

16-10-2017

Amendment No. 1**Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/17/MICR/17-18 Dated: 25.09.2017**

The following changes are being incorporated in the above referred Tender Enquiry Document

**Section I
Notice Inviting Tender****Existing:**

| Sl. No. | RFx No | Equipment | Qty | Tender Processing Fee (INR) | EMD (INR) |
|---------|------------|--------------------------------------|-----|-----------------------------|-----------|
| 2 | 3000002154 | Automated microbial detection system | 1 | 590 | 36000 |
| 6 | 3000002163 | Anaerobic workstation | 3 | 1180 | 120000 |

Read as:

| Sl. No. | RFx No | Equipment | Qty | Tender Processing Fee (INR) | EMD (INR) |
|---------|------------|--|-----|-----------------------------|-----------|
| 2 | 3000002154 | Automated <i>mycobacterial identification and susceptibility testing system</i> | 1 | 590 | 36000 |
| 6 | 3000002163 | <i>Automated</i> Anaerobic System | 3 | 1180 | 120000 |

**Section VI
List of Requirement****Existing:**

| Sl. No. | RFx No | Equipment | Qty | Warranty | CMC |
|---------|------------|--------------------------------------|-----|----------|---------|
| 2 | 3000002154 | Automated microbial detection system | 1 | 5 years | 5 years |
| 6 | 3000002163 | Anaerobic workstation | 3 | 5 years | 5 years |

Read as:

| Sl. No. | RFx No | Equipment | Qty | Warranty | CMC |
|---------|------------|--|-----|----------|---------|
| 2 | 3000002154 | Automated <i>mycobacterial identification and susceptibility testing system</i> | 1 | 5 years | 5 years |
| 6 | 3000002163 | <i>Automated</i> Anaerobic System | 3 | 5 years | 5 years |

**Section VII
Technical Specification**

**Item No. 01
Automated Bacterial Identification and Antibiotic Susceptibility testing system
(Rfx no. 300002152)**

| Sl. No | Para | Existing Specification | Read as |
|--------|------|--|--|
| 1 | 4a | Should be on disposable sealed, bar coded cards (ready to use) with pre-filled reagents | Should be on disposable, bar coded cards/panels/Reagents (ready to use). |
| 2 | 5a | It should have different cards/Reagents for identification and susceptibility testing, depending on the user. | It should have different cards/panels/Reagents for identification and susceptibility testing, depending on the user. |
| 3 | 6a | Identification and susceptibility testing of Gram negative, Gram positive and Yeast | Identification and susceptibility testing of Gram negative & Gram positive bacteria |
| 4 | 6b | Identification cards for Anaerobes, ESBL confirmation, MRSA Confirmation, Neisseria & Haemophilus sp | Identification cards/panels/reagent for yeast , Anaerobes, ESBL confirmation, MRSA Confirmation, Neisseria & Haemophilus sp |
| 5 | 7a | The system should have capacity of processing minimum 60 panels at a time. | The system should have capacity of processing minimum 40 panels at a time. |
| 6 | 10a | System to be compatible with cost effective test cards to avoid any extra costs of additional Reagents. | Deleted |
| 7 | 15a | Should be windows based, user friendly with touch screen key pad. | Should be windows based, user friendly with touch screen/ key pad . |

**Item No. 04
Microscope Florescent with camera & accessories
(Rfx no. 300002161)**

| Sl. No | Para | Existing Specification | Read as |
|--------|------|---|--|
| 1 | 4 | Siedentopf design super wide filed Trinocular eyepiece tube which should be inclined at 25 degree angle with field of vision (F.O.V.) should be 22mm/25 mm or better. | Siedentopf design super wide filed Trinocular eyepiece tube which should be inclined at 25/30 degree angle with field of vision (F.O.V.) should be 25 mm or better. |
| 2 | 5 | Should be anti-fungus type 10X (2pcs) eyepiece lens with both sides Diopter adjustment (F.O.V. 25mm) should be Anti Fungus type High numerical aperture (N A) plan achromatic objective (Japanese/ German type) Objective N.A W.D. 4X 0.10mm 30mm 10X 0.30mm 16.0mm 40X 0.75mm 0.72mm 100x Oil 1.30mm 0.2mm. | Should be anti-fungus type 10X (2pcs) eyepiece lens with both sides Diopter adjustment (F.O.V. 25mm) should be Anti Fungus type High numerical aperture (N A) (Japanese/ German type) Objective: Plan achromatic 4X NA 0.10mm Plan achromatic 10X NA 0.25mm |

