

File Reference Number: ČGS/300/25/3469 File Number: ZN/ČGS/2025/300/393

# Purchase Agreement for the Delivery of a Cold-Cathode Cathodoluminescence System with a Motorized Sample Stage

this agreement is concluded pursuant to Section 2079 and the following provisions of Act No. 89/2012 Coll., the Civil Code of the Czech Republic, as amended

Agreement Registration Number

**Contracting Parties** 

Buyer: Czech Geological Survey (also referred to as "ČGS")

a state organization established by the Ministry of the Environment under Measure No. 02/2024, Ref. No.:

MZP/2024/270/843

Registered office: Klárov 131/3, 118 00 Prague 1, Czech Republic Represented by: Mgr. Zdeněk Venera, Ph.D., Director of ČGS

Company ID/VAT ID: 00025798 / CZ00025798

Bank details: Czech National Bank, Na Příkopě 28, 115 03 Prague 1

Account number: 87530011/0710

Contact person for performance-related matters:

AND THE PARTY OF T

(hereinafter referred to as the "Buyer" or "CGS")

and

**Seller: NEWTEC SCIENTIFIC SAS** 

Registered office: 2 route de Sommières 30820 CAVEIRAC, France

Represented by: M. Antoine CANDEIAS Company ID/VAT ID: FR79539541441

Bank details: see below Account number: see below

Bank Identity

BIC: CCOPFRPPXXX IBAN: FR76 4255 9100 0008 0238 6758 159

Bank name: CREDIT COOPERATIF NIMES

Bank code: 42559 Account N°: 08023867581 Branch code: 10000 RIB key: 59 SIRET / 539 541 441 00033

Contact person for performance-related matters: [38]

(hereinafter referred to as the "Seller")

Hereinafter collectively referred to as the "Contracting Parties" or individually as a "Contracting Party"

conclude on the date, month and year specified below this Purchase Agreement (hereinafter referred to as the "Agreement"):

#### **Preamble**

The Contracting Parties have entered into this Agreement based on the outcome of a procurement procedure concerning a public contract titled "Katodoluminiscenční systém se studenou katodou a motorizovaným posuvným stolkem", registration number: N006/25/V00018875 (hereinafter referred to as the "Public contract"), in accordance with Section 31 of Act No. 134/2016 Coll., on Public Procurement, as amended (hereinafter referred to as the "PPA"), and pursuant to Section 2079 et seq. of Act No. 89/2012 Coll., the Civil Code, as amended (hereinafter referred to as the "Civil Code").

The contents of this Agreement also reflect the terms under which the small-scale Public contract was awarded, in particular the terms set out in the tender documentation.

# Article I

# **Subject of the Agreement**

- 1. The subject of performance under this Agreement is the purchase of a Cathodoluminescence System with a Cold Cathode and a Motorized Stage. The delivered system must be new and unused, and must include transportation, installation, and training for a four-person operator team, where the training shall last at least two days in total. The technical specifications of the system are set out in Annex No. 1 (Technical Specifications) and Annex No. 2 (Product Description) hereto (hereinafter referred to as the "Subject of Purchase").
- 2. The Seller undertakes to provide the Buyer, along with the Subject of Purchase, with all documents necessary for the acceptance and proper use of the Subject of Purchase, in Czech or English.
- 3. For the duration of the warranty period, the Seller shall provide the Buyer with free warranty service of the Subject of Purchase. Such service shall include all actions necessary to ensure the full functionality of the equipment, including diagnostics, repairs, replacement of defective components, and travel costs of the service technician. The service shall be provided without undue delay following the notification of a defect by the Buyer

# Article II

# **Purchase Price**

- 1. The Seller hereby sells, and the Buyer purchases from the Seller, the Subject of Purchase as specified in Annex No. 1 for the agreed purchase price of 110 450,00 EUR excluding VAT.
- 2. The agreed purchase price is final and non-exceedable and includes all costs necessary to fulfill the delivery of the Subject of Purchase under this Agreement, including transportation to the place of performance and training of a four-person operating team.
- 3. The purchase price shall be paid on the basis of an invoice issued by the Seller after proper fulfillment of the Subject of this Agreement, including the delivery of the installed and operational Subject of Purchase and its acceptance by the Buyer.
- 4. In the event of a delay in the payment of the purchase price, the Buyer shall pay the Seller default interest at the statutory rate.
- 5. The Buyer shall acquire title to the Subject of Purchase on the date of full payment of the purchase price.
- 6. The Contracting Parties agree that the invoice (tax document) shall be payable within 21 days from its delivery.

