

**THE UNIVERSITY OF AZAD JAMMU & KASHMIR
MUZAFFARABAD**

(INSTITUTE OF GEOLOGY)

TENDER DOCUMENT

For



**The Purchase of Scientific Equipment,
Furniture and Computer Accessories**

**Director
Institute of Geology
The University of Azad Jammu & Kashmir Muzaffarabad
Phone #: 05822-960413**

CONDITIONS FOR SUPPLY OF ITEM(S)

- Pay Order Call Deposit Receipt (CDR) @ 2% of total amount of bid (refundable) in F/O The Director Finance & Planning must be attached with the quotation/offer. No firm is exempted from this condition.
- The Purchase Committee reserves the right to increase or decrease the quantity of any item(s). Moreover the item(s) may be deleted.
- All prevailing taxes must be included in the rates as per government rules.
- All required documents must be provided at the time of submission of quotation
- Firms must have their own setup.
- The rates should be quoted on F.O.R. Muzaffarabad basis.
- Rates must be valid for a period of 90 days.
- Prior to issuance of supply order the Purchase Committee may visit the firm to examine the setup/worth of the firm in market.
- Detailed specifications are given in the Tender Document. Firms are asked to quote the prices according to the specifications.
- Tender must be supported with proof of Sales Tax Registration and Income Tax Registration Certificate.
 - Last date of submission of bids is 28-02-2017. The bids shall be opened in the presence of the bidders or their authorized representatives, if any on 07-03-2017 at 10:00am in the Office of The Dean Faculty of Sciences University of Azad Jammu & Kashmir Muzaffarabad.

Payment Schedule:

- a. All payments in Pak Rupees (through crossed cheque) after delivery & checking.
- b. Warranty for Machinery & Office Equipment: One year complete warranty or as per manufacturer policy, whichever is more.
- c. An amount equal to 10% of total amount of the bill shall be retained by the University as a security deposit which shall be released at the end of the warranty period. This condition is applicable for Machinery & Office Equipment.

Deductions/Payment of Taxes:

- 1/5th of the sales tax declared in sales tax invoice presented by the registered supplier shall be deducted at the time of payment.
- Income Tax as per rules.
- Tajweed-ul-Quran Trust (T.Q.T) @ Rs. 2/- per thousand.
- Education Cess @ Rs. 5% on income tax invoice value.
- K.L.C @ Rs. 300/- to 600/- on total amount.
- Stamp Duty @ 0.25%.
- Any tax imposes by the government.
- The Purchase Committee reserves the right to accept or reject any/all bids without assigning any reason(s).

Note: Tender Documents fee is Rs. 500/-. Bank Challan/Draft are acceptable. Quotation without Tender Documents fee will not be entertained.

DETAIL OF EQUIPMENTS

A- LABORATORY EQUIPMENT

S.#	Item	Description	Qty.
1-	Stereo Zoom Microscope	Trinocular with 360 ^o rotating and 45 ^o inclination with inter-papillary adjustable between 52-75mm with dioptic compensation on both eyepiece tubes Stereo Zoom. Stereo Microscope should consist of following: Multiple coated, Para focal achromatic Zoom, High performance optical system. Para focal Objectives: 0.67-4.5X Total Magnification of 180X or better Working Distance: 110mm or better Eye Piece: Micrometric 10Xmm or better Incident and transmitted illuminators stand with rack and pinion system with Polarizing set (filters and rotating stage). Approved Panel: Japan, Germany, Italy. OR LATEST MODEL	01
2	Trinocular Polarizing Microscope 40x-640x	Eyepieces: WF10X and 16X Objectives: 4X, 10X 40X Head: 45 degree inclined Gemel type of trinocular head <ul style="list-style-type: none"> • Nosepiece: quadruple • Focusing System: coaxial coarse fine controls • Coarse Adjustment Travel Range: 28mm (stage movement distance up/down) • Fine Adjustment Division: 0.002mm • Stage: rotatable circular, 360 degree rotatable circular worktable, a dose value of mark 1, a dose value of vernier 6' • Slice: plug type • Condenser: NA1.25 • Polarizer: 360 degree (0/90/180/270 four type graduation) rotatable vibration, apparatus with locking, being able to shift out the optical way. • Color Filter: blue • Objective Centering Wrench: 1.5 mm • Illumination: 6V/20W halogen bulb, adjustable brightness, CE certified • Total Overall Height of Microscope: 485mm OR LATEST MODEL	01
3	STAGEEDGE 4.0 Automatic Point Counter (ENDEEPER)	Accuracy: $\pm 5\mu\text{m}$; > Minimum repeatable step size: $2\mu\text{m}$; > Smallest step size: $0.5\mu\text{m}$; > Possible step sizes: software programmable; > Complete record of quantification pathway; > Joystick with three speeds; > Maximum movement speed: 10 mm/s; > Controller 0.8 kg; dimensions 170 X 110 X 40 mm; > Stage 0.3 kg; dimensions 205 X 165 mm; > Stage height: suspended thin-section (11 mm) / thin-section on the rotational base (14 mm); > Support for vertical or horizontal thin-section positioning; > Maximum transverse distance: 45 X 45 mm; > Maximum slide size: 90 x 50 mm; > Compatible with Microsoft® Windows OR LATEST MODEL	1 Set

