



सीएसआईआर-केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

CSIR-CENTRAL INSTITUTE OF MINING & FUEL RESEARCH

(बरवा रोड परिसर, धनबाद-826001, झारखण्ड, भारत)

Barwa Road Campus, Dhanbad – 826 001 (Jharkhand), India

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☎ : 0326-2296003/04/27/28

☎ : 0326-2296030 / 2396018

आशय पत्र सह क्रय आदेश (Letter of Intent -cum- PURCHASE ORDER)

मिसिल सं०/ File No. CIMFR/PUR- 14(21)2018

दिनांक/ Date: 29.10.2019

सेवा में/ To,

M/s Vinci Technologies,
27B RUE DU PORT – PARC DE L'ILE
CITY: NANTERRE – 92022, FRANCE

Copy to:- M/s Premier Agencies,
68/1 Rajpur Road, Dehradun,
Uttarakhand.

Sub.: Purchase of Rock Eval Analyzer with accessories.

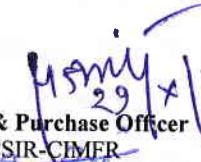
संदर्भ : Offer No. 21418 dt. 03.05.2019, negotiated offer dt. 30.09.2019

प्रिय महोदय/ Dear Sirs,

कृपया निम्नलिखित सामग्रियों को नीचे और दूसरी ओर बताए नियम एवं शर्तों के अनुसार आपूर्ति की व्यवस्था करें/ Please arrange to supply the following articles in the terms & conditions stated below and on the overleaf:

Offer No. 21418 dt. 03.05.2019, negotiated offer dt. 30.09.2019				
S.No.	Description of the Item	Qty.	Unit Rate	Total Amount
1.	Rock Eval Analyser and accessories	01 set	EURO 2,90,000.00	EURO 2,90,000.00
Ex-works Price				EURO 2,90,000.00
FCA charges				EURO 500.00
Total FCA Paris Airport Price				EURO 2,90,500.00
Less(-) Agency Commission @0.5% of Total Ex-works Price				EURO 1450.00
Total FCA Paris Price after deduction of agency commission				EURO 2,89,050.00

Terms & Conditions:

1. Inco-term	FCA Paris Airport.	Yours faithfully,  Stores & Purchase Officer CSIR-CIMFR 29/10/19
2. Destination	FOR CSIR-CIMFR, Digwadih Campus, Dhanbad-828108, Jharkhand.	
3. Deliver and completion	120 Days from the date of final LC.	
4. Warranty	Warranty: 01 year from date of installation. Also, the Geoworks (core module) & Quick Kinetics module software license for 10 years.	
5. Detail terms & conditions are as per Annexure-I attached.		
6. Detail specifications are as per Annexure-II attached.		

प्रतिलिपि/ Copy to: (i) I.O.: Dr. Bodhisatwa Hazra, Sct. (ii) Stores (iii) Accounts (iv) Office Copy

बजट की मद/ Budget Head: LRF.

TERMS & CONDITIONS**1. GENERAL:**

- (i) Supplier has to submit acknowledgement cum Proforma Invoice with the Banker detail within 15 days from the date of Purchase Order. CIMFR will not be responsible for any payment without installation & commissioning and final acceptance.
- (ii) The ordered materials must comply strictly with the Specifications as mentioned in the LOI cum Purchase Order and Offer.

2. DELIVERY:

- (i) Ordered materials should be delivered on FCA Paris basis to the representative of CSIR-CIMFR freight forwarder dispatched in FOR CIMFR Stores within 120 days from the date of opening of letter of credit.
- (ii) C & F agent, M/s Balmer Lawrie Co. Ltd. will deliver complete set at the following address:-
Dr. Bodhisatwa Hazra, CSIR-CIMFR, Digwadih campus, Dhanbad, Jharkhand - 828108, INDIA, Qty: 01 complete set.
Contact Details: Mob: +91-7908819126, E-Mail- bodhisatwa.hazra@gmail.com

Note :- In case of wrong delivery the delivery charges up to correct destination will be deducted from the bill.