- 7. The invoice must contain all elements required by applicable legal regulations, in particular Act No. 235/2004 Coll., on Value Added Tax, as amended, as well as the requirements stipulated by this Agreement and the Buyer's contract registration number. Otherwise, the Buyer is entitled to return the invoice, and the Seller shall issue a new invoice with a new due date. In such case, the Buyer shall not be considered in default.
- 8. The price is stated exclusive of VAT. VAT at the rate of 21% shall be added to the price, if the Seller is required to declare and pay VAT. In the event that the transaction is subject to the reverse charge regime, the tax shall be paid by the Buyer.
- 9. The Buyer is entitled to secure the payment of VAT by transferring it directly to the competent tax authority if the Seller becomes an unreliable VAT payer within the meaning of Act No. 235/2004 Coll., on Value Added Tax, as of the date of the taxable supply.
- 10. The Seller declares that, as of the date of signing this Agreement, it is not listed as an unreliable VAT payer pursuant to Act No. 235/2004 Coll., on Value Added Tax, as amended (hereinafter referred to as the "VAT Act"), and undertakes not to become one for the duration of any financial obligations arising from this Agreement. The Seller further undertakes to provide only such bank accounts for non-cash transfers that are published by the tax authority in a manner allowing remote access pursuant to the VAT Act. Should the Seller nevertheless become an unreliable VAT payer, it shall notify ČGS of this fact no later than 3 days from the date it becomes so. In the event of a breach of this notification obligation, the Seller shall pay the Buyer a one-time contractual penalty in the amount of EUR 2,000.

#### **Article III**

# **Delivery Time and Place**

- 1. The Seller undertakes to deliver and duly hand over the Subject of Purchase to the Buyer no later than **120 days** from the date this Agreement becomes effective.
- 2. The place of delivery of the Subject of Purchase is **Klárov 131/3, 118 00 Prague 1, Czech Republic**.
- 3. A handover protocol shall be drawn up and signed by both Contracting Parties, confirming that the Subject of Purchase has been delivered free of defects and unfinished work, or specifying any minor defects that do not prevent the proper use of the Subject of Purchase, along with a deadline for their rectification.
- 4. The Seller provides the Buyer with a quality warranty for the Subject of Purchase for a period of **24 months**.

#### **Article IV**

# Additional Obligations of the Seller and the Buyer

- 1. The Seller undertakes to exercise the utmost care to prevent any damage and to take all necessary and effective measures to avoid its occurrence. The Seller shall ensure compliance with all generally binding safety and fire protection regulations, as well as occupational health and safety regulations, in the performance of this Agreement.
- 2. The Seller is obliged to maintain confidentiality during the performance of this Agreement and after its termination regarding all information received from the Buyer in connection with or during the performance of this Agreement. The Seller may not use such information for its own benefit or for the benefit of any third party. In the event of a breach of the confidentiality obligation as specified in this Agreement, the Seller shall pay the Buyer a contractual penalty of EUR 2,000 for each individual breach. The Buyer agrees that the Seller may publish information subject

- to the confidentiality obligation for the purpose of presenting its services to third parties (i.e., references), but only to the extent strictly necessary and provided that such disclosure does not cause harm to the Buyer.
- 3. Neither Contracting Party is entitled to assign its rights or obligations under this Agreement to any third party.

