

TATA INSTITUTE OF FUNDAMENTAL RESEARCH, HYDERABAD

An Autonomous Institution of the Department of Atomic Energy, Government of India (A Deemed University)

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ENQUIRY

Ref: TIFR/PD/CM25-125/250176

May 26, 2025

1. M/s. ADVANCED PHOTONICS (ADVP)
2. M/s. ANATECH LASER INSTRUMENTS PVT LTD (ANLA)
3. M/s. EDMUND OPTICS INDIA PRIVATE LIMITED (EOIP)
4. M/s. HOLMARC OPTO-MECHATRONICS LTD (HOLM)
5. M/s. LASER SPECTRA SERVICES INDIA PVT.LTD (LASS)
6. M/s. LASER SCIENCE SERVICES (I) PVT. LTD. (LSSP)
7. M/s. NEW AGE INSTRUMENTS & MATERIALS PVT. LTD. (NEWI)
8. M/s. SCI.ENG.TECH SOLUTIONS (SCSO)
9. M/s. TROKUT SOLUTIONS PVT LTD. (TRSO)

Dear Sirs

Please let us have your **Quotation** for the following:

S.No.	Item Code	Description	Qty	UOM
1	LMOOM000819	Rotation Mount for Half-Wave Plate Rotation about a horizontal axis SM threaded inner bore accepting 1/2" optics 360° continuous coarse rotation Greater than 5° of fine rotation when locked Vernier scale with 10 arcmin resolution Bottom-located M4/M6 tapped hole for postmounting, Metric	2.00	NOS
2	LMOOM000820	Rotation Mount for 1" Optics Rotation about a horizontal axis SM threaded inner bore accepting 1" optics 360° continuous coarse rotation Greater than 5° of fine rotation when locked Vernier scale with 5 or fewer arcmin resolution Bottom-located M4/M6 tapped hole for post mounting, Metric	1.00	NO
3	LMOOM000821	Threaded Mount for Glan Polarizer Housing Mount for 10mm mounted cube-shaped polarizing prisms Full clear aperture on at least three sides Rotating cover should block unwanted beams The housing should feature external SM1 threading	2.00	NOS
4	LMOOM000822	Rotation Base for BBO Crystal Rotation about a vertical axis 360° continuous coarse rotation with dovetail mounting 5° of fine rotation Rotation locking screw with 5/64" (2.0mm) Hex Should feature vernier scale with micrometer screw for fine rotation with 5 arcmin resolution Combination M6 and M4 tapped holes on the rotation base, with M6 tap at centre, Metric	1.00	NO
5	LMOOM000823	Translation Stage for BBO Crystal Linear translation range: 25 mm Micrometer resolution: 500 µm per revolution Should have dovetail mounting Should have a side-mounted metric micrometer The stage must have M6 tapped holes, Metric Should be compatible with 2" dovetail accessories	1.00	NO