3. WARRANTY:

(a) The ordered materials should be warranted on site comprehensive against any defects for a period of 01 Year from the date of its installation and successful commissioning. The warranty period shall be automatically extended for such period for which the equipment is not attended installation of our written request. Spare parts and consumables must be made available at least for 07 years from the date of installation. Declaration of consumables of any component after order is not accepted.

(b) On receipt of the Cargo by the Buyer if it is found that the same has either been wrongly shipped or damaged in transit for inadequate packing for which the Insurance Company does not take any responsibility, the supplier has to arrange for FREE REPLACEMENT including TO and FRO (where applicable) charges of freight forwarder, insurance premium and charges for clearing at Kolkata Airport.

4. PAYMENT:

The Buyer will establish a Letter of Credit for FCA price excluding Agency, an amount of **EURO 2,89,050.00 (EURO Two Lakh Eighty Nine Thousand Fifty only)** in favour of the supplier on receipt of the ORDER ACCEPTANCE.

Letter of Credit has to be opened for 100% of the order value. 80% payment will be released against receipt of requisite documents & 20% after installation & commissioning, final acceptance by the user and verification of the PBG.

"If the firm fails to get the equipment installed, commissioned and demonstrated successfully at CIMFR within the schedule, they will have to take back their equipment at their own cost after refunding the entire amount incurred by the Institute for importing the equipment with interest. The firm will also be blacklisted from all CSIR Labs. Both the manufacturer and the I.A. will be held responsible for such failure"

5. PACKING & PACKING LIST:

To be suitably packed in Special Export Packing to withstand Air Transmissions enroute to Destination, India. Copy of Packing List is to be kept in each case/carton/package/box. Packing list should indicate the L/C No., P.O. No., Number of Box, Contents, Gross and Net Weights and Cubic Measurement etc. Supplier has to replace the damaged material due to packing of the material. There should be clear cut marking on the each packed of the consignment about the destination i.e., respective CIMFR Stores as elaborated in delivery clause, Country: India. Any additional expenditure due non-marking/wrong marking about destination will be deducted from the supplier's bill.

- 6. CONSIGNEE : Director, CSIR-CIMFR, Digwadih Campus, PIN-828108, Dist.: Dhanbad, State: Jharkhand, INDIA
- 7. COUNTRY OF ORIGIN : France
- 8. PORT OF SHIPMENT : Paris Airport
- 9. PORT OF DESTINATION: Kolkata Airport
- 10. MODE OF SHIPMENT : By Airfreight
- 11. IMPORT LICENSE : Open General License

12. PERFORMANCE BANK GUARANTEE:

An unconditional Performance Bank Guarantee (PBG) for 10% of the total order value i.e., **10% of ₹2,28,91,516.20 = ₹22,89,151.62 ~ ₹22,89,152.00**, issued from an Indian schedule Bank needs to be submitted within 21 days from the date of Purchase Order. The PBG must be valid for a period of **14 (Fourteen) months** i.e. **02 months after the completion of One (01) year warranty period.**

13. AGENCY COMMISSION:

@0.5% of Total Ex-works Price of **EURO 2,90,000.00** i.e; **EURO 1,450.00** which will be paid in INR. **INR value is ₹1,14,260.58 + conc. GST @5% ₹5,713.029, Total Value = INR 1,19,973.60 ~ INR 1,19,974/-** only, no higher fluctuation in foreign currency will be acceptable for Indian Agency Commission + payment.

14. AMC:

(i) Non- Comprehensive AMC charges for 1st year after completion of warranty period: **₹7,99,312.50/- + GST@18% per unit** (ii) Non- Comprehensive AMC charges for 2nd year after completion of warranty period: **₹8,39,278.13/- + GST@18% per unit** (iii) Non- Comprehensive AMC charges for 3rd year after completion of warranty period: **₹8,81,242.04/- + GST@18% per unit** (iv) Non- Comprehensive AMC charges for 4th year after completion of warranty period:

Handwritten signatures and dates:
 29/10/19
 29/10/19

₹9,47,335.19/- + GST@18% per unit (v) Non- Comprehensive AMC charges for 5th year after completion of warranty period: ₹10,18,385.33/- + GST@18% per unit (vi) Non- Comprehensive AMC charges for 6th year after completion of warranty period: ₹10,94,764.23/- + GST@18% per unit, the AMC includes three (03) service visits each year for each set and break-down/emergency visit as and when required.