| Sl. No | Para | Existing Specification | Read as | | | | | | | | | | | | | | | |
|-----------|------------|---|---|-----|------|----|--------|------|-----|--------|--------|-----|--------|--------|----------|--------|-------|----------------|
| | | | Plan fluor 40X 0.75mm Plan fluor 100x Oil NA 1.30mm | | | | | | | | | | | | | | | |
| 3 | 5 table | <table border="1"> <thead> <tr> <th>Objective</th> <th>N.A</th> <th>W.D.</th> </tr> </thead> <tbody> <tr> <td>4X</td> <td>0.10mm</td> <td>30mm</td> </tr> <tr> <td>10X</td> <td>0.30mm</td> <td>16.0mm</td> </tr> <tr> <td>40X</td> <td>0.75mm</td> <td>0.72mm</td> </tr> <tr> <td>100x Oil</td> <td>1.30mm</td> <td>0.2mm</td> </tr> </tbody> </table> | Objective | N.A | W.D. | 4X | 0.10mm | 30mm | 10X | 0.30mm | 16.0mm | 40X | 0.75mm | 0.72mm | 100x Oil | 1.30mm | 0.2mm | Deleted |
| Objective | N.A | W.D. | | | | | | | | | | | | | | | | |
| 4X | 0.10mm | 30mm | | | | | | | | | | | | | | | | |
| 10X | 0.30mm | 16.0mm | | | | | | | | | | | | | | | | |
| 40X | 0.75mm | 0.72mm | | | | | | | | | | | | | | | | |
| 100x Oil | 1.30mm | 0.2mm | | | | | | | | | | | | | | | | |
| 4 | 7 | Coarse:- 14mm/ rotation | Coarse: 9-14 mm / rotation or better | | | | | | | | | | | | | | | |
| 5 | 12 | High intensity transmitted fluorescence system light emitting diode (LED) blue and green wavelengths. | High intensity transmitted LED and fluorescence system light emitting diode (LED)/ Mercury 130 W system. | | | | | | | | | | | | | | | |
| 6 | 11 | Built-in auto photo preset switch | Built-in auto photo preset switch/ software control | | | | | | | | | | | | | | | |
| 7 | 13 | Lifespan of LED should be more 30,000 hrs | Lifespan of Transmitted LED should be at least 40,000 hrs and Fluorescence LED/Mercury Lamp should be at least 10000 hrs (Additional bulbs to be provided to meet the requirement) | | | | | | | | | | | | | | | |
| 8 | 14 | Six fluorescence filter blocks in rotating turret which should prevent stray light from the reflector from entering the optical path. | 4-6 fluorescence filter blocks in rotating turret which should prevent stray light from the reflector from entering the optical path. | | | | | | | | | | | | | | | |
| 9 | 18 | Cooled CCD camera with 12.5 mega pixels . The cooling temperature of the CCD should be minimum 10° C irrespective of room temperature. | Cooled CCD/CMOS camera with at least 5 mega pixels . The cooling temperature of the CCD should be minimum 10° C irrespective of room temperature. | | | | | | | | | | | | | | | |
| 10 | 19 | Image analysis software for histological application | Image analysis software for histological application (eg. Licensed image analysis software with measurement, counting, intensity profiling etc) | | | | | | | | | | | | | | | |

