



TRANSPARENCY INTERNATIONAL-PAKISTAN

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4th June, 2018

TL18/0406/7A

Chief Secretary,
Government of Punjab,
Lahore.

Sub: Violation of Punjab Procurement Rules 2014, Complaint received against 'Infrastructure Development Authority Punjab' Regarding Technical Observation/ Objection in Tender for Purchase of Microscope Lot No. 11-B1 for PKLI and RC, Lahore Due Date 24.05.2018 Extended to 30.05.2018.

Dear Sir,

Transparency International Pakistan has received a complaint from M/s Qualitron Corporation dated 31st May, 2018, against IDAP, regarding Technical Observation/ Objection in tender for 'Purchase of Microscope Lot No. 11-B1 for PKLI and RC, Lahore' due date 24.05.2018 extended to 30.05.2018. The complaint (annexure) is enclosed for your ready reference.

The complainant has alleged that;

The specifications for microscopes in Lot No. 11-B1 are too customized to favor a particular brand of microscopes and their exclusive distributor in Pakistan. The catalog of the favored vendor is attached.

TIP's observation is that prima facie it is a violation of Punjab Procurement Rules 2014, Rule No. 10(2). Rule is quoted below:

10. Specifications: - (2) The Specifications shall be generic and shall not include references to brand names, model numbers, catalogue numbers or similar classifications but if the procuring agency is satisfied that the use of, or a reference to, a brand name or a catalogue number is essential to complete an otherwise incomplete specification, such use or reference shall be qualified with the words "or equivalent".

Chief Secretary, Government of Punjab is requested to kindly examine the complaint, and if found genuine direct the concerned department to re-invite the tender as per Punjab Procurement Rules 2014 and take necessary action against all those officers involved in corrupt practices.

Transparency International Pakistan is striving for across the board application of Rule of Law, which is the only way to stop corruption.

With Regards,

Justice Zia Perwez
Former Judge of Supreme Court of Pakistan and High Court of Sindh
Trustee- TI-Pakistan

Copies forwarded for the information with request to take action under their mandate to:

1. Chief Minister, Government of Punjab, Lahore
2. Director General, NAB, Lahore.
3. Registrar, Lahore High Court, Lahore.
4. Managing Director, Punjab PRA, Lahore.
5. CEO, IDAP, Lahore.



QUALITRON CORPORATION

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Ref. # BF-24/NIKON/SHZ



May 31, 2018

Infrastructure Development Authority of the Punjab (IDAP)
50 B-3, Gulberg III
Lahore - 54660, Pakistan

SUBJECT : TECHNICAL OBSERVATION/ OBJECTION

Reference : Tender for Purchase of Microscope lot no. 11-B1 for PKLI & RC, Lahore due date
24.05.2018 extended to 30.05.2018.

Dear Sir,

We Qualitron Corporation are a 48 year old company representing Nikon Corporation Japan for their entire range of microscopes in Pakistan. We have supplied a large number of microscopes in advance laboratories of the top institutes of the country such as Aga Khan Hospital, KEMU, LUMS, CMH, Jinnah Hospital, LGH, KMU Peshawar. We are also a qualified supplier for the Primary & Secondary Healthcare Department – Govt of Punjab.

We are surprised to learn that the specifications for microscopes in lot no. 11-B1 are too customized to favor a particular brand of microscopes and their exclusive distributor in Pakistan. This will discourage healthy competition and result in the increase of cost price for IDAP due to absence of price competition.

Our observations are enclosed with this letter as Annexure A and we have also attached the catalog pages of the brand as Annexure B (proof that the tender specifications are almost mirror image of their catalog).

It is important to note here that the locked specifications are mentioned in the tender not as necessary for the user but just to monopolize the brand's position in this tender bid, as knockout clauses. The locked specifications will prevent good brands like Nikon and others to compete on equal grounds.

We request you to call a Pre-bid meeting with all the interested bidders to **finalize the generalized specifications** after everyone's feedback before the tender due date i.e June 12, 2018.

We look forward to your necessary action.