Payment of proportionate amount will be made after service on annual basis or in exceptional circumstances advance will be made on receipt of equivalent amount of Bank Guarantee valid for 2 months beyond the AMC period. AMC will begin after issue of AMC order and all other terms & conditions of AMC will be decided on its commencement.

15. FOLLOW UP OF PURCHASE ORDER/ LC:

The Indian Agent will keep in touch with the shipment of the consignment and will be responsible for the follow up of the same with their Principal for ascertaining the dispatch details and informing the same to CIMFR and shall also liaise with CIMFR to ascertain the arrival of the consignment after clearance, so that, immediately thereafter in his presence the consignment could be opened and insurance claim be lodged, if required, without any loss of time. Any delay on the part of Indian Agent would view seriously and he shall be directly responsible for any loss sustained by CIMFR on the event of the delay.

16. INSTALLATION, COMMISSIONING & TRAINING:

The consignment must be opened and get inspected by the user Scientist in the presence of the Indian Agent within 3 days of delivery at Stores. The installation and commissioning shall have to be completed within 30 days of delivery of the consignment by trained engineers of your Indian Agent at CIMFR all units as mentioned in the delivery place. The entire job will be sole responsibility of the Indian Agent to be arranged by Indian Agent. The firm must ensure that FREE ON SITE TRAINING is imparted to CIMFR personnel regarding operation and preventive maintenance.

17. BANK CHARGES:

- i) All Bank Charges in India to be borne by Importer and Foreign Bank Charges to be borne by Beneficiary.
- ii) In case of any amendment the entire charges will be borne by the Beneficiary.
- iii) Banker details: Credit Lyonnais Bank, Branch address: 80 Esplanade du General de Gaulle 92934, PARIS LA DEFENSE Cedex, SWIFT Code: CRLYFRPP, A/c No.: FR76 3000 2056 8400 0006 0043 S35.

18. FORCE MEJEURE:

The supplier shall not be liable for forfeiture of its performance security liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the contract is the result of an event of Force Majeure For purposes of this clause. "Force Majeure" means an even beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and cause thereof. Unless otherwise directed by the purchaser in writing. The supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

19. PENALTY CLAUSE:

Since, time of delivery of the ordered stores is the essence of the contract. The supplier shall arrange to ship the ordered materials as stipulated workout any fail. The same must be got installed & commissioned immediately as per schedule.

However, in case the shipment cannot be made within agreed upon time, CIMFR shall have the right to claim penalty for late delivery and late installation & commissioning @0.5% of the contract value per week subject to a maximum of 10%. The rate of penalty changes may go beyond 10% depending the magnified of delay and non compliance of the commercial terms & conditions. If the delay in shipment and late installation & commissioning of the ordered materials attributable to the supplier exceeds the time period mentioned in the Purchase Order from the date of original agreed upon date of shipment, CIMFR shall have the right to cancel the contract/purchase order. This also applies for violation of any of the contractual terms in any form.

20. INSURANCE:

Insurance of the Cargo will be arranged by the purchaser.

As soon as AIRWAY BILL covers the Cargo, the AIRWAY BILL number and date should be intimated to us through E-mail or FAX to cover insurance of the consignment.

21. PROTECTION AGAINST DAMAGE:

The equipment must be capable of withstanding power failures and equipment should not be prone to damage due to power failures and trip outs. The normal voltage and frequency condition available at the site are as follows:

Normal Voltage: 230 +/- 10% on single phase or 415 +/- 10% on 3 phase, frequency 50 +/- 5% Hz.

22. DESPATCH OF THE CONSIGNMENT:

The consignment duly packed and labeled/marked about destination i.e.,

Dr. Bodhisatwa Hazra, CSIR-CIMFR, Digwadih campus, Dhanbad, Jharkhand - 828108, INDIA, Qty: 01 complete set.

Contact Details: Mob: +91-7908819126, E-Mail- bodhisatwa.hazra@gmail.com

Note:- In case of wrong delivery the delivery charges up to correct destination will be deducted from the bill.

