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**Council for Geoscience**

**APPOINTMENT OF A SERVICE PROVIDER TO SUPPLY AND DELIVER TWO (2) NEW HANDHELD X-RAY FLUORESCENCE (HXRF) WITH GRAPHENE WINDOW SILICON DRIFT DETECTOR (SDD) AND PROVIDE SUPPORT AND MAINTENANCE SERVICES FOR PERIOD OF FIVE (5) YEARS TO THE COUNCIL FOR GEOSCIENCE.**

**NAME OF THE BIDDER:**.....

**CLOSING DATE: 19 SEPTEMBER 2025**

**CLOSING TIME: AT 11H00 AM**

ITEM	DESCRIPTION OF THE GOODS	QTY	UNIT COST	TOTAL
1.	<b>Handheld XFR-Ray Fluorescence Spectrometer (HXRF)</b> <ul style="list-style-type: none"> <li>Sample type: rock, soil, water and pulverised</li> <li>Detection area: 20 mm<sup>2</sup> or higher</li> <li>Resolution: 135 –145 eV</li> <li>Operating environment: Temperature range between -10 and 50 degrees (14 F and 122 F); Humidity: 10% to 90% relative humidity non-condensing</li> <li>Detector shutter: dust and water protected</li> <li>Battery life: not less than 4 hours</li> <li>Colour Camera</li> <li>Display LCD: Touchscreen</li> <li>Detector: Silicon drift detector with a high-sensitivity graphene window</li> <li>Elemental range (Detection): Light elements (i.e., Mg, Li, Na, and Mg etc), Major and trace elements (including rare earth elements); purge: Fluorine (F) to Uranium (U)</li> <li>Connectivity/Data output/transfer: Support Bluetooth</li> <li>GPS: Embedded GPS</li> <li>Battery type and capacity: Lithium-ion / other derivative of Lithium</li> <li>Data memory: not less than 1GB</li> <li>Weight including with battery: &lt; 2kg</li> </ul>	2		

<b>2.</b>	<b>Standard accessories of the Gravimeters must include:</b> <ul style="list-style-type: none"> <li>• Extension pole (length: 1 m)</li> <li>• Probe shield</li> <li>• Power cable/charger</li> <li>• Carrying case-waterproof</li> <li>• Field geo sample preparation kit</li> </ul>	2		
<b>3.</b>	Training in the use of equipment (10 employees)	10		
<b>4.</b>	Delivery	1		
<b>5.</b>	Other charges (specify) if applicable	1		
	<b>SUBTOTAL</b>			
	<b>VAT @15%</b>			
	<b>GRAND TOTAL</b>			

#### **SUPPORT SERVICES**

<b>Description</b>	<b>Unit cost VAT Inclusive</b>
Handling fee at cost plus mark -up % (repairs)	%
Handling fee at cost plus mark -up % (parts)	%
Handling fee at cost plus mark -up % (freight, duties, customs etc)	%

- All pricing to be quoted in South Africa Rands. Where your product is influenced by foreign currency fluctuations, kindly stipulate the exchange rate used. Note that any foreign exchange risk remains that of the supplier. Any exchange control approval remains the responsibility of the supplier. All fees and expenses are inclusive of any export and import tax.
- All pricing quoted must be inclusive of VAT. In an event that non-VAT vendor intentionally or erroneously quoted prices inclusive of VAT, the CGS shall consider total price exclusive of VAT in consultation with the affected service provider(s)
- Bidders must quote based on a fixed-price-fixed-scope approach. No variations to the contract price will be allowed once the fee has been approved.

## **TREATMENT OF ARITHMETIC ERRORS IN THE BID PRICE**

If the pricing schedule apply and there is an error in the line-item total resulting from the product or services of the unit rate and quantity, the line-item total shall govern, and rate shall be corrected. Where there is obviously gross misplacement of the decimals point in the unit rate, the line-item total as quoted shall govern and the unit rate shall be corrected.

Where there is an error in the of the prices, either as result of other corrections required by the checking process or in the bids addition of prices, the total of the prices shall govern, and the service provider will be asked to revise selected item prices to achieve the total quoted price.

No bidder shall be offered competitive advantage to change total quoted prices after the closing of the bid

.....	.....
Signature	Date
.....	.....
Position	Name of bidder