Kind regards,

Shahzad Tazam Shaikh
Director

BF-IDAP/SS

DP80 specifications

Item	Specifications	
Camera type	Color/Monochrome 2-CCD camera Pixel shifting only for color CCD Cooling system: Peltier device (max. 10°C below 0°C)	
Image sensor	Size (Color) 2/3 inch, 1.45 mega pixels color CCD (RGB color on chip filter (Bayer)) (Monochrome) 2/3 inch, 1.45 mega pixels monochrome CCD	
	Scanning mode	Progressive scan
Camera mount	B4-mount/2/3 inch Bayonet mount	
Exposure control	Mode	Auto, SFL, Auto, Manual
	Adjustment	±2.0 EV step, 1/3 EV
	Exposure time	23 μs to 60 s
Metering modes	Full image, 30%, 1%, 0.1%	
Binning	2x2, 4x4	
Live frame rate	1380 x 1024 (1x1), 15 fps; 680 x 512 (1x1), 15 fps 680 x 912 (2x2), 29 fps; 340 x 250 (4x4), 57 fps	
Color	Image Resolution (Centering OFF) 4080 x 3072 (Pixel shift) 2040 x 1536 (Pixel shift) (Centering ON)** 1380 x 1024 (1x1), 680 x 512 (1x1) 680 x 912 (2x2), 340 x 250 (4x4)	[Centering ON]** 3648 x 2736 (Pixel shift) 1824 x 1368 (Pixel shift) 1216 x 912 (1x1), 608 x 456 (1x1) 608 x 456 (2x2), 304 x 228 (4x4)
	ISO Sensitivity	ISO200/400/800/1600 equivalent
	A/D	14 bit *Number of effective bit: 12 bits@18 bit mode image
	Image acquisition time*	4080 x 3072: approx. 3.3 s, 1380 x 1024: approx. 0.3 s
	Color space	sRGB, AdobeRGB (only for color CCD)
	Monochrome	Image Resolution (Centering OFF) 1380 x 1024 (1x1), 680 x 512 (1x1) 680 x 912 (2x2), 340 x 250 (4x4)
Gain		x0.5/x1/x2/x4/x8/x16
A/D		14 bit *Number of effective bit: 14 bits@18 bit mode image
Full well capacity		17000e- (Gain 0.5x)
Readout noise		7e-
Dynamic range		2300:1 (Gain 0.5x)
Quantum efficiency		65% (600 nm)
Dark current		0.4e-/pixel/s (T=25 degree C)
Image acquisition speed*		1380 x 1024: approx. 7.7 fps, 680 x 512 (2x2): approx. 14.3 fps 340 x 250 (4x4): approx. 20 fps
Image file format		File formats supported by cellSens software
Dimensions/weight	Camera head	133 mm(W) x 130 mm(D) x 139 mm(H) / approx. 2.5 kg
	Interface cable	Approx. 2.9 m / approx. 0.23 kg
	External trigger cable	Approx. 0.2 m / approx. 40 g

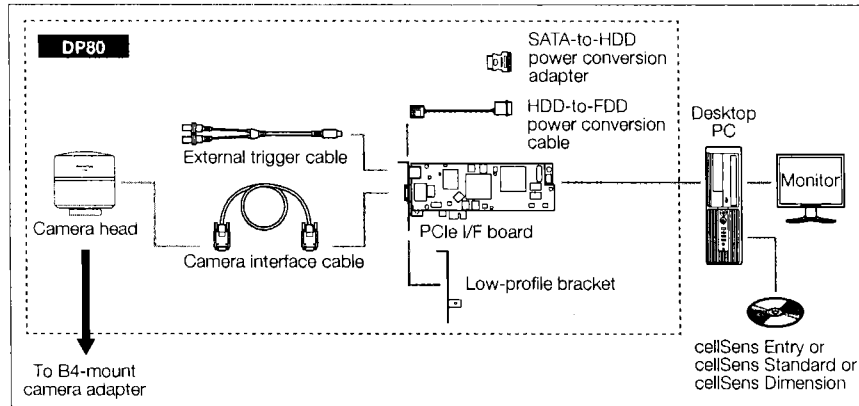
* Image acquisition time and speed may be reduced if exposure time increases or several tasks are active in the background.
** "Centering" is a camera function which aligns the positions of the color and monochrome CCD sensors.

DP80 system requirement

	PC/AT compatible
CPU	Intel Core i5 / Intel Core i7 / Intel Xeon
RAM	4 GB or more (8 GB recommended for high speed image acquisition)
HDD	Free space of 32 GB or more (at the time of installation)
Graphics	1280 x 1024 (min.) / 1024 x 768 monitor resolution with 32 bit video card with separate graphics memory (or integrated graphics processor with shared memory)
Extension slot	PCI Express x1 Rev. 1.0a or later Compatible with half size or Low Profile PCIe board (105.7 mm x 174.6 mm)
OS	Windows 10 Pro (64 bit) Windows 8.1 Pro (64 bit) Windows 7 Professional/Ultimate with SP1 (64 bit)
Power supply	250 W or more Unoccupied HDD power cable, HDD power cable (4-pin size), or Serial ATA power cable must be available

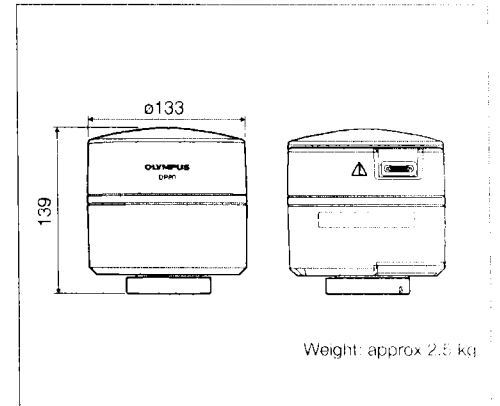
* Please use computers that conform to the regulations for your region.