6	LMOOM000824	Periscope Mirror Assembly Should be compatible with 1" optics Two kinematic mirror holders with 45-degree mirror mounts that can be clamped to the periscope main post (post diameter 25 mm) The mirror holders should have 360° continuous rotation wheel At least one mirror holder should have ±4° tip and tilt, Metric compatible Includes kinematic post clamp	1.00	NO
7	LMOOM000825	Periscope Assembly Posts Stainless steel non-magnetic 25.0 mm Pillar Post, M6 Taps on both Ends Length = 150 mm M6 Tapped Hole on Both Ends, Metric Should have 6 mm through hole at the centre, perpendicular to the axis for additional torque	1.00	NO
8	LMOOM000826	Periscope Assembly Posts Stainless steel non-magnetic 25.0 mm Pillar Post, M6 Taps on both Ends Length = 100 mm M6 Tapped Hole on Both Ends, Metric Should have 6 mm through hole at the centre, perpendicular to the axis for additional torque	1.00	NO
9	LMOOM000827	Periscope Assembly Posts Stainless steel non-magnetic 25.0 mm pillar post Length = 50 mm M6 Tapped Hole on Both Ends, Metric Should have 6 mm through hole at the centre, perpendicular to the axis for additional torque	1.00	NO
10	LMOOM000828	45° Mount Fixed 45° mount for 2" optics Should have a large open aperture (1" or more) both along and perpendicular to the optical beam Should be mountable on unthreaded 2" kinematic mirror mounts	4.00	NOS
11	LMOOM000829	2" Mirror Holder Should be able to hold 2" (or 50 mm) optics Should have adjuster knobs for pitch and yaw adjustment Should feature a monolithic flexure arm for minimal optic distortion and better optic holding stability Should have adjusters with ball contacts and sapphire seats for smooth kinematic adjustment. Should be mountable on the optical post assembly	6.00	NOS
12	LMOOM000830	Motorized Filter Wheel 6-Position Motorized Wheel for 1" (25 mm) Optics Power supply to drive the wheel SM Threaded apertures with six Retaining Rings Should have position control buttons on the body Should be remotely computer controllable Should have an external trigger option Should have controller software, with USB interface	1.00	NO
13	LMOOM000831	Cage Cube for Rectangular Optics Should hold rectangular optics, such as a dichroic mirror up to 36 mm wide, 26 mm tall, and 3 mm thick, using an integrated clamp. Should hold rectangular optics at 45° angle of incidence Should have M4/M6 tapped hole at the bottom for mounting to optical post	2.00	NOS
14	LMOOM000832	Mount for 2" Tall Rectangular Optics Should hold 2" tall square or rectangular optics Mount optics greater than 3.0 mm (0.12") thick The optic should be secured in the mount with a hex setscrew at the top and a groove at the bottom Adjuster Knobs for Pitch and Yaw Adjustment Should be mountable on an optical post assembly	3.00	NOS
15	LMOOM000833	Thread Adapter for Objective Adapter with external RMS threads and internal M25 x 0.75 threads for mounting objective	1.00	NO

LMOOM000833 Should have a flange to prevent overthreading.

16	LMOOM000834	Thread Adapter for Objective Brass material Adapter with external M25 x 0.75 threads and internal W26 x 0.706 threads for mounting objective Should have a flange to prevent overthreading.	1.00	NO
17	LMOOM000835	Mounting Post Bracket Mounting platform with adjustable height using cap screws Should fit 1.5 inch diameter post Should have M6 clearance holes, threaded holes, and clearance slots for mounting, Metric Should have a quick-release handle to secure the clamp to the post	2.00	NOS
18	LMOOM000836	Adjustable Height Collar Should easily slip to the post and allow height adjustment of post-mounted hardware Should allow fine height adjustment of greater than 0.5mm per revolution, Should have M6 locking screw, Metric Vertical adjustment range should be greater than 8mm	2.00	NOS
19	LMOOM000837	1.5 inch Mounting Post Length 150mm 1.5 inch mm diameter pillar post, length 150mm Should be solid, non-magnetic Should be made up of steel Should have M6 taps, Metric	2.00	NOS
20	LMOOM000838	1.85" Magnetic Studded Pedestal Base Adapter Should be compatible with 1.5" diameter pillar post Should be adaptable with clamping forks Should be magnetic and have M6 threads to attach to the pillar post, Metric	5.00	NOS
21	LMOOM000839	Clamping Fork for 1.85" Pedestal Bases Clamping Fork for 1.85" Pedestal Bases Should feature counterbored slot for flexible mounting on optical breadboard Should provide good clamping force	5.00	NOS
22	LMOOM000840	Low-Distortion Kinematic Mirror Mounts for 1" Optics Should be able to mount 1" optics Stainless-steel construction Should have spring with indexing tab for low distortion Should feature hardened stainless steel ball contacts with sapphire seats for durability and smooth movement Should have two or more adjusters	1.00	NO
23	LMOOM000841	45° Mounting Adapter for 1" or 25 mm Mirror Mounts Fixed 45° mounting adapters for mirror mounts Should have bottom located M6 tapped hole for mounting to optical post assembly, Metric Should have two 2 mm alignment pin holes in the base for precision mounting	1.00	NO
24	LMOOM000842	12.7 mm Optical Posts Stainless steel, non-magnetic Should have one double-ended M4 setscrew at top and one M6 tapped hole at base for mounting optics, metric Length = 75 mm	30.00	NOS
25	LMOOM000843	12.7 mm Optical Posts Stainless steel, non-magnetic Should have one double-ended M4 setscrew at top and one M6 tapped hole at base for mounting optics, metric Length = 50 mm	5.00	NOS
26	LMOOM000844	1/2" Pedestal Post Holders Length = 54.7 mm Anodized aluminum construction Should feature spring-loaded, hex-locking thumbscrew for easy positioning, metric Should have an extra-wide relief cut for stable contact for the post. Should feature three high-strength magnets in the base Should have open base for easy passing of post through it Should be adaptable with clamping forks	30.00	NOS
27	LMOOM000845	1/2" Pedestal Post Holders	5.00	NOS