#### Article V

# **Contractual Penalties**

- The Buyer shall notify the Seller of any defects in the Subject of Purchase without undue delay after such defects
  are discovered. The Seller shall remedy the notified defects or deficiencies without undue delay, and no later than
  within 10 business days, by replacing the defective part with a new, faultless one, unless otherwise agreed
  between the Contracting Parties. The Seller shall be liable for any damage caused to the Buyer due to defects in
  the Subject of Purchase.
- 2. A complaint may be resolved either by a reasonable reduction in the purchase price or by a claim for defect removal. The choice between these remedies belongs to the Buyer. If the Buyer chooses defect removal, the Seller undertakes to remove the defect within a time frame agreed upon by the Buyer and the Seller, taking into account the nature of the defect.
- 3. In the event of a delay by the Seller in delivering the Subject of Purchase, the Seller shall pay the Buyer a contractual penalty in the amount of 0.05% of the purchase price of the Subject of Purchase including VAT for each day of delay, including any commenced day. The right to claim damages shall remain unaffected.
- 4. If the Seller fails to remove defects within the time period stipulated in this Agreement (i.e. without undue delay, or within 10 business days, or within a time frame agreed upon by the Contracting Parties), the Seller shall pay the Buyer a contractual penalty in the amount of EUR 20 for each day of delay. The contractual penalty applies separately to each individual defect. The payment of the contractual penalty shall not affect the Buyer's right to claim damages.

# **Article VI**

# **Termination of the Agreement**

- 1. The Contracting Parties agree that the contractual relationship established by this Agreement may be terminated prior to the agreed duration based on a mutual written agreement between the Contracting Parties.
- 2. The Buyer may withdraw from the Agreement without any penalties if the amount from the state budget necessary for payment under this Agreement is not approved; such withdrawal shall become effective upon delivery of a written notice of withdrawal to the Seller at the address stated in the header of this Agreement.
- 3. Either Contracting Party may withdraw from the Agreement in the event of repeated or material breaches of this Agreement. The withdrawal shall become effective upon delivery of a written notice of withdrawal to the other Party at the address stated in the header of this Agreement.
- 4. The Buyer is entitled to withdraw from the Agreement if it is found that the Seller has offered, given, accepted, or facilitated the transfer of anything of value to influence the behavior or actions of any person—whether a public official or otherwise—either directly or indirectly, during the procurement process or in the execution of the Agreement; has misrepresented facts with the aim of affecting the procurement process or the performance of the Agreement to the detriment of the Buyer; or has used fraudulent practices to suppress or reduce the benefits of free and open competition. Such withdrawal shall become effective upon delivery of a written notice of withdrawal to the Seller.

#### Article VII

# Representations of the Seller as the Supplier under the Public contract

- 1. The Seller, as the selected supplier in the procurement procedure, hereby declares in relation to the Public contract and its performance that neither the Seller nor any of its subcontractors or other persons as defined analogously under Section 83 of PPA, who will participate in the performance, nor any persons whose capacities the Seller will rely upon to an extent exceeding 10% of the total bid price, is a Russian national, natural or legal person, or an entity or body established in Russia, is not directly or indirectly owned in more than 50% by an entity established in Russia, and is not acting on behalf of or at the direction of such entities. The Seller further declares that it is not listed on the sanctions list annexed to Council Regulation (EU) No. 269/2014 of 17 March 2014 concerning restrictive measures in respect of actions undermining or threatening the territorial integrity, sovereignty and independence of Ukraine, as amended, nor on the list under Council Regulation (EU) No. 208/2014 on restrictive measures against certain persons, entities and bodies in view of the situation in Ukraine, nor Council Regulation (EC) No. 765/2006 of 18 May 2006 concerning restrictive measures against President Lukashenko and certain officials of Belarus, as amended. The Seller also declares that it shall not make any financial resources received for the performance of this Public contract directly or indirectly available to any natural or legal persons, entities, or bodies linked to or acting for the benefit of any of the entities listed on the sanctions list annexed to the above-mentioned regulations.
- 2. The Seller declares that, as a participant in the procurement procedure, it is neither directly nor indirectly affected by any conflict of interest in relation to the Buyer or to entities involved in preparing the procurement procedure, and that it has no special connection with such entities, especially of a property, personal or similar nature, which could affect the transparency or objectivity of the procedure.
- 3. The Seller undertakes to promptly inform the Buyer in writing of any change in circumstances that may affect or could potentially affect the performance of this Agreement, including but not limited to changes in its ownership or asset structure, legal status, ability to perform the Agreement, initiation of insolvency proceedings or any other proceedings which could jeopardize the proper fulfillment of its obligations under this Agreement. Failure to comply with this notification obligation shall be deemed a material breach of the Agreement.
- 4. The Seller declares that it is a qualified supplier within the meaning of the PPA and that no grounds for exclusion apply to it. A supplier is not qualified if, in the country of its registered seat, it has been finally convicted within the past five years of any criminal offense listed in Annex No. 3 to the PPA or an equivalent offense under the laws of the country of its seat (excluding expunged convictions); if it has outstanding tax arrears in the Czech Republic or its country of registration; if it has overdue payments of health insurance, social security contributions, or state employment policy contributions; or if it is in liquidation, has been declared insolvent, is under forced administration, or is in a similar situation under the laws of its country of registration. Where the supplier is a legal entity, the above conditions must be met not only by the supplier itself but also by each member of its statutory body. If a legal entity is a member of the supplier's statutory body, these conditions must also be met by that legal entity, each member of its statutory body, and any individual representing it in the statutory body of the supplier. If the supplier is a branch of a foreign legal entity, the conditions must be met by that legal entity, each member of its statutory body, any person representing it in the statutory body of the supplier, and the head of the branch.
- 5. The Seller declares that, as a tenderer for the Public contract, it is duly registered in the Commercial Register if required by law. If it is not required to be registered, then no such obligation applies. The Seller also declares that it holds all necessary authorizations and permits to perform the subject of this Agreement in accordance with applicable legal regulations.