**Item No. 05
Inverted Research Microscope
(Rfx no. 300002162)**

| Sl. No | Para | Existing Specification | Read as |
|--------|------|---|--|
| 1 | A | Para A; Microscope Body: Microscope body with Infinity optical corrected optical system, Extendable optical free space up to 80 mm for attaching other attachment in future, facility for 3 way (100:0, 50:50 , 0:100 left port) or more light distribution of light, | Amended as: Microscope body with Infinity optical corrected optical system, Extendable optical free space up to 80 mm for attaching other attachment in future, facility for 2 way (100:0, 0:100 left port) or more light distribution of light, up/down focusing, |

| Sl. No | Para | Existing Specification | Read as |
|--------|------|---|--|
| | | up/down focusing, trinocular tube for attaching the camera, trinocular with built-in Bertrand lens & dark slide shutter along with dioptre adjustment facility suitable for tissue culture. | trinocular tube for attaching the camera, trinocular with built-in Bertrand lens & dark slide shutter along with dioptre adjustment facility suitable for tissue culture. It should have intermediate optical magnification of 1.5X to 2X |
| 5 | G | Objectives: Plan achromatic Objectives suitable for Bright field/Phase Contrast/fluorescence/ DIC Observation with facility of cover glass correction . 4X (N.A.0.10, W.D.30mm), 10X (N.A.0.25, W.D.6.2mm), 20X (N.A.0.45, W.D.8.2-6.9mm), 40X (N.A.0.6, W.D.3.6-2.8mm) | Plan achromatic Objectives suitable for Bright field/Phase Contrast/fluorescence/ DIC Observation with facility of corr/collar correction . Achromat 4X (N.A.0.10, W.D.25mm), Achromat 10X (N.A.0.25, W.D.6.2mm), Plan Fluor 20X (N.A.0.45, W.D.8.2-6.9mm), with Phase Plan Fluor 40X (N.A.0.6, W.D.3.6-2.8mm) with DIC. |
| 7 | I | Digital Camera: Digital Colour Camera capable of Handling Very Low Light, Fluorescence, Darkfield or Dic Images with 2/3" High Density CCD Chip, Approx. 12.0 Million pixel resolution (2200 TV Lines), 15 f/p/s with full screen Size, Cooling 10°C below Ambient, 12-Bit Digitization, Exposure Time 1/16,000 to 60 sec., Dynamic Range 2000:1, USB port for attaching camera onto Desktop/Laptop through single wire. | Digital Camera: Digital Colour Camera capable of Handling Very Low Light, Fluorescence, Darkfield or Dic Images with 2/3" High Density CCD/CMOS Chip, Approx. 12.0 Million pixel resolution (2200 TV Lines), 15 f/p/s with full screen Size, Cooling 10°C below Ambient, 12-Bit Digitization, Exposure Time 1/16,000 to 60 sec., Dynamic Range 2000:1, USB port for attaching camera onto Desktop/Laptop through single wire. |
| 8 | K | Consumables: Mercury lamp 1 No. and Halogen Lamp 6 Nos. All the products have to be from same manufacturer for better compatibility. | Consumables: Mercury lamp 1 No. All the products have to be from same manufacturer for better compatibility. |
| 9 | L | Should be FDA or CE or BIS approved product | Should be USFDA or European CE or BIS with ISO 13485 approved product |

Item No. 06
Automated Anaerobic System
(Rfx no. 300002163)

| Sl. No | Para | Existing Specification | Read as |
|--------|------|---|---|
| 1 | 1 | Fully automatic, microprocessor controlled, table top work station for anaerobic bacterial culture (Clinical/diagnostic work) | Fully automatic, microprocessor controlled anaerobic bacterial culture system (Clinical/diagnostic work) |
| 2 | 5 | All controlled conditions like Capnophilic , anaerobic & Micro-aerophilic be created within 60 seconds, should be reproducible and stay within 0.5% of the desired value | All controlled conditions anaerobic & Micro-aerophilic be created within 60 seconds, should be reproducible and stay within 0.5% of the desired value |

| Sl. No | Para | Existing Specification | Read as |
|--------|------|--|--|
| 3 | 6 | Minimum 30 programs to be customized as per user requirements | Deleted |
| 4 | 14 | Accurate temperature control: +5 – 45 deg C with automatic humidity control without dry spot | Deleted |
| 5 | Nil | Added Para | It should be compatible with Printer attachment |

All other contents of the tender enquiry including terms & conditions remain unaltered.

Note:

Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids