




Instituto do Petróleo e Geologia – Instituto Público (IPG)

REQUEST FOR QUOTATION Supply of Microscope

Public procurement procedure under the Decree Law No. 10/2005, of November 21, on the Provisioning Judicial Regime (PJR), as amended, and Decree-Law no. 12/2005, on the Legal Regime of Public Contracts, of 21 November, for the supply of **Microscope** for the Institute of Petroleum and Geology, IP of the Democratic Republic of Timor-Leste.

Please provide your quotation for the supply of **Microscope** and related services should be submitted to the Instituto do Petróleo e Geologia – Instituto Público (IPG), Rua Aimutin, Dili, Timor-Leste or by email to tlebre@ipg.tl or clopes@ipg.tl before 17:00 OTL, **04 August 2021**.

RFQ NAME		Supply of Microscope		RFQ No.	019/IPG-PROC/VII/2021
No	Description	Quantity	Unit Price	Total Price	
1	Supply of Microscope	1			
			TOTAL		
Delivery period <i>(to be completed by suppliers)</i>					
Final Delivery destination			Instituto do Petróleo e Geologia – Instituto Público (IPG), Rua Aimutin, Dili, Timor-Leste		
Warranty Period <i>(To be completed by suppliers)</i>					
Quotation validity period			60 days		
Manufacturers Authorization			Required		
Performance Security			5% of the total amount of the contract must be provided until goods are received by purchaser and will return it to vendor once the date of contract terminated.		
 <p>Gabriel C. A. de Oliveira President of IPG 21 July 2021</p>			(sign & stamp) Vendor's Authorized Officer Date		
We certify that we comply with eligibility requirements of instructions to vendor's clauses 2 ^a to 2d. (Overleaf). If our offer is accepted, we undertake (a) to deliver goods & services in accordance with our offer above (b) to abide by this quotation for the Validity Period stated above.					

Rua : Delta 1, Aimutin, Comoro
Dili, Timor Leste
Telp. (670) 3310-179
Website: www.ipg.tl

Specifications Required

Microscope

Specifications

Polarizing and reflected upright microscope eclipse Ci POL or equivalent with specification:

- Optical system CFI60 infinity
- Illumination 6V-30W halogen lamp; 6V-30W transformer build-in; ND8, ND4 filters build-in
- Focusing coaxial coarse/fine focus knob; focus stroke: 30mm; coarse: 9.33mm per rotation; fine: 0.1mm; minimum reading: in 1 μ m increments
- Eyepiece 10X (F.O.V. 22mm) Eyepiece tube P-TT3 trinocular tube for polarizing microscopy
- Intermediate tube build-in focusable Bertrand lens removal from optical path; conoscopic/orthoscopic observations switchable; analyzer build-in plate/compensator slot
- Analyzer 360° rotary dial; minimum reading angle 0.1°
- Nosepiece centering quintuple nosepiece (detachable); DIN slot
- Stage ball bearing rotary stage; rotatable 360° horizontally; can be fixed at a specific position; graduated 360° (in 1° increments); rotation clamp equipped; attachable mechanical stage: 35 x 25 mm travel; Vernier 0.1 mm
- Condenser dedicated strain-free swing-out type; P Achromat N.A. 0.9 polarizer no scale markings.

Objective: CFI achromat P 4X, P 10x, LWD P 20X, P40X, P 100x oil: CFI LU plan four EPI P 5X, 10X, 20X, 50X, 100X

Episcopic illuminator LV-UEPI-N universal Epi-illuminator with external power supply Compensators P-CL standard $\frac{1}{4}$ λ & tint, quartz wedge or senarmont compensator can be inserted into intermediate tube slot power consumption 0.8A/38W.

With accessory optional DS-Fi3 microscope camera, including power supply, USB 3.0 cable, C-mount adapter, NIS software, camera driver when specification:

- Image sensor 1/1.8-inch color CMOS image sensor. Size: 6.91 x 4.92 mm
- Recordable pixels: 2880 x 2048. 2 vertical and 2 horizontal pixels average: 1440 x 1024 lens c-mount
- ISO sensitivity (recommended exposure index) standard: equivalent to ISO50 (selectable from ISO50 to ISO 3200 equivalent)
- Live display mode (maximum fps): all pixels (2880 x 2048): 15 fps. 2 vertical and 2 horizontal pixels average (1440 x 1024): 30fps
- Exposure time 100 μ sec to 30 sec
- Photometry mode average photometry: average intensity within the photometry area
- Peak photometry: maximum intensity within the photometry area
- Exposure control one-time automatic exposure adjustment is adjusted automatically for one-time within the optimum range for the camera
- Continuous automatic exposure: automatic exposure adjustment is performed continuously to keep the exposure within the camera
- Manual exposure: exposure time and gain settings are made manually
- Exposure correction average metering: \pm 1EV, step: 1/6EV. Peak hold metering: -1EV to \pm 0EV
- Interface USB3.0 (connect with PC, DS-L4) x1, external trigger X1
- Power supply AC100-240V 50Hz/60Hz
- Power consumption 4.8w

- Dimensions 100 (W) x 66 (D) x 65 (H) mm
- Operating environment 0-40°C, 60% RH max. (without condensation)