DP80 System Diagram



DP80 Camera Head Dimension

(Unit: mm)



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OLYMPUS

For enquiries - contact
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OLYMPUS AUSTRALIA PTY. LTD.
3 Acacia Place, Notting Hill VIC 3188, Australia

BX53 SPECIFICATIONS

Microscope Frame	Optical System	UIS2 optical system
	Focus	Vertical stage movement: 25 mm stage stroke with coarse adjustment limit stopper, torque adjustment for coarse adjustment knobs, stage mounting position variable, high sensitivity fine focusing knob (minimum adjustment gradations: 1 µm)
	Illuminator	Built-in Koehler illumination for transmitted light, light preset switch, light intensity manager switch, high color reproductivity 14 W LED light source (Brightness: equivalent to or brighter than a 100W halogen lamp, LED light emission method: 405nm excited RGB fluorescence substance)
Revolving Nosepiece		Interchangeable reversed quintuple/coded quintuple/sextuple/septuple/coded sextuple/coded septuple nosepiece
Observation Tube	Widefield (FN 22)	<ul style="list-style-type: none"> Widefield tilting trinocular Widefield trinocular Widefield tilting binocular Widefield tilting, telescoping and lifting binocular Widefield ergo binocular Widefield binocular
	Super Widefield (FN 26.5)	<ul style="list-style-type: none"> Super widefield trinocular Super widefield erect image tilting trinocular
Stage		Ceramic-coated coaxial stage with left or right hand low drive control: with rotating mechanism and torque adjustment mechanism, optional rubber grips and stage handle extension adapter available (non stick grooved coaxial, plain, rotatable stages are also available)
Condenser		<ul style="list-style-type: none"> Abbe (NA 1.1), for 4X–100X Swing out Achromatic (NA 0.9), for 1.25X–100X (swing-out: 1.25X–4X) Achromatic Aplanatic (NA 1.4), for 10X–100X Phase contrast, darkfield (NA 1.1), [phase contrast: for 10X–100X, darkfield: for 10X–100X (up to NA 0.80)] Universal (NA 0.9), for 1.25X–100X [swing-out: 1.25X–4X, with oil top lens:(NA 1.4)] Low (NA 0.75), for 2X–100X (Dry) Ultra low (NA 0.16), for 1.25X–4X Darkfield dry (NA 0.8–0.92), for 10X–100X Darkfield oil (NA 1.20–1.40), for 10X–100X
Fluorescence Illuminator		<ul style="list-style-type: none"> Multi-purpose coded type (FN 22, 8-position mirror unit turret, 4-position ND slider) Economical type (FN 26.5, 8-position mirror unit turret)
Fluorescence Light Source		100 W Hg apo lamp housing and transformer, 100 W Hg lamp housing and transformer, 75 W Xe lamp housing and transformer or 130 W Hg light guide illumination

BX43 SPECIFICATIONS

Microscope Frame	Optical System	UIS2 optical system
	Focus	Vertical stage movement: 25 mm stage stroke with coarse adjustment limit stopper, torque adjustment for coarse adjustment knobs, stage mounting position variable, high sensitivity fine focusing knob (minimum adjustment gradations: 1 µm)
	Illuminator	Built-in Koehler illumination for transmitted light, light intensity manager switch, high color reproductivity 2 W LED light source
Revolving Nosepiece		Interchangeable reversed quintuple/coded quintuple/sextuple/septuple/coded sextuple/coded septuple nosepiece
Observation Tube	Widefield (FN 22)	<ul style="list-style-type: none"> Widefield tilting, telescopic and lifting binocular Widefield tilting trinocular Widefield trinocular Widefield erect image trinocular Widefield tilting binocular Widefield ergo binocular Widefield binocular
	Super Widefield (FN 26.5)	<ul style="list-style-type: none"> Super widefield trinocular Super widefield erect image tilting trinocular
Stage		Ceramic-coated coaxial stage with left or right hand low drive control: with rotating mechanism and torque adjustment mechanism, optional rubber grips and stage handle extension adapter available (non stick grooved coaxial, plain, rotatable stages are also available)
Condenser		<ul style="list-style-type: none"> Abbe (NA 1.1), for 4X–100X Swing out Achromatic (NA 0.9), for 1.25X–100X (swing-out: 1.25X–4X) Achromatic Aplanatic (NA 1.4), for 10X–100X Phase contrast, darkfield (NA 1.1), [phase contrast: for 10X–100X, darkfield: for 10X–100X (up to NA 0.80)] Universal (NA 0.9), for 1.25X–100X [swing-out: 1.25X–4X, with oil top lens:(NA 1.4)] Low (NA 0.75), for 2X–100X (Dry) Ultra low (NA 0.16), for 1.25X–4X Darkfield dry (NA 0.8–0.92), for 10X–100X Darkfield oil (NA 1.20–1.40), for 10X–100X

