

(राष्ट्रीय पशु जैव प्रोद्योगिकी संस्थान)

National Institute of Animal Biotechnology

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**Corrigendum -- Change of Date & Specifications**

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*Please refer NIAB Tender Details as follows.* Tender ID : 2018\_DBTEC\_419126\_1

Tender Reference Number : NIAB/SP/2018-19/81

Tender Title : Super Resolution Microscope

The following changes may please be noted before submission of bids with respect to the tender details mentioned above.

Revised /New changes in specifications

Specification in place of Existing old specifications --- **Read As** : - Annexure -1 (as attached below)

The specification mentioned below should be treated as revised specification and bid must be submitted accordingly.

Rest of the tender conditions remains same.

Manager (S&P)  
NIAB-Hyderabad  
Date:- 07/01/2019

<b>Change of Specification</b>		<b>Annexure-1</b>
<b>Specification No.</b>	<b>Existing Specification</b>	<b>Modified Specification</b>
Name of the Item	HIGH RESOLUTION & SENSITIVE SPECTRAL CONFOCAL WORKSTATION WITH SUPERRESOLUTION IMAGING	HIGH RESOLUTION & SENSITIVE SPECTRAL CONFOCAL WORKSTATION WITH SUPERRESOLUTION IMAGING

**B. Confocal imaging unit with **built-in or separate** high sensitive detectors**

d)	Scan speed should be 7-10 fps or better @ 512x512. The scan head should be able to perform fast dynamic live cell time lapse imaging with a high speed of <b>100 fps or better @512X 32/64 resolution.</b>	Scan speed should be 7-10 fps or better @ 512x512. The scan head should be able to perform fast dynamic live cell time lapse imaging with a high speed of <b>100 fps or better @512X 16 resolution.</b>
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**C. Laser module with AOTF control: Gas/Solid**

a)	Gas/Solid Laser with 5 year Warranty	Gas/Solid Laser with 5 year Warranty
b)	Blue diode (UV) Laser 405/408nm. With <b>30mW or above</b>	Blue diode (UV) Laser 405/408nm. With <b>30mW or above</b>
c)	Laser line for 458/488nm. With <b>20mW or above</b>	Laser line for 458/488nm. With <b>20mW or above</b>
d)		
e)	Laser for 514nm. With <b>20mW or above</b>	Laser for 514/532nm. With <b>20mW or above</b>
	Laser 561 nm. With <b>20mW or above</b>	Laser 561/552 nm. With <b>20mW or above</b>
	Laser 633 nm. With <b>10mW or above</b>	Laser 633 nm. With <b>10mW or above</b>
	Laser 594nm. (optional)	Laser 594nm. (optional)

**D. Optional TCSPC/ FCS/FCCS system for single molecule detection:** (Price will be used for comparisons) **D. Optional TCSPC/ FCS/FCCS system for single molecule detection**

**E. Real-time Super Resolution Imaging with hardware attachment of SIM/Airy scan/STED**

	Frame rate of 7/10 fps@512X512 or better and should improve to 100 fps @512X64 and ROI in SR mode without compromise on the lateral and axial resolution mentioned above.	Frame rate of 7/10 fps@512X512 or better and should improve to 100 fps @512X16 and ROI in SR mode without compromise on the lateral and axial resolution mentioned above.
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