Should be handed over by the supplier to the authorized CHA of the buyer, who will arrange for its clearance, shipment & handling, transportation to Kolkata Airport, India.

Once the Cargo is dispatched a complete set of shipping documents viz Original Invoice, AWB, Packing List, Certificate of Origin etc., must be sent by Fax/ E-Mail to the following address:

Buyer: CSIR-CIMFR, Barwa Road Campus, PIN-826001, Dist.: Dhanbad, State: Jharkhand, Country: INDIA

Tele-Fax No.: +91-0326-2296030, E-mail: spo.cimfr@rediffmail.com/ kumarjiha@gmail.com

Manager: HDFC Bank, Hiranagar, Dhanbad-826001, State: Jharkhand, India

Mr. Umesh Joshi, Area Sales Head for Foreign Exchange- umesh.joshi@hdfcbank.com

Mr. S Dinesh Kumar, Branch Manager- dinesh.kumar@hdfcbank.com

CHA/Freight Forwarding Agent: M/s Balmer Lawrie & Co. Ltd.,

Address: 21, Netaji Subhas Road, Kolkata – 700 001 (West Bengal)

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Tel- 033-2222 5456 / 457 / 458
Satyajit Shankar Guha, Chief Branch Manager- guha.ss@balmerlawrie.com;
Abhishek Bhattacharya- bhattacharya.abhishek@balmerlawrie.com
Gopendra N. Chowdhury- Mob: 9831423616, E-Mail- chowdhury.gn@balmerlawrie.com

CHA's Overseas Associate- Frederic DUBOIS
Trade Lane Manager India
DHL Global Forwarding (France) S.A.S.
(DMA Defense)
27, rue de la Belle Borne, Zone Cargo 4, CS 18406
95707 Roissy CDG Cedex
Tel: +33 (0) 1.49.19.40.82
E-Mail: Frederic.dubois@dhl.com
Web: www.dhl.fr

Audrey BLOND

Service Export Aerien/ Air Export Department
Email: Audrey.blond@airsea-intl.com | Tel: +33 1 30 11 94 28 | Fax: +33 1 34 29 65 61
Theja.migel@airsea-intl.com | Amale.DUBUC@AIRSEA-INTL.COM | Elisa.CHIARELLI@AIRSEA-INTL.COM | max.hatchwell@airsea-intl.com
www.airsea-intl.com | 4 rue du meunier – BP 19622 | 95724 Roissy CDG Cedex | France

The documents must be sent by courier duly issued to CSIR-CIMFR, Dhanbad along with the details of the consignment so that necessary documents required could be submitted in time for getting the consignment cleared without the levy of Customs Duty / Demurrage, in case of the courier agency is not able to arrange for insurance, please arrange insurance at your end on warehouse basis.

23. CLEARANCE OF CONSIGNMENT AT AIRPORT:

The day the Cargo is handed over to forwarding agent for shipment, the same should immediately be intimated to us along with copies of Invoice & Packing List (box wise), Certificate of Origin to enable its clearance at Kolkata Airport without any demurrage/port charges.

24. The supplier or its Indian representative commits himself to take all measures necessary to prevent corruption. It will not, directly or through any other person or firm will offer, promise or give to any of the CSIR-CIMFR employees involved in the procurement process or execution of the contract or to any third person any material or other benefit which he/she is not legally entitled.

The supplier or its Indian representative will not enter with other bidders into any undisclosed formal/informal agreement or understanding. This applies in particular to the prices, specifications, certificates, subsidiary contracts or any action which restricts the fairness in the procurement process. If it is found at the later stage that the supplier has given the wrong/incorrect information or if the bidder or its Indian representative firm has committed a transgression through the violation of the contents stated as above, or in any other form such as to put his reliability or credibility in question, the purchase is fully entitled to disqualify him from the current as well as future procurement process including tender process and award of the contract/purchase order, and no correspondence will be entertained in this regard.

25. GOVERNING LAW:

Jurisdiction:

This contract between the supplier and the buyer shall be governed by the LAWS of India and under this contract shall be taken by the parties only in Dhanbad, India to competent jurisdiction.