6. The Seller further declares that by submitting this Agreement as part of its tender, it makes a binding representation that it meets all the conditions and requirements stipulated herein. By signing this Agreement, the Seller confirms that if any provision of this Article proves to be invalid in relation to the Seller, the Seller shall compensate the Buyer for all resulting damages in full and without undue delay.

#### **Article VIII**

# **Final Provisions**

- 1. The Seller agrees to the publication of the contents of this Agreement, including the identification data of the contracting parties, provisions regarding the subject of the Agreement, the price of performance, and other commercial terms, to the extent necessary for this Agreement to be subject to information disclosure under Act No. 106/1999 Coll., on Free Access to Information, as amended.
- 2. The Seller unconditionally agrees to the publication of the full wording of this Agreement in accordance with applicable legislation. The publication of the content of the Agreement shall not be considered a breach of confidentiality obligations.
- 3. The Seller undertakes to cooperate as an obliged entity pursuant to Act No. 320/2001 Coll., on Financial Control in Public Administration and on Amendments to Certain Acts (the Financial Control Act), as amended.
- 4. The Seller is not entitled to assign any rights, obligations, liabilities, or claims arising from this Agreement to third parties without the prior written consent of the Buyer.
- 5. This Agreement may be amended only by a written, numbered addendum agreed upon and signed by the authorized representatives of both Contracting Parties.
- 6. Both Contracting Parties declare that the above provisions reflect their true and free will, and they hereby affix their signatures as proof thereof.
- 7. This Agreement is executed in electronic form, and both Contracting Parties shall receive an original electronic copy.
- 8. All matters not expressly governed by this Agreement shall be governed by the laws of the Czech Republic, in particular the Civil Code.
- 9. Postal correspondence between the Contracting Parties shall be sent to the addresses specified in the header of this Agreement, unless the sender is informed in writing of a different delivery address. If delivery to such addresses is not successful, the consignment shall be deemed delivered on the third day following dispatch.
- 10. he Contracting Parties undertake to resolve all disputes arising out of or in connection with this Agreement primarily through amicable means.
- 11. This Agreement shall enter into force on the date of its signature by both Contracting Parties and shall become effective on the date of its publication in the Register of Contracts pursuant to Act No. 340/2015 Coll., on the Special Conditions of Effectiveness of Certain Contracts, the Publication of These Contracts, and the Register of Contracts (the Act on the Register of Contracts), as amended. The publication in the Register of Contracts shall be carried out by the Buyer. The Seller unconditionally agrees to the publication of the full wording of the Agreement in accordance with the law and related regulations.
- 12. The following annexes form an integral part of this Agreement:
- Annex No. 1 Technical Specification of the Subject of Purchase
- Annex No. 2 Product Description Intended for Delivery

