

# **BIRBAL SAHNI INSTITUTE OF PALAEOSENCENCES, LUCKNOW**

Dated: 17.12.2021

## **EXTENSION OF DATE FOR SUBMISSION OF TENDER**

With reference to our Global Tender No. **BSIP/TENDER/STORES & PURCHASE SECTION/2021-22/** dated 17.11.2021 for procurement of three Scientific Equipments with accessories. Details are as under :

- |   |                       |                                     |
|---|-----------------------|-------------------------------------|
| <b>1. Advanced Coal<br/>Petrological Microscope with<br/>Spectrometer for reflectance<br/>Studies (As amended).</b> | <b>2. Core Cutter</b> | <b>3. Agico Spinner Kappabridge</b> |
|---|-----------------------|-------------------------------------|

The Competent Authority has extended date for submission of Global Tender in the Birbal Sahni Institute of Palaeosciences, Lucknow is as under:

Submission of Tender	30.12.2021 upto 12:30hrs.
Opening of Technical Bid	04.01.2022 at 3.00 P.M.

This is for information to all interested.

REGISTRAR

**Birbal Sahni Institute of Palaeosciences,  
53 University road, Luckow -226007**

**Reply of Prebid meeting dated 02.12.2021**

**1- Clarifications of Advanced coal Petrological Microscope with spectrometer for reflectance studies as amended’.**

The technical committee has considered the request by M/S. Carl Zeiss India Pvt. Ltd via email on 7-12-2021 and agreed to amend certain points to the tender (Tender No. BSIP/TENDER/STORES & PURCHASE/2021-2022/).

1. It has been agreed to Amend the tender for item no.1 as ‘**Advanced coal petrological Microscope with spectrometer for reflectance studies’**’.

Few amendments were made to the technical specification also which is mentioned as ‘**agreed to the request**’ in the following table. The Agreed requests and clarifications shall be listed in the corrigendum of the said tender.

<b>Tender Specification</b>	<b>Request for Amendment</b>	<b>Remarks</b>	<b>Reply</b>
<b>Agreed requests</b>			
Front display of operational changes of Contrast, Illumination, objectives, etc.	Front or <b>side</b> display of operational changes of Contrast, Illumination, objectives, etc.	To make it general. Zeiss Microscope is having display on the right side of the microscope.	<b>Agreed to the request</b>
KotterGraticule for Microlithotype Coal analysis.	Kotter Graticule for Microlithotype Coal analysis or <b>equivalent.</b>	To make it general. Every manufacturer uses different terminology.	<b>Agreed to the request</b>
SMITH reflector for Pol (advanced Pol-sensitivity).	SMITH reflector for Pol (advanced Pol-sensitivity) or <b>equivalent.</b>	To make it general. Every manufacturer uses different terminology.	<b>Agreed to the request</b>
The Reflectance study by this attachment as well as the Software to be supplied will	The Reflectance study by this attachment as well as the Software to be supplied will	This should be changed to CCD as these detectors are what most people use. They are	<b>Agreed to the request</b> <b>May be mentioned as The</b>

follow the International Committee of Coal and Organic Petrology (ICCP) Standards as well as ISO/ DIN Norm 7404-5 standards. Spectrometer based on dedicated Diode Array Spectrometer for Coal and Organic Petrography to work under ISO 7404-5	follow the International Committee of Coal and Organic Petrology (ICCP) Standards as well as ISO/ DIN Norm 7404-5 standards. Spectrometer based on dedicated <b>CCD Spectrometer</b> for Coal and Organic Petrography to work under ISO 7404-5	also more sensitive to the low light levels from coal and give a better SNR. Also, the specification calls CCD just a few lines down the page.	Reflectance study by this attachment as well as the Software to be supplied will follow the International Committee of Coal and Organic Petrology (ICCP) Standards as well as ISO/ DIN Norm 7404-5 standards. Spectrometer based on <b>dedicated Diode Array Spectrometer/ CCD Spectrometer</b> for Coal and Organic Petrography to work under ISO 7404-5
Ethernet connection for control by PCs, SMA-fibre optic adaptor,	Ethernet connection for control by PCs, SMA-fibre optic adaptor <b>or direct optical connection.</b>	<b>Direct optical connection gives better and more stable results including the ability to measure fluorescence spectra with the same instrument.</b>	<b>Agreed to the request</b>
Pol Observation phototube FOV 25mm with 3-beam splitter: - 100/50/0 with variable port.	Pol Observation phototube FOV 25mm with 3-beam splitter: - 100/ <b>50or70:30</b> /0 with variable port.	To make it general. Zeiss offers 70:30	<b>Agreed to the request</b>
Sensor: Highly sensitive back thinned CCD-sensor, highly stable ceramic polychromator module	Sensor: Highly sensitive back thinned CCD-sensor, highly stable ceramic polychromator or <b>cast aluminum monochromator</b> module	<b>Craic, USA</b> use a highly stable cast aluminum monochromator like 99% of the spectrometer manufacturers in the world. It offers better results than a polychromator.	<b>Agreed to the request</b>
Integration time: can be adjusted from 2ms - 7sec.	Integration time: can be adjusted from <b>14ms</b> - 7sec.	<b>Craic, USA</b> offers 14 ms minimum and up to 2 minutes maximum. The longer integration time is more	<b>Agreed to the request</b>

