

DEPARTMENT OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Notice Inviting Quotations (NIQ) for the purchase of S Wave plate
(Last date of submission 21 April 2016)

Specifications

We are in the process of buying a S-wave plate, the specifications of which are given below:

S wave plates are useful in converting linearly polarized beam into radial or azimuthal polarized beam with 100% polarization conversion efficiency and high damage threshold. It can also be used to generate an optical vortex.

SPECIFICATIONS:

Sl. No.	Parameters	Value
1	Operational wavelength in nm	632 ± 20
2	Transmission	>50%
3	Clear Aperture in mm	8mm
4	Material	UVFS
5	Thickness	$3(\pm.1)$ mm
6	Substrate Diameter	30mm
7	Surface flatness	$< \lambda / 8$ for 632.8nm
8	Surface quality	20-10 S-D
9	Parallelism error	< 30 arc sec

Quotations should be submitted to Dr. P.Senthilkumaran, Department of Physics, Indian Institute of Technology Delhi, Hauz Khas New Delhi 110016, India. Emails: psenthil@physics.iitd.ac.in, psenthilk@yahoo.com

The last date for submission of quotation is Thursday, 21 April 2016.

1. Please quote FOB as well as CIF New Delhi rate.
2. If the item quoted for, are propriety in nature, please include propriety certificate.
3. Validity of the quotation should be minimum 90 days.
4. Freight, insurance and any other charges should be mentioned.
5. Guarantee or warranty conditions must be clearly specified, exemptions if any must be clearly stated.
6. Academic institution discount, if any can be mentioned.
7. Institute reserves the right to order equipment with better quality over lower price and to accept or reject any or all the quotations without assigning reasons thereof.
8. Specification of the quoted device should be supported by original manufacturer's pamphlet.