



All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29.
(STORES SECTION (DO))



Ref. No.XX-66/Stores (DO)/Anat./2016-17/FSC-IV.

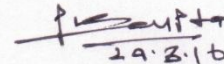
Dated: 29th August, 2016

Subject: Purchase of "Attachment/Accessories for Existing Nikon Ti-S Inverted Microscope" for the department of Anatomy at AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The Institute is in the process to purchase "Attachment/Accessories for Existing Nikon Ti-S Inverted Microscope" for the department of Anatomy at AIIMS, New Delhi-29 from M/s.Nikon Corporation, Japan on proprietary basis. The proposal submitted by M/s. Towa Optics (india) Pvt. Ltd., New Delhi and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference No.XX-66/Stores (DO)/Anat./2016-17/FSC-IV. The comments should be received by office of Stores Officer (DO), Store Section, Animal House Building, Near Biotechnology Building at AIIMS on or before 15-09-2016 upto 12.30 p.m., failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,


19.8.16

SR.STORES OFFICER

Encl: Related documents enclosed.

Nikon

Tokyo, July, 15, 2016

THE DIRECTOR
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-29
INDIA.

REF. YOUR TENDER NO. XX-66/SO(DO)/Anat/2016-17/FSC-III
ITEM: PURCHASE OF ATTACHMENT/ACCESSORIES FOR EXISTING NIKON TI-S INVERTED MICROSCOPE.
DATE OF SUBMISSION: On or before 26/07/2016 UTPO 12.30 P.M.
DATE OF OPENING TECHNICAL BID : 29/07/2016 AT 10.30 A.M.

SUBJECT: PROPRIETARY CERTIFICATE.

PROPRIETARY CERTIFICATE

This is to certify that the item quoted by our Indian agent M/S Towa optics (India) Pvt. Ltd, New Delhi India i.e. Accessories for existing Nikon Inverted Microscope Model Ti-S:

- (i) TI-BS Eyepiece Tube Base Unit with side-port.
- (ii) DS-Qi2 Monochrome Microscope Camera.
- (iii) CFI Plan Apochromat Lambda 20X.
- (iv) CFI Plan Apochromat Lambda 40X.
- (v) C-FL-C FITC Filter Cube.
- (vi) C-LHGFI HG Lamp.

Vide their Proforma invoice no. TW/NK/DG-SY/16/2421 Dated 22/07/2016 is solely manufactured by us. These items are proprietary to Nikon and solely manufactured by us at our factory in Japan.

Very truly yours,
Nikon Corporation


Authorized Signatory

RESEARCH SECTION

1. Item/Type/Model No. required along with specifications	Accessories of Existing Inverted Microscope Ti-s
2. Is the item a spare part attachment or accessory for an existing equipment.	Yes
3. Name of the Manufacturers/supplier of the item proposed by the indenter.	M/s Nikon Corporation, Japan
4. Are they sole manufacturers/sold distributors of the item.	Yes
5. Is there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from these offered by other.	No
6. What were the efforts made to locate alternative source of supply or use other substitutes.	It was tendered to explore the possibility to enhance competition. Received only single response.
7. Why open/limited tender can't be restored to, for locating alternative source.	No alternative source available
8. Are the proprietary items certifying that the rates are reasonable or not.	Rates are reasonable
9. Any other justification for procuring item from single source.	No other source

Renu Chingra
Signature of Indentor
(Demanding Officer)

Dr. Ramesh Chandra
Professor
Department of Anatomy
A.I.I.M.S., New Delhi-110029

Praveen Kumar

Daravankle Ray
COUNTERSIGNED
(Head of the Department)

19/8/16
डॉ. टी. एस. रॉय / Dr. T. S. Roy, M.D., PhD
प्राचार्य एवं अध्यक्ष / Professor & Head
शरीर रचना विज्ञान विभाग / Dept. of Anatomy
अ.भा.आ.सं. नई दिल्ली, भारत / AIMS, New Delhi, India

[Handwritten signature]
अंसरी नगर, नई दिल्ली-29 / Ansari Nagar, New
Delhi
डॉ. अमित कुमार शर्मा / Dr. Amit Kumar Sharma
प्रोफेसर / Professor
आयुर्वेद विभाग / आयुर्वेद विभाग / Department of Administration
अखिल भारतीय आयुर्विज्ञान संस्थान, AIIMS
अंसरी नगर, नई दिल्ली / Ansari Nagar, N.D.-110029

Specifications for attachments /accessories for existing Nikon Inverted microscope Ti-S model

- 1) Eyepiece Tube Base: Eyepiece tube base unit with side port / TV port for camera attachment with complete required accessories for Nikon Inverted microscope model Ti-S.
- 2) CAMERA: Digital scientific grade monochrome camera with high resolution, high sensitivity with live display facility: Digital CMOS Camera system having high resolution scientific CMOS camera of Chip size should-be (36X23mm), resolution of at-least 16 MP or more, Pixel size 7 μ m or better, 25-40 frame per second live display, quantum efficiency more than 70%, sensitivity ISO 800 or more, Live cell imaging with Suitable "F" mount Adapter.
- 3) Objective:
 - a) Plan Apo 40X wavelength corrected, N.A 0.95, W.D 0.21mm (0.25-0.16) with correction ring, suitable for Bright field, and weak Fluorescence signal observation.
 - b) Plan Apo 20X wavelength corrected, N.A 0.75, W.D 1.0mm, suitable for Bright field, and weak Fluorescence signal observation.
- 4) Fluorescence Filter: Narrow band pass filter for FITC fluorescence filter dimension should be suitable for NIKON Ti-S microscope fluorescent turret.
- 5) Fluorescent illumination: 130W mercury Fluorescent bulb, life span of 2,000hrs or more.
- 6) Note: Above desired specification should be compatible with NIKON Inverted microscope model Ti-S.