		important than the minimum as coal has very low light levels.	
Camera: Digital cooled color camera with CCD sensor (2/3") Dedicated cooled fluorescence color camera with USB3.0 interface, 1920 x 1440 (~ 2.8 MP); 4.54 μm x 4.54 μm pixel size and a typical full well capacity of 15.000 electrons, Exposure time- 4 μsec - 200 sec, 1x1 (1920 x 1440) 40 fps, (1280 x 1024) 50 fps, 3x3 binning ~90 fps, c-mount-0.7x, A/D converter-16-bit, various binning modes (color and monochrome)	Camera: Digital cooled color camera with <b>CCD/CMOS</b> sensor (2/3") Dedicated cooled fluorescence color camera with USB3.0 interface, 1920 x 1440 (~ 2.8 <b>or 5 MP</b> ); 4.54/3.4 μm x 4.54/3.4 μm pixel size and a typical full well capacity of 15.000 electrons, Exposure time- 4 μsec - 200 sec, 1x1 (1920 x 1440) 40 fps, (1280 x 1024) 50 fps, 3x3 binning ~90 fps, c-mount-0.7x, A/D converter-16-bit, various binning modes (color and monochrome)	<b>To make it general</b>	<b>Agreed to the request</b>
<b>Clarifications</b>			
Wavelength Range: 180nm - 980nm (upgradeable)		<b>Is this for just the detector or for the entire microspectrometer?</b>	<b>For the entire micro spectrometer.</b>
Acquisition time: 15 ms/spectra or less.		<b>This is very confusing. How does acquisition time differ from integration time?</b>	<b>Acquisition time is the time required for the ADC to capture the input voltage during sampling</b>
<b>Not agreed request(s)</b>			
Set of objectives, 5x, 10x, 20x for (with or without cover slip) and Reflected Light 20x/oil, 50x/oil.	<b>Please remove 20 x/oil objectives.</b>	To make it general. Since, you have asked for 20x/0.50 dry objective with better N.A 20x oil objective is not needed. 20x/oil objective will be supplied only by Leica.	<b>Not Agreed. No Change in this technical specification.</b>

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**2- Pre bid Meeting Clarification of Core Cutter :**

**Commercial :**

1. **Our Query :** TERMS AND CONDITIONS – GENERAL Sl. No. 1 - The tender document fee of Rs 5000/- +18%GST(non-refundable)  
**Reply-** The tender document fees of Rs. 5000 plus GST 18% will be payable to all bidders. The tender fees exemption will be given to the parties/ vendors who have the MSME ( UDYOG ADDHAR) valid registration certificate.
2. **Our Query :** TERMS AND CONDITIONS – GENERAL Sl. No. 9 - Earnest Money Deposit 5%  
**Reply-** The Earnest Money deposit ( EMD) @ 5% will be payable to all bidders. The EMD exemption will be given to the parties/ vendors who have the MSME ( UDYOG ADDHAR) valid registration certificate.
3. **Our Query :** GENERAL Sl. No. 9 - Performance Bank Guarantee 10%  
**Reply-** The Performance Bank Guarantee will be payable @ 3% as per OM No- G-20016/01/2020/TF-II dated 17 November 2020 to all bidders.