Arbitration:

All disputes arising out of this contract shall be referred to the sole arbitration of the D, CIMFR or his nominee as per the provisions of Indian Arbitration and reconciliation Act 1996 and his award shall be final and binding on the parties to the dispute. The venue of arbitration shall be decided by the Director of the institute

Stores & Purchase Officer
CSIR-CIMFR

4/11/19
29/10/19

Item	Description		Qty
Lot 1	<p><u>ROCK EVAL ANALYSER</u></p> <p>The RockEval is the fully automated Vinci instrument that performs geochemical analysis of kerogen-containing rock samples. The powerful device, determines via high-temperature pyrolysis and subsequent oxidation, the critical kerogen and kinetics parameters which allow for example, the determination of Total Organic Carbon content (TOC), mineral carbon content (MINC), kerogen type, well log correlations and petroleum migration modelling. Specifically, the pyrolysis and oxidation products are measured by a Flame Ionization Detector (for hydrogen ions) and an Infrared cell (for oxygen-containing products). Data from the Rock Eval can be inputted into the Vinci GEOWORKS software to compute rock characterization parameters, e.g. Hydrogen and Oxygen indices, shape factors etc.</p> <p><u>General specifications :</u></p> <p>Pyrolysis oven temperature: from 100°C to 850°C</p> <p>Oxidation oven temperature: from 200°C to 850°C</p> <p>Number of samples: 48</p> <p>Temp. rates: adjustable from 1 up to 50°C/min, with steps of 1°C/min</p> <p>Detector types: FID for hydrocarbons</p> <p> Infra-Red cell for CO/CO₂</p> <p>Auto sampler: Provided (48 samples)</p> <p>Carrier gases: Nitrogen (pyrolysis) / Air (oxidation)</p> <p><u>Requirements</u></p> <p>Nitrogen: 99.99% by volume purity, 2 bar, 200 ml/min consumption</p> <p>Hydrogen: 99.99% by volume purity 2 bar, 30 ml/min</p> <p>Air: 99.99% by volume purity, 3 bar, 500 ml/min</p> <p>Power supply: 100V - 240V, 50 Hz / 60 Hz, 1500 W</p>		1 set

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Principle

Rock samples are first powdered and inserted in crucibles which are then placed in numbered slots on the automated carousel. This component enables the automatic sample delivery to the ovens. The crucible is brought under an electro-mechanical transporter, picked up and deposited inside the pyrolysis oven. The latter's temperature ranges from 100°C to 800°C. During this first step, the sample is heated in a nitrogen-saturated environment and the released hydrocarbons are measured by a Flame Ionization Detector while the organic carbon compounds are monitored by an InfraRed Cell. Once the pyrolysis process is complete, the crucible is recuperated by the transporter and stowed in the oxidation oven; the latter having a 200°C-850°C temperature range. Subsequently, the remaining organic carbon and mineral carbon compounds are burned off and measured by IR cell. By virtue of strategically placed thermocouples that monitor and regulate oven temperatures, the RE has the ability to perform elaborate, user-specified oven heating profiles.

Scope of supply:

The analyser comes fully equipped with the following:

- Pyrolysis oven
- Oxidation oven
- Auto sampler
- 1 Infra-red cell for CO, CO₂
- Electronics
- Instrumentation (thermocouples, flowmeter,...)
- Filters
- Data acquisition and supervision workstation
- 1 digital gas flow meter
- Documentation

Data acquisition and workstation

The workstation comprises a PC, loaded with a Control & Acquisition software. The GEOWORKS software is required for data analysis & interpretation.

