



Notice Inviting e-Tender

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Procurement of Medical Equipment for Medical College and Hospital

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 215/2020

Dated- 05.11.2020

AMENDMENT-I

TECHNICAL SPECIFICATIONS

Sl. 1-SPECIFICATION OF TONOMETER (SCHIOTZ)

1. Body
2. Footplate – rests on the Cornea
3. Plunger
4. Weights-5.5 gm permanently fixed.

Additional weight – 7.5 gm, 10 gm, 15 gm

Safety Certification: CE (“Conformite Europeene”) or US FDA Certificate or BIS

SI. 2- SPECIFICATION OF TRIAL BOX WITH TRIAL FRAME

1. TRIAL BOX (WOODEN / PLASTIC)

Trial box contains trial lenses arranged in pairs, prisms and accessories.

TRIAL LENSES

Reduced aperture lenses of 20 mm diameter mounted in the metal rim of 38mm diameter , Plano convex and Plano concave.

1. Spherical lenses 32 pairs present in plus and minus power. Range : + & -0.12D to + & -20.00D. Variation : 0.25 to 4.00 D in increment of 0.25 D. 4.00D to 6.00 D in increment of 0.50 D. 6.00 to 14.00 D in increment of 1.00 D. 14.00 to 20.00 D in increment of 2.00D.
2. Cylindrical lenses : 19 pairs present in plus & minus form. Ranges : + & - 0.25D to - & + 6.00D. Variations: 0.25 to 3.50D in increment of 0.25D. 3.50 to 6.00 in increment of 0.50D.

PRISMS:

Power range of 0.5 D, 1-6.00D in 1D steps , 6-12.00D in 2D steps

ACCESSORIES:

1. Trial frame
2. Jackson cross cylinder
3. Occluder
4. Pin hole
5. Stenopic slit
6. Maddox rod
7. Red and Green Filter

TRIAL FRAME (Adult)

- Metallic/plastic adjustable trial frame
- Light weight with comfortable nose rest
- Reduced aperture to hold up to 38mm lenses for each eye. Atleast 3 compartment for spherical lenses, cylindrical lenses and occlude

- Nose bridge and temple are adjustable according to patient face.

TRAIL FRAME (CHILD)

- Trail frame for children, for 3 pairs of lenses Ø38 mm
- Adjustable PD from 54-58 mm
- Fixed bridge
- Adjustable temple length
- Lightweight metal and plastic
- Comfort trail frame for children with adjustable nose rest.

SI. 3- SPECIFICATION OF DIRECT OPHTHALMOSCOPE

1. Apertures : 7 (Cobalt blue filter, fixation star with polar co-ordinates , large spot, small spot, slit, hemispot)
2. All with red-free filter.
3. Aspherical Optical System
4. Optical components mounted to an aluminium chassis
5. Light : Xenon-Halogen
6. 2.5 Volt D-Cell being incorporated

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