Stereo microscope SMZ 800N or equivalent with specification:

- Optical system parallel-optics type (zooming type)
- Zoom ratio 8:1
- Zoom range 1-8x (1/2/3/4/6/8x stops)
- Total magnification 5 – 480x (depending on eyepiece and objectives) (coaxial episcopic illuminator: 22.5 – 540x)
- Tubes eyepiece inclination: 15° (P-TL100 trinocular tube)
- Eyepiece C-W10xB (F.N. 22), C-W15x (F.N. 16), C-W20x (F.N. 12.5), C-W30x (F.N. 7)
- Objective plan Apo 0.5x/WF, plan Apo 0.75/WF, plan Apo 1x/WF, ED plan 1.5x/WF, ED plan 2x/WF, plan 1x, ED plan 0.75x, achro 0.5x
- Working distance 78mm (with plan 1x)

Stereo microscope SMZ 445N (Qty 2) or equivalent with specification:

- Twin zooming objective optical system
- Total magnification: 7x-30x (3.5x-60x by replacing eyepiece and/or auxiliary objective lens)
- Eyepiece: SM 10xB eyepieces (F.N. 21), SM 15xB eyepieces (F.N. 14), SM 20xB eyepieces (F.N. 12)
- Zoom range: 0.7x – 3x 9zoom ratio: 4.3:1)
- Auxiliary objective lens: AL0.5x, 0.7x
- Working distance: 100mm, 127.5mm (AL0.7x), 181mm (AL0.5x)
- Eyepiece inclination: 60°
- Optical system: true erect image, 12° inner bevel, independent adjustment of right and left eyepieces, and 54 to 75mm interpupillary adjustment.





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Instruction to Vendors

1. **Scope**
 - a. The purchaser is the Instituto do Petróleo e Geologia – Instituto Público (IPG), Rua Aimutin Comoro, Dili, Timor-Leste.
 - b. This request for Quotation applies to the purchase of **Microscope** and related services.
2. **Vendor Eligibility – The vendor's firm must**
 - a. Be a bona fide business unit known by the Purchaser to be suitably qualified, experienced and financial resourced (Profile Company includes; copy of Valid Business Registration, copy of Valid Certificate of Debt, copy of Tax Identification Number, copy of Bank Statement and copy of contract for similar project with government and agencies client).
3. **Responding to the Request for Quotation**
 - a. The Vendor shall verify the description and specification of all items.
 - b. The vendor shall enter unit prices and total price on the Request for Quotation form.
 - c. The Vendor shall verify its agreement with stated provisions for quotation validity, delivery period, warranty period, manufacturer's authorization and performance security. All variations from stated conditions shall be explained in a covering letter.
4. **Quotation Price:**
 - a. All prices should be quoted in US Dollars include 10% of tax to Timor-Leste Tax Authority.
 - b. Prices shall be fixed for the duration of the specified period for delivery.
 - c. Unless otherwise stated, the quotation shall be for the fully quantity stated on the Request for Quotation.
5. **Quotation Submission**
 - a. Suppliers may present more than one quotation, as long as it is for different goods that correspond to a similar description or specification.
 - b. Quotation should be submitted to the **Instituto do Petróleo e Geologia – Instituto Público (IPG), Rua Aimutin Comoro, Dili**, or by email no later than the specified time and date.
 - c. The procurement service reserves the right to retain and open late quotations if the number of quotations received is less than three.
 - d. The language shall be: **English**.
 - e. The result of the quotation evaluation shall be advised, denoting the successful vendor and unsuccessful vendors.
6. **Quotation Evaluation and Contract Award**
 - a. Quotation shall be evaluated to establish substantial responsiveness to eligibility requirements, technical description/specification, quantity and commercial conditions.
 - b. Award notification shall be effected through the issuance of a Purchase Order by the Purchaser.
 - c. The vendor shall confirm acceptance of the Purchase Order by email or by taking the Order in Original.
 - d. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations, or to cancel the quotation process at any time prior to award.
7. **Performance Security**
 - a. If a Performance Security is required, the Purchaser shall issue a Letter of Acceptance which shall serve as notification of award.
 - b. The vendor shall provide a Performance Security within seven days, in the amount specified in the Request for Quotation.

For notices the Purchaser's address shall be:


Instituto do Petróleo e Geologia – Instituto Público (IPG)

Rua. Delta 1, Aimutin, Comoro, Dili, Timor-Leste

City: Dili

Country: Timor-Leste

Electronic mail address: tlebre@ipg.tl or clopes@ipg.tl



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8. Payment

Payment shall be made in following manner:

- a. 100 (hundred) percent of the Contract Price of Goods shall be paid within thirty (30) days of presentation of claim supported by a certificate completion from the Purchaser declaring that the Goods have been delivered and that all other contracted services have been performed.
- b. The currency for payment shall be: **US Dollars only.**

9. Corrupt & Fraudulent Practices

The purchaser requires that Vendors observe the highest standards of ethics during the procurement and execution of RDTL government contracts, to the extent that corrupt, fraudulent, collusive and coercive practices and conflict of interest occurring in quotation, delivery and completion processes may result in disqualification, termination of purchase order and penal sanctions.

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