In Prague



Mgr. Zdeněk Venera, Ph.D. Director of the Czech Geological Survey Antoine Signature numérique de Candeias Date: 2025.08.11

Antoine Candeias

15:48:45 +02'00'

M. Antoine CANDEIAS President of NEWTEC SCIENTIFIC SAS

# Annex No. 1 – Technical Specification of the Subject of Purchase

# Cathodoluminescence optical system.

# **General specification:**

- Control of the gun voltage from 1kV up to 20kV (Stabilized at all voltages).
- Control of the gun current from 25μA up to 400μA or 800μA(Stabilized at all voltages).
- Regulation of voltage and the current to get the maximum stability (it is necessary for the stitching).
- Motorized stage to do a complete thin section.
- Possibility to move the stage by External Joystick.
- Large surface of observation (69mm\*39mm).
- Electronic Control by PC.
- Very high spatial resolution: 500nm.
- Possibility to use different gas: Air, N2, Ar,...
- Transmitted lightning and reflection (incident angle 20°) lightning for solid samples.
- Possibility to capture image on a Lab without blak room.
- Possibility to combine Polarized and analysed light with cathodoluminescence.
- Possibility to do Spectrometry (optionally).
- Possibility to insert different thin section and solid samples.
- Security on high voltage linked to the vacuum level.
- Pumping: Vacuum dry pump (no oil).
- Vacuum break automated.
- Low light camera controlled by PC.
- Microscope equipped with 4 objectives magnifications 2.5x, 5x, 10x, 20x.
- Optionally Objectives up to x50 and x100 for spektrometry.
- External lightning in reflection.
- Polarized and analysed automated.
- Spectrometry because stability of the plasma gun.
- Cathodoluminescence system supported by an antivibration table.
- PC to control the system with 2 screens.
- Xray control (safe for the operator).
- Hardware and Software developed specifically for the system with registered trademark with the exclusive installation and service rights for the system producer. OS in English or Czech, SW in English or French.

#### 1 – A cathodoluminescence vacuum chamber with motorised stage

- Vacuum chamber with drawer and sample carrier.
- On the drawer are placed two motors for the X, Y sample displacement.
- The covering with a specific window for XRay, gun connection and spectrometer connection.
- The lightning is directly incorporated inside the chamber for solid samples.
- The sample carrier is manufactured to receive thin sections or solid samples, in this case with a elevator step by step to optimise the working distance of the microscope (5 positions).
- Aluminium chamber fixed on an existing optical microscope equipped with large working distance objectives
- Equiped with two windows glass
- 2 Sample support for 2 lamellas « geology type » 30x45 mm and 38x48 mm with a lift 6 levels for solid samples (maximum thickness: 12mm)
- Observable area 39x69mm, movements X, Y, motorized, joystick or software controlled
- Inside the chamber lightning controlled by PC in reflection mode (for solid samples) and transmission mode for thin lamella samples
- Removable plate with 2 connections, one for the plasma gun, one for reflection lightning
- A vacuum break screw
- A flange clamp to fix the pumping tombac

- X, Y motorised displacement
- The X, Y movement device is motorised (70 mm \* 40 mm) with two stepper motors controlled by a joystick and/or by software.
- External joystick
- Stage software:
  - Programmable stage scanning
  - o Image processing reconstruction
  - o Camera calibration
  - high resolution images with motorized stage (automate scanning and stitching reconstruction)

# 2 - Electronic controller

- Power supply 220V / 50 Hz 10A
- General switch On/Off
- On/Off automatic for high voltage, controlled by the vacuum level.
- Connection to PC with an USB cable
- Voltage and current controlled by PC
- Display on PC monitor of the voltage KV and current in μA
- Maximum working voltage 25KV/current 600μA
- Micro-leak valve controlled by PC for gas admission, Air, Ar, He