Specifically, are delivered:

- ◆ a personal computer and 19" flat screen monitor
- ◆ Windows 7 or later
- ◆ an laser printer
- ◆ connecting cables to the Rock-Eval

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	<u>Supervision software</u> Allows the display of: <ul style="list-style-type: none"> ♦ instrument flow diagram ♦ parameters and cycle input ♦ real time curve acquisition ♦ error messages and warnings, such as : flow or temperature fluctuations ; auto-sampler detection, IR cell detection, communication problems, etc. 			
Lot 1.2	General recommended FIRST LINE CONSUMABLES Piston thermocouple for oxidation oven Wall thermocouple for oxidation oven Piston thermocouple for pyrolysis oven Wall thermocouple for pyrolysis oven Splitter temperature sensor Ovens closing O ring FID ignition plug (set of 2) Pyrex wool for Traps FILTER Pack of 24 stainless steel crucibles IFP Calibration sample (10g) Drierite TM desiccant (450g) Lecosorb with special packing (500g) Perchlorate magnesium (450g) Manganese dioxide (60g)		1 set	
Lot 1.2 b	Cost of additional 12 crucibles Cost of additional 90 g IFP standard		1 set	
Lot 1.3	General recommended FIRST LINE SPARE PARTS Oven heating wire for pyrolysis oven Glass trap tube (set of 2) Electrovalves (set of 2) Heating cartridge for SPLITTER (set of 2) Maintenance kit for diaphragm pump Collar for heating wire for pyrolysis oven (set of 2) Safety lock for carousel Electro magnet for pincer 1 set of 10 SS nuts 1/16 1 set of 10 Back and front SS ferrules 1/16 1 set of 10 ea SS nut 1/8 1 set of 10 ea back and front SS ferrules 1/8		1 set	

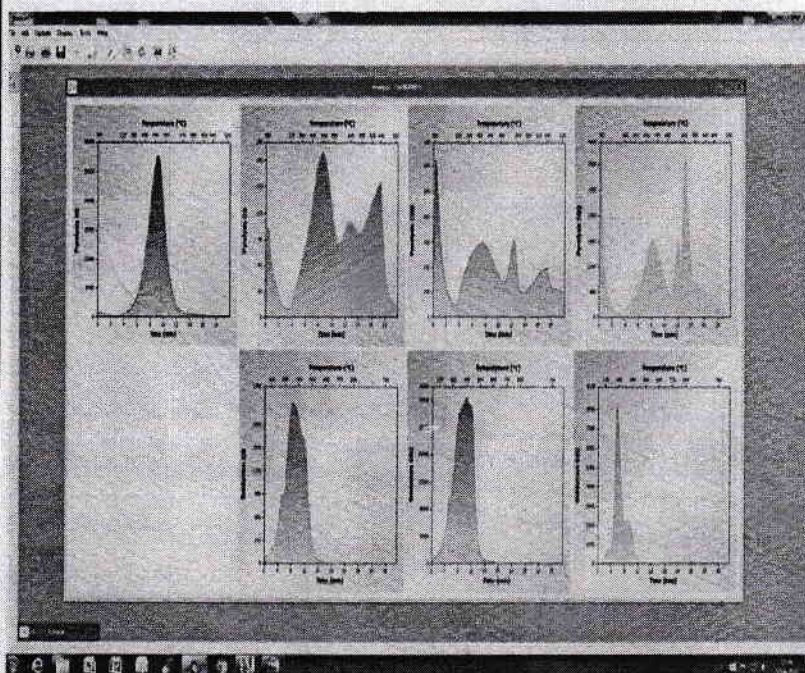
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1 set of 10 ea back and front SS ferrules 1/8

Lot 1.4

ANNUAL LICENCE FEE FOR GEOWORKS (CORE MODULE)

GEOWORKS is Vinci's latest geochemical analysis software. It incorporates all of the improved functionalities of its predecessor Rockint as well as new modules, e.g. sulfur quantification, kinetics studies, shale gas interpretation, curve shape factor quantification... Similarly to Rockint, the program groups two main processes: Job Management and Study Management. The former's purpose is the raw data acquisition, visualization, and potential correction using the interactive cursor. The study management section encompasses the analysis. Specifically, derived parameters such as Hydrogen and Oxygen indices can be plotted to yield the standard Van Krevelen diagram or other customized graphs. Geochemical logs and reports in SI or Imperial units fall also within the scope of the Study Management section. Six different analysis methods are available to account for sample nature: bulk rock, (pure) kerogen, reservoir, pure oil, coal and gas shale. Optionally, the software can be equipped with a quick-kinetics module. Results from GEOWORKS have immediate relevance in well to well correlation, and data comparison. The most notable differences between GEOWORKS and Rockint are a flexible, user-friendly search engine and file storage process, compatibility with Windows 64 bit operating systems, the visualization of sulfur dioxide parameters (pyrolysis, oxidation, sulfate), automatic window sizing, and online help with our qualified engineers.



