

## LABORATORY EQUIPMENT FOR SCHOOLS

Package <sup>(1)</sup> No.	Item Serial Number	Item Name	Qty
		<b>Microscope x 600</b>	

### Item Description

A device that produces a magnified image of objects too small to be seen with the naked eye. The microscope is widely used in medicine and biology. Common microscopes use precision optical glass lenses. The product should meet international quality standard.

### Image



(Sample Required/Not Required)<sup>(2)</sup>

Specifications		Conformity		Variations (if any)
		Yes	No	
Monocular microscope inclinable, designed for use of students				
All metal sturdy body with heavy base and powder coated paint finish, including focus adjustment control.				
Fixed with focusing stop to protect the objectives or slides when focusing knob bringing the tube downwards.				
Dimensions ~ 200mm x 150mm x 350mm.				
Weight ~ 3.5kg.				
Corrosion proof, acid proof body				
i. Eye pieces	High quality two eye pieces			
	Achromatic wide field			
	x 10 with built in eye pointer			
	x 15 with built in eye pointer			
ii. Objectives	should be wide field			
	should give clear sharp achromatic images			
	3 objectives as x 4, x 10, x 40			
	Information should be marked on the objectives			
iii. Stage	Horizontal			
	Square stage dimensions ~ 120mm x 120mm.			
	With paired specimen clips			

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		Yes	No	
iv Focusing knob	Coarse and fine focusing knobs capable of smooth fine focusing moment over the full range of course travel.			
	Fine focusing movement should have sensitivity of two microns over entire coarse focusing range.			
	Focusing knob should be on both sides of the focusing stop			
	Safety arrangement shall be provided.			
	Viewing magnification range from 40 to 600.			
v Illumination	A concave mirror for use with natural light condenser with iris diaphragm.			
vi. Other Features	Assembly microscope to place in a quality wooden box with smooth finish including handle for carrying			
	With lock and key			
	Provision for keeping accessories in a dust free cover			
	A roll of lens paper and lens cleaning solution 100 ml.			
	Authorized list of accessories			
	Each accessory and spare part shall bear the catalogue no. and serial number			
	Provision of an air brush, a packet of Celica jell			
All packing shall be able to withstand hazardous conditions.				

Country of origin .....

Catalogue Reference (if any) .....

Country of manufacture .....

Whether the sample is submitted or not? <sup>(3)</sup>

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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Name and address of the Bidder.....

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 Signature of the Bidder

Date .....

Rubber stamp

(1) - Package No. under the Tender

(2) -The Buyer shall indicate whether a sample of the item is required or not, at the tendering stage.

(3) -The Bidder shall note that whenever a sample is required <sup>(2)</sup>, the Tender will be considered for evaluation only on approval of the sample.