# 3 - Pumping

- Dry pumping device vaccuum limit under 0.03mbar
- Connections to vacuum circuit tombac length 1m and 0,5m DN16
- Vacuum measurement by thermocouple gauge, displayed on PC monitor
- Security on high voltage linked to the vacuum level

# 4 - Tools and accessories supplied

- Turnscrews, Allen keys
- A glass plasma tube with cathode and seals
- Microscope mechanical interface

# 5. Specially adapted microscope:

- Mainbody enabling dia illumination, min. 50W halogen or equivalent with same or higher light intensity
- Trinoccular Head
- Adaption for C-mount camera 1x
- Eyepices 10x/22
- Eyecups for eyepieces 10x/22
- LWD achromat condenser
- Turret for objectives (5 positions)
- Table support
- 4 objectives mgnification/N.A./W.D. -2.5x FL Plan/min. 0,07/min. 11,2 mm, 5x Plan Fluor/min. 0,15/min. 23,5 mm, 10x Plan Fluor/min. 0,30/min.17,5 mm, 20x Plan Fluor ELWD/min. 0,40/min. 19,0 mm)
- Lamphouse
- Halogen lamp min. 50W or equivalent with same or higher light intensity
- Polarized/Analysed light simultaneously with catodoluminescence

# 6. Objective protection for external light and X Rays.

- Cut the day light (not necessary to work inside a black room).
- Not necessary to use glass window with lead to cut Xrays, all colors are shown.
- Objective chamber Quartz window (instead glass lead window) increase the signal ratio at least x3, do not cut some wavelenghts
- Lens protection against parasitic light
- CL simultaneosly with light mineral images on a complete thin sections
- Combination of the polarised light and CL automaticellly on the same sample without moving the sample on large surfaces

_	_		
7	Can	10r1	
	v.ali	ıcıa	_

• low light controlled by software

# 8. External Lightning:

• by reflection PC controlled

# 9. Device for polarized and analysed light for mineralogy

Motorized polarisation with software

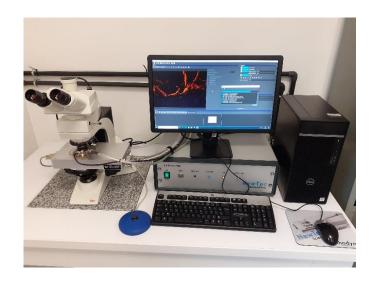
# 10. Antivibration table

# 11. PC:

• with 2 screens - 16GB RAM, HardDisk 500GB, Software for PC (OS W11 Pro in Czech or English, SW for catodoluminiscence in English or French)







# CZECH GEOLOGICAL SURVEY To the attention of **Dr Prokop ZAVADA**Klárov 113/3 Prague, 11800 CZECH REPUBLIC

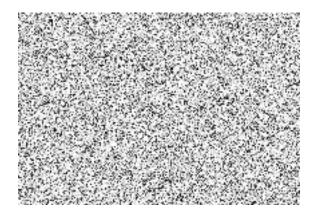
Caveirac, July 01st 2025

Dear Dr Zavada,

Please find below our Cathodyne quotation following your request.

We stay at your disposal further you require more information.

Sincerely Yours.





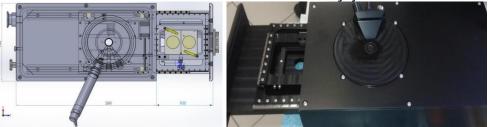


# Proposition DV24004F GeologicalSurveyCZ – Cathodyne CATHODYNE

Cathodoluminescence optical system manufactured in France by Newtec, CL-Optical composed:

1 – A cathodoluminescence vacuum chamber

- Aluminium chamber fixed on an existing optical microscope equipped with large working distance objectives
- Equiped with two windows glass
- 2 Sample support for 2 lamellas « geology type » 30x45 mm and 38x48 mm with a lift 6 levels for solid samples (maximum thickness : 12mm)
- Observable area 39x69mm, movements X, Y motorized joystick or software controlled