Renu Dhangra
Dr. Renu Dhangra
Professor
Department of Anatomy
A.I.I.M.S., New Delhi-29

T. C. Nag
डॉ० तापस चन्द्र नाग/Dr. T. C. Nag
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आचार्य एवं अध्यक्ष/Professor & Ho
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अ.भा.आ.सं., नई दिल्ली, भारत/AIIMS, New Delhi, In

Punit Kaur
डॉ. पुनीत कौर / Dr. Punit Kaur
आचार्य एवं अध्यक्ष / Professor & Head
जैवभौतिकी विभाग / Deptt of Biophysics
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Amit
डॉ० अमित लठवाल/Dr. Amit Lathwal
सहायक आचार्य/Assistant Professor
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Dr. A. Shariff
डॉ० ए. शरीफ/Dr. A. SHARIFF
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अ.भा.आ.सं., नई दिल्ली/AIIMS, New Delhi-29

Dr. R. L. Luthra
Dr. R. L. Luthra, (P6-D)
Department of Biochemistry
All India Institute of Medical Sciences
New Delhi-110016

P.I. No. : TW/NK/DG-SY/16/2421

Date: 22/07/2016

Code No.	Description	Qty.	Unit Price	Total Price
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ACCESSORIES FOR EXISTING NIKON INVERTED MICROSCOPE MODEL TI-S

EYEPIECE TUBE WITH CAMERA PORT
MEB55820 TI-T-BS Eyepiece Tube Base Unit with side-port 1

NIKON DIGITAL MONOCHROME COOLED CAMERA MODEL DIGITAL SIGHT (DS-Qi2)

MQA17500 DS-Qi2 Monochrome Microscope Camera 1
Image Sensor: Nikon FX-format, Scientific Grade Monochrome CMOS sensor/
size: 36.0x23.9mm, Resolution 16.25mp
Recordable Pixels: 4908x3264 pixels (full-pixel), 1636x1088 pixel (3x3 pixel averaging)
Cooling method: Electronic cooling
ISO sensitivity: Standard: equivalent to ISO 800 (selectable from ISO800 to 51200 equivalent)
Quantum efficiency: 77%
Full well Capacity: 60000e-(typ.)
Readout noise: 2.2e- (typ.)
Dark Current: 0.6e-/p/s (Ta=25degree C) (typ.)
Live Display mode: Full pixel 4908x3264 pixel (max 6fps)/ 3x3 pixel averaging 1636x1088 (max 45fps)
Lens mount: F-mount
Exposure time: 100usec to 60 sec
Image format: BMP, TIFF, JPEG, etc. selectable in NIS-Elements
Interface: USB3.0 (Computer control connection) x1,
External sync input/output x1
AC ADAPTER 2/CN 1
Power Cord BE (220-240V) 1
L-shaped USB3.0 Cable 1
DS-F2.5 F-Mount Adapter 2.5x for DS Series 1
TI-BDTV2 F-TV Tube for F-Mount Adapter 1
S-DS Camera Trigger Cable Ri2/Qi2 1

OBJECTIVES

MRD00205 CFI Plan Apochromat Lambda 20X N.A. 0.75, W.D. 1.0 mm 1
Spring-loaded
MRD00405 CFI Plan Apochromat Lambda 40X N.A. 0.95, W.D. 0.21 mm 1
Spring-loaded, Cover glass correction: 0.11-0.23 mm

Towa Optics (India) Pvt. Ltd.

223, Okhla Industrial Estate, New Delhi- 110 020
Tel: 011- 47161000 (30 Lines), Fax: 011-41613775
Email: towa@towaoptics.com, Web: www.towaoptics.com
CIN No. : U74899DL1963PTC003902.

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29/7/16
10-2016



P.I. No. : TW/NK/DG-SY/16/2421
 Date: 22/07/2016

Code No.	Description	Qty.	Unit Price	Total Price
MBE44725	FLUORESCENCE FILTER C-FL-C FITC Filter Cube consisting of : Excitation Filter EX465-495 Dichroic Mirror DM505 Barrier Filter BA512-558	1		
MBF74650	130W HG LAMP C-LHGFI HG Lamp with life time of 2000 hrs OR two years from the date of shipment whichever is earlier	1		

NOTE: COMPUTER REQUIRED FOR IMAGE VIEWING AND IMAGE ANALYSIS.

**THE FOLLOWING COMPUTER WILL BE SUPPLIED
 FROM OUR END AT THE TIME OF INSTALLATION**

*** **Computer: Branded** 1
 i3 Processor with 4 GB RAM, 500 GB HDD,
 Keyboard, Optical Mouse, DVD Writer,
 18.5" TFT Monitor, OS: Window 7 professional
 along with 600 VA UPS

OPTIONAL OBJECTIVE

MRH00101 CFI Plan Fluor 10X N.A. 0.30, W.D. 16.0 mm 1

TOWA OPTICS (I) PVT. LTD.
 (AUTHORIZED SIGNATORY)

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 CIN No. : U74899DL1963PTC003902.

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