



भारतीय ताराभौतिकी संस्थान  
INDIAN INSTITUTE OF ASTROPHYSICS

विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्वायत्त निकाय

An Autonomous Body under Department of Science and Technology, Government of India  
द्वितीय ब्लॉक Second Block, कोरमंगला Koramangala, बेंगलूरु Bengaluru - 560 034

Ref : RFT/IMP/026/18-19.

August 13, 2018.

CORRIGENDUM - 1

Sub : "High frame rate sCMOS Camera Size:1k x 1k or 2k x 2k - reg.  
Ref: RFT/IMP/026/18-19 Dt.03/08/2018..

**For Existing entry - Description in Brief:**

High frame rate sCMOS Camera, size:1k x 1k or 2k x 2k, Pixel size: greater than 6 um, read noise: less than 1-2 electrons, Air cooling : -10o to -30o C, Peak quantum efficiency in visual band : greater than 60, Read out speed: greater than 100 fps (full frame) Bit resolution: 8, 12, 16 bits (Dark cur (...)

**READ:**

High frame rate sCMOS Camera,Size: 1kx1k or 2kx2k  
Pixel size: greater than 6 µm,Read Noise: less than 1-2 electrons  
Air cooling: -10 to -30 deg C,  
Peak quantum efficiency in visual band: greater than 60  
Read outspeed: greater than 100 fps (full frame)  
Bit Resolution: 8, 12, 16 bits,Dark current: < 1e/pixel/sec  
Binning option: YES,ROI Option: Yes  
Mount type: C or F mount  
Camera connectivity: USB 3.0 and Camera Link  
Full Well Capacity: > 25k  
Software: c/c++/Python/LabVIEW libraries  
Camera Link card to be included

All other terms and conditions as mentioned in the Tender /RFP remain unchanged.

*W.P.W.*  
*13/08/18*  
Stores & Purchase Officer  
IIA, Bengaluru - 560 034.