- Inside the chamber lightning controlled by PC in reflection mode (for solid samples) and transmission mode for thin lamella samples
- Removable plate with 2 connections, one for the plasma gun, one for reflection lightning
- A vacuum break screw
- A flange clamp to fix the pumping tombac

# 2 – Electronic controller

- Power supply 220V / 50 Hz 10A
- General switch On/Off
- On/Off automatic for high voltage, controlled by the vacuum level.
- Connection to PC with an USB cable
- Voltage and current controlled by PC
- Dispaly on PC monitor of the voltage KV and current in µA
- Maximum working voltage 25KV/current 600µA
- Micro-leak valve controlled by PC for gas admission, Air, Ar, He

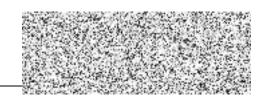
# 3 - Pumping

- Pump with pallets double floor under oil. Connections to vacuum circuit tombac length 1m and 0,5m DN16, supplied by Newtec.
- Vacuum measurement by thermocouple gauge, displayed on PC monitor
- Security on high voltage linked to the vacuum level

# 4 – Tools and accessories supplied

- Turnscrews, Allen keys
- A glass plasma tube with cathode and seals
- Microscope mechanical interface





# Proposition DV24004F GeologicalSurveyCZ - Cathodyne

Qty	PRODUCT	CATHODYNE	P.U. HT	P.T. HT
1		Set complete Cold Cathodyne with motorised stage.		
1		<ul> <li>Microscope Nikon LV100ND special for Newtec:</li> <li>Statif and Trinoccular Head</li> <li>Focalisation D2</li> <li>Turret for objectives (5 positions)</li> <li>Transmission lightning</li> <li>Table support</li> <li>4 objectives (x2.5, x5, x10, x20)</li> <li>Camera adaptation</li> </ul>		
4		Objective protection for external light and RX. Newtec patented Cathodyne®		
1	The state of the s	Wet pumping device vaccuum limit under 0.03mbar		
1		Camera low light controlled by software		
1		External Lightning by reflection PC controlled		
1		External joystick		
1		Stage software  • Programmable stage scanning  • Image processing reconstruction  • Camera calibration  Software for PC		





Proposition DV24004	F GeologicalSurve	yCZ – Cathodyne
---------------------	-------------------	-----------------

1	Cathodyne – White light - Polarized	Device for polarized and analysed with light for mineralogy combined with Cathodyne.  Motorized polarisation with software		
1		Antivibration table		
1		PC with 2 screens - 16GoRAM – HardDisk 500Go		
1		Transportation with insurance. The installation and training is planned for the persons in charge or users having a minimum of practice of Windows. By working station, we will admit up to 4 people, the duration will be 2 days maximum. (CZ)		
TO	TAL AMOUNT		11	0 450 €

# **CONDITIONS of SALES**

**Garanty:** 2 years, except consumables **Validity of the offer:** 4 months

**Delivery delay:** 3 to 4 months for the Cathodyne.

Payment:

• 30% with the order

• 70% after installation and training

**Incoterms**: DAP





# Proposition DV24004F GeologicalSurveyCZ - Cathodyne

# References:

Muséums de Paris et de Genève, Université Jussieu, Orsay, EPFL Lausanne, Grenoble, Marseille, Besançon, Bordeaux, Versailles, Pontoise, CEA,AREVA, IFP, University of Geneva, Univ of Aarhus, University of Salta,

University of Sofia, British Geological Survey (BGS), AD Science Japan, AXT Australia, Carnegie USA,

# **Example of high resolution images with motorized stage** (automate scanning and stitching reconstruction)

Large image 25mm x 10mm (haute résolution)