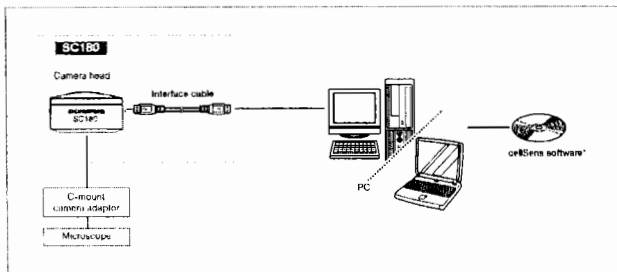
BX46 SPECIFICATIONS

Microscope Frame	Optical System	UIS2 optical system
	Focus	Fixed low stage nosepiece focus 15 mm focus stroke with coarse adjustment limit stop Torque adjustment for coarse adjustment knobs High sensitivity fine focusing knob (adjustment gradations: 1 µm)
	Illuminator	Built-in Koehler illumination for transmitted light, light intensity manager switch, high color reproductivity 2 W LED light source
Revolving Nosepiece		Fixed reversed coded quintuple nosepiece
Observation Tube	Widefield (FN 22)	<ul style="list-style-type: none"> Widefield tilting trinocular Widefield trinocular Widefield tilting binocular Widefield tilting, telescopic, lifting binocular Widefield ergo binocular Widefield binocular
Stage		Ceramic-coated coaxial stage with left or right hand low drive control, rotating mechanism and torque adjustment mechanism (low torque, plain, rotating stages are also available)
Condenser		Built-in condenser (NA 0.9) 1.25X–100X (swing out: 1.25X–2X)

BX53/BX43/BX46 SPECIFICATIONS

Operating Environment	<ul style="list-style-type: none"> Indoor use Ambient temperature : 5° to 40°C (41° to 104° F) Maximum relative humidity : 80% for temperatures up to 31°C (88°F), decreasing linearly through 70% at 34°C (93°F), 60% at 37°C (99°F), to 50% relative humidity at 40°C (104°F) Supply voltage fluctuations : not to exceed ±10 % of the normal voltage
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SC180 SYSTEM DIAGRAM



* cellSens software is not for clinical diagnostic use.

SC180 SPECIFICATIONS

Image Sensor	Color CMOS
Sensor size	1/2.3 inch (8.140 mm x 4.605 mm)
	4912 x 3084 pixels (4:3)
Resolution (max.)	3840 x 2160 pixels (4K UHD 16:9)
	1920 x 1080 pixels (Full HD 16:9)
Pixel size	1.25 μm
Binning	2 x 2, 4 x 4
A/D Converter (Bit Depth)	12 bits
Exposure Times	22 μs-1s
	10.5 fps at 4,912 x 3,684 pixels (4:3)
	23.0 fps at 2,456 x 1,842 pixels (4:3)
	45 fps at 1,224 x 920 pixels (4:3)
Live Frame Rates	14 fps at 4,912 x 2,762 pixels (16:9)
	25 fps at 3,840 x 2,160 pixels (4K UHD 16:9)
	31 fps at 1,920 x 1,080 pixels (Full HD 16:9)
	69 fps at 1,224 x 868 pixels (16:9)
Cooling System	Passively cooled
External Trigger	□
Data Transfer	USB 3.0
Color Profiles	Olympus real-time ICC color profiles
Partial Readout	W
	USB 3.0 Interface
	4K UHD and Full HD support, 16:9 aspect ratio
	Automatic White Balance (AWB)
Remarks	Focus Peaking, Manual Focus Assist
	OSIA - Olympus Smart Image Averaging (active noise reduction)
	Fast Live (high frame rate in low light condition)
	Microsoft Windows® 10 (64 bit only)
PC Control	Microsoft Windows® 8.1 (64 bit only)
	Microsoft Windows® 7 (64 bit only)
Dimensions (W x D x H)	68 mm x 58 mm x 32 mm
Weight	Approx. 188 g
Camera Mount	C-mount

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