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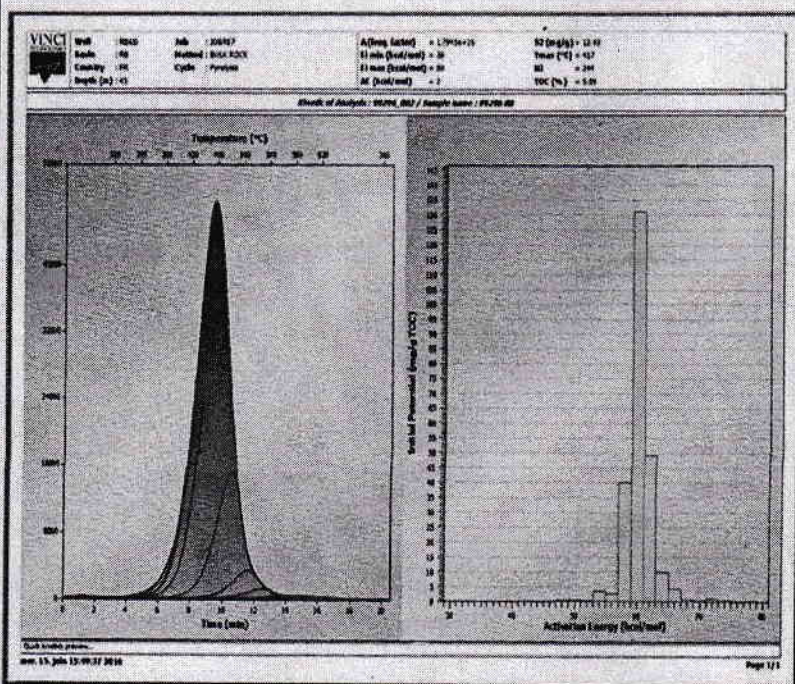
Geoworks® covers the different analysis methods to account for sample nature through calculation software which help in the automated determination of:

- ✓ Type, quality and quantity of kerogen,
- ✓ Light oil, heavy oil and NSO compounds quantities in reservoirs
- ✓ Organic and mineral Sulfur quantification (SO₂ peaks)
- ✓ Shale gas interpretation: total quantities of gas and oil generated (free and adsorbed gas)
- ✓ Kinetics studies

License to be renewed each year.

Lot 1.5 ANNUAL LICENCE FEE FOR QUICK-KINETICS MODULE

This module allows by virtue of the Tissot-Espitalié model, the rapid determination of activation energy distributions for both S2 and sulfur SO₂ peaks obtained with a single pyrolysis heating rate (°C/min).



License to be renewed each year.

Lot 1.6 ON SITE INSTALLATION, COMMISSIONING AND TRAINING


It comprises start-up operations and ensuring that the end-user becomes aware of the necessary adjustments for reliable measurements. During installation, the equipment is tested and commissioned according to the Manufacturer's testing methods and the measurements are checked according to the Manufacturer's recommendations, complied as per tender requirements.

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Lot 1.8	ADVANCED TRAINING AT OUR FACILITIES This advanced training covers the RockEval method, the apparatus's operation and routine maintenance procedures, GEOWORKS software use and result interpretation. (1 engineers for 5 working days, but excludes transportation to/from Paris, accommodation and travel expenses)		1 set	
Lot 1.11	CO2 FREE AIR GENERATOR The CO2-free air generator delivers clean, dry compressed air with a -100°F (-73°C) dew-point. The device reduces carbon dioxide (CO2) concentration to less than 1 ppm. The generator uses a combination of coalescing filtration, regenerative pressure swing adsorption, and high efficiency particulate filtration to produce laboratory quality, dry, CO2-free air from a standard compressed air supply.		1 set	


Stores & Purchase Officer
CSIR-CIMFR


29/10/19