

(B)

Specifications of stereozoom microscope:

Stereozoom microscope required to view *C. elegans* and pick worms for routine *C. elegans* work as well as viewing and doing routine work with Zebrafish

1. Stereozoom microscope with Common Main Objective.
2. Zoom range 7.5:1 or better
3. Magnification in the range of (approximately) 5x-50x.
4. Working Distance of 110 mm or better
5. Paired widefield eyepiece of 10X or better should have field of view of 22mm or better and should be suitable for eyeglass wearers
6. Eyepiece should have a diopter adjuster and an eye shield
7. Resolution 650 lp/mm or better.
8. Numerical aperture 0.25 or better
9. Transmitted light stand or diascope stand (or equivalent) should come with reflecting mirror and a transparent glass stage.
10. Should be supplied with a LED (white and yellow) light source or better
11. Quotation required for 20 such microscopes.
12. We will require that the manufacturers of the microscope give a demonstration at IISER Mohali with the stereomicroscope and will look at the tender only from companies that will allow us to use the microscope as per our needs (ie for *C. elegans* and Zebrafish work)

Every part should have a part number quoted including objectives that can be matched to the catalog. Please give the page number in the catalog.