95.0 %			
	Polarizer 800 nm	1	1",Standard Thin Film Polarizers, BK7, Rs/Tp>99.5/95.0 %			
Filter wheal	Filter wheel station for 2" optics	4	One wheel with capacity for 5 filters, retaining ring, base and pedestal included			
Irises	Precision pinhole	30	Ø5 µm Precision Pinhole, 1" outer diameter			
		10	Ø10 µm Precision Pinhole, 1" outer diameter			
		10	Ø25 µm Precision Pinhole, 1" outer diameter			
		10	Ø50 µm Precision Pinhole, 1" outer diameter			
		10	Ø100 µm Precision Pinhole, 1" outer diameter			
	Post mounted irises	12	Zero Aperture, Post-Mounted Iris Diaphragm, Ø50.0 mm Max Aperture			