LMOOM000845 Length = 44.7 mm
 Anodized aluminum construction
 Should feature spring-loaded, hex-locking thumbscrew for easy positioning, metric
 Should have an extra-wide relief cut for stable contact for the post.
 Should feature three high-strength magnets in the base
 Should have open base for easy passing of post through it
 Should be adaptable with clamping forks

28	LMOOM000846	Clamping Fork for 1.25" Pedestal Bases Clamping Fork for 1.25" Pedestal Bases Should feature counterbored slot for flexible mounting on optical breadboard Should provide good clamping force	15.00	NOS
29	LMOOM000847	1" Standard Kinematic Mirror Mounts Should have nylon-tipped setscrew to secure 1" optics Should have adjuster knobs for pitch and yaw adjustment Should have M4 counterbored holes.	10.00	NOS
30	LMOOM000848	Fixed Lens Mount for 1" optics Should be able to mount 1" optics Should be internally SM threaded with a compatible retaining ring for securing optics. M4/M6 tapped hole for mounting to 1/2" posts	10.00	NOS
31	LMOOM000849	Post Collar Collar thickness should be less than 12 mm Should have M6 thumbscrew for locking post collar onto 1/2" post Should include vertically aligned 4-40 setscrew for height adjustment without the need for a translating post or post holder	20.00	NOS
32	LMOOM000850	Prism Mounting Accessory Platform accessory for mounting prism or other small optics Should come with 0.5" x 1.5" or larger platform Should come with a height-adjustable clamping arm The platform should have M4 tapped holes at the corners to mount the clamping arm, metric. Screws included Height adjustment range of 5 mm or more The assembly should be capable of mounting on a rotation ring	1.00	NO
33	LMOOM000851	6-Axis Kinematic Optic Mounts for 1" Optics Should feature six adjustment axes with locks Should have independent x, y, and continuous 360° roll adjustment Should have a rotating dial for 360° rotation Should feature a counterbore for post mounting The rotating dial should have tapped holes for attaching the prism mounting assembly	1.00	NO

NOTE :

Please submit the Quotation as per the Specifications mentioned in Enquiry.

Please mention your GST Registration numbers on the quotation, proforma Invoice and Bills.

Quotation should indicate make, delivery period, guarantee/warranty exact taxes applicable, etc.

The payment will be made only after delivery of the supply, satisfactory installation, commissioning and performance of the item/equipment. No Advance payment will be made except in case of furnishing valid Bank Guarantee from any nationalized/scheduled bank the B. G. shall be valid till the complete delivery is made at the site.

Time is the essence of the contract. The delivery of Goods or performance of the Services shall be made by the Supplier in accordance with the time schedule specified in the Purchase Order/Contract.

If the Supplier fails to deliver any or all of the Goods or to perform services within the period(s) specified in the Purchase Order/Contract, the Purchaser shall, without prejudice to other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to 0.5% per week and the maximum deduction is 5% of the contract price.

Quotation sent by hand delivery / courier are to be deposited in the Tender Box kept at the Main Gate after obtaining stamp, date and signature of the Security Officer.

Quotation should be submitted in sealed envelope duly superscribing our enquiry reference and due date.

Due Date for submitting your offer is 16/06/2025.

Yours faithfully

J.RATHNA

Administrative Officer (D)

Copy to: Prof. / Dr. / Mr. / Mrs. / Ms. / Shri / Smt. SAMPATH KUMAR SURAE (TCIS-24X124)
Your Indent Req. No.SKS1440015 Dated:14/05/2025 refers.