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**Subject- Pre bid Meeting Clarification for Agico Spinner Kappabrdige**

- 1) Please confirm the required bid validity as at some place it is mentioned 120 days and at some place it is mentioned up to 31-03-2022.  
**Reply- The bill validity period is 120 days from opening of the Bid.**
- 2) We propose BSIP to consider in purchasing the AMC without spares, in place of 3 years warranty as by this the monetary shell out will be minimized and you can enter into a AMC Contract for 3 years at the time of placing the PO with us which will fix the prices to be paid at a later date each year, otherwise you will be paying us for the next 3 year warranty period in advance along with the order.  
**Reply- AS per tender requirement CMC will be tenable.**

It may please be noted that the manufacturer only provides standard warranty for 1 year (12 months) alongwith the equipment from the date of installation and for 3 years their will be an extra charge which we will quote, if required at the time of bidding.

**Response: No change in tender the clause of 3 years warranty.**

- 3) Kindly note that the delivery period of Item No.3, is minimum 5 months from the date of receipt of order and payment hence kindly note the same and keep the delivery period as 5 months in the tender documents.

**Response- No Change in delivery period.**

- 4) Since the **item at Sl. no.3, i.e, Kappabridge with 3 D Rotator is a proprietary product** of our manufacturer M/s. AGICO, Czech Republic, which is further supplied through their Exclusive Authorized Distributor M/s.ASC Scientific, USA

to us in India hence we will be bidding as an importer for the same. Our manufacturer has a clear policy for the sale of their products :-

1) They donot allow us to give any Bid Security & Performance Security to fetch an order for their products. Our manufacturer is the only company in the world who solely manufactures these products and in order to support their claim they also issues a Proprietary Certificate. Please find enclosed their Proprietary certificate in this regard and we request you to kindly consider the same and allow us to submit our bid without the submission of Bid Security & Performance Security.

**Response- - The tender document fees of Rs. 5000 plus GST 18% and earnest money deposit ( EMD) will be payable to all bidders. The tender fees exemption and EMD will be given to the parties/ vendors who have the MSME ( UDYOG ADDHAR) valid registration certificate. However The Performance Bank Guarantee will be payable @ 3% as per OM No- G- 20016/01/2020/TF-II dated 17 November 2020 to all bidders.**

5) During discussion, it was brought to our notice that that the bidder's turnover should be 5 times more than the value of his bid (it means if our bid value is Rs.1/- Crore then the sum up of our last 3 years turnover should be Rs. 5/- crore). Kindly provide us a copy of Government's circular in this regard asking to comply such conditions so as to understand it fully as we have never come across to such a clause in past.

As it is evident that during the last 2 years the COVID-19, Pandemic has spread around the country and as well as around the globe hence due to this their have not been any purchase for such imported equipments in India. The business of each & every single company/entrepreneur has badly affected severely. Everybody has gone through a worst period and have experienced business crisis, financial crisis throughout the country. While lockdown and social distancing resulted in productivity loss on the one hand and on the other hand it also caused a sharp decline in demand for goods and services by the consumers, thus leading to a collapse in economic activity. Measures taken to contain the virus have significantly affected economic activity, which in turn has brought down the financial standing of the companies in the market as their no business during the last 2 years.

**Response- The company should have positive Turnover in last three years. The company should have completed 2 or more than two orders of tendered value in last year and Purchase orders may be attached with the Bid.**

Keeping this in view, it is requested to accept the Proprietary Certificate in lieu of Bid Security & Security & delete the following conditions from the tender :-

Performance

A) Submission of Bid Security & Performance Security.

B) Submission of CA certificate about having the Turnover of 5 time more than the bid value. Inplace of this, we propose BSIP should ask the vendor to submit their last 3 year ITR's to prove their existence in

the market.

**Response- As examined above.**

6) Please also confirm that your good office will provide **both** Custom Duty Exemption Certificate and GST certificate alongwith the order. Incase any of the certificate is not provided then the following charges will be applicable as follows :-

Exemption

a) 28% or the applicable Custom Duty.

b) 10% Social Welfare Surcharges on the applicable Custom Duty

c) 18% GST on the Bid/Invoice value.

**Response- The Institute will provide valid DSIR certificate and taxes will be charged accordingly.**

7) We cannot accept 90% payment on supply and 10% after installation as we will be requiring 100% advance alongwith the order so as to supply the material. In past, BSIP has paid us advance for many orders which we have executed by complying all the conditions of the PO hence keeping our past relations in view with your good office, we request you to kindly consider to pay us alongwith the order as this product is of Proprietary nature.

**Response- The payment will be done as per GFR 2017.**