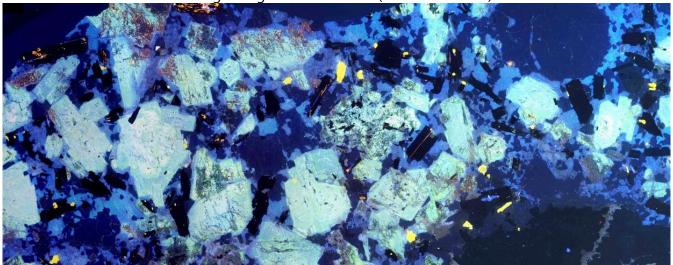
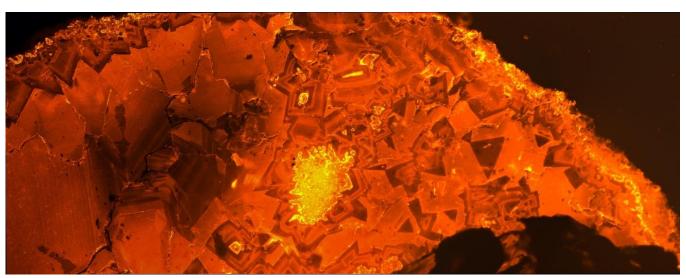


Image made by Geneva University



*Image made by Sofia University* 



Tél: +33 (0)4 66 62 33 04 Fax: +33 (0)4 48 06 04 75

# Proposition DV24004F GeologicalSurveyCZ - Cathodyne

Large image 30mm x 15mm

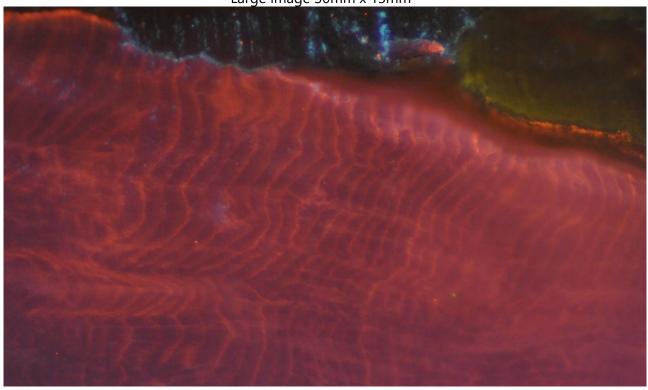
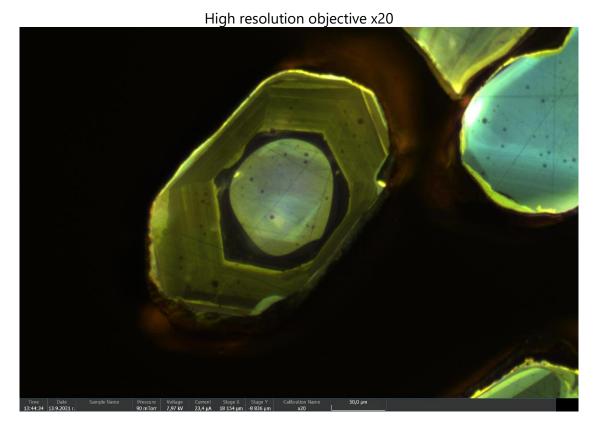


Image made by University of Jussieu: Seashell dating

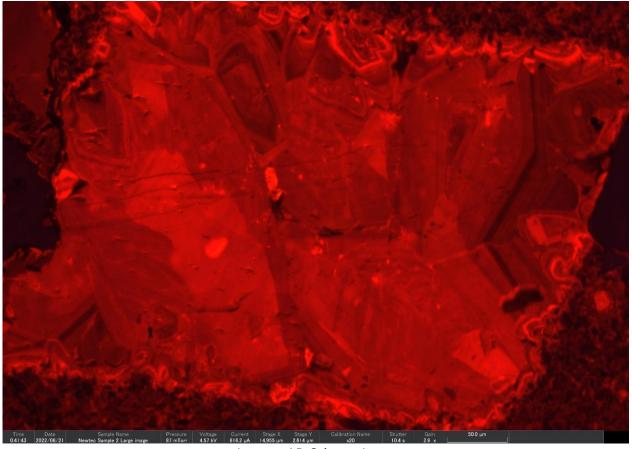


# NP24004





# **Proposition DV24004F GeologicalSurveyCZ – Cathodyne** Image made by Sofia University Zirconia



Images AD Science Japan





Proposition DV24004F GeologicalSurveyCZ - Cathodyne