4	Petroledge (Software) System for Sedimentary Petrography. Stageledge compatible	PETROLEDGE is an intelligent database application for the description and interpretation of sedimentary rock descriptions with the objective of supporting the evaluation of oil reservoirs. OR LATEST MODEL	01 CD
5	Sieve Shaker	Electromagnetic vibrating test sieve shakers are engineered to provide dependable, accurate particle analysis, quickly and consistently.	1 Set
6	Wooden Slide Box	Ajax Scientific Wooden Slide Box, 50 Slide Capacity	01 Dozen
7	Wooden Slide Cabinet	For storing slides individually in vertical position 12 wooden grooves. Framework made of 15mm plywood with top and sides covered with sunmica laminated sheet. Door provided with best quality lock	6 Set
8	Rock Fragmentation (Complete)	Wheel Press (Manual) Jaw Crusher Disc Mill Sieve Shaker and Sieves	01 Set
9	Terrestrial Laser Scanner RIEGL VZ-6000	3D Ultra Long Range Terrestrial Laser Scanner with Online Waveform Processing	01
10	Geosoft Oasis Montaj Software	Research Advance License with GMSYS 3D (Complete Package with all extensions)	01
11	Portable Proton Magnetometer	Model G-857 Accessories: Germin Oregon 60GPS Receiver. Rechargeable Gel-Cell Batteries with sure-seal connector, Spare sensor and sensor cable for G856 AX and G857 proton magnetometer	01
12	Diamond core extraction Bits (NX Size)	Diamond core extraction Bits (NX Size)	03
13	Diamond core extraction bit local made (NX size)	Diamond core extraction bit local made (NX size)	20
14	Diamond core extraction Bits (47 mm)	Diamond core extraction Bits (47 mm)	10
15	Diamond Blade	Diamond Blade	01
16	Strain Gauges (20 mm)	Strain Gauges (20 mm)	3 Packet
17	Digital Balance (0.01g accuracy & capacity up to 5kg)	Digital Balance (0.01g accuracy & capacity up to 5kg)	01
18	Digital base plate	Digital base plate	01
19	Silica Gel	Silica Gel	1kg
20	Sodium Sulphate	Sodium Sulphate	10kg
21	Desiccator	Desiccator	01
22	CBR Base plate	CBR Base plate	01
23	Elongation Gauges	Elongation Gauges	01
24	Acid dispensing bottles	Acid dispensing bottles (Hydrochloric acid diluted to a 10% solution): Geologists use dilute (5% to 10%) hydrochloric acid when testing carbonate rocks and minerals in the field and laboratory. A dispensing bottle is used to apply one drop of dilute acid when performing the test. These bottles are not recommended for use with other types of acids,	01

		acids of higher concentrations, or for long-term storage. Dispensing bottles for dilute acid in 1/2 ounce and 1 ounce sizes. They consist of three parts: bottle, dispensing tip, and screw-on cap.	
25	General Fossil Study Kit	A collection of 15 different plant and animal fossils from a wide range of time periods. Each specimen is identified and placed into the geologic time scale.	01
26	Mineral Study Kit	Fifteen representative specimens of rock-forming minerals, including: fluorite, feldspar, hematite, pyrite, quartz, calcite, muscovite, magnetite, gypsum, talc, halite, biotite, graphite. Each specimen measures about one inch across. Small plastic hand lens and streak plate included. Packaged in an attractive specimen box with a plastic tray to keep your collection organized	01
27	Gem Mineral Study Kit	This collection contains fifteen specimens, each representing one gem mineral or material in a rough (uncut) state. Examples of gem materials that might be included: corundum, tourmaline, obsidian, amazonite, rose quartz, garnet, petrified wood, amethyst, smokey quartz, aventurine, chalcedony, agate, jasper and others. The specimens represent the type of material which is used for gem selection, but they are not necessarily of the high quality to produce a finished gem. Packaged in an attractive specimen box with a plastic tray to keep your collection organized. Specimens range in size from approximately 1/2 inch to over 1 inch in maximum dimension. T	01
28	Mineral Hardness Test Kit	This kit contains nine mineral specimens that can be used to determine the relative hardness of an unknown specimen. It can be used in the field, classroom, or laboratory. The minerals contained in the kit and their respective Mohs Hardness Scale values are: talc (1), gypsum (2), calcite (3), fluorite (4), apatite (5), orthoclase (6), quartz (7), topaz (8) or beryl (7.5 to 8), and corundum (9). Diamond (10) is not included. Packaged in a sturdy box with a plastic tray to keep the collection organized.	01
29	Deluxe Mineral Hardness Picks (In a wooden case or plastic case)	The set includes: <ul style="list-style-type: none"> • Four double ended picks with hardness points of 2-9 on Mohs hardness scale • A grinding plate for sharpening your points • Streak plate • Glass plate for quick "hard" or "soft" determination • A hardness plate with a hardness of 3.5 • Magnet • Paper table listing common minerals and their hardness • Hardness testing instructions • All of this in a compact (7" x 2 1/2" x 1 5/8") wooden or plastic case that takes up minimal space on a desk or shelf. 	01
30	Grinding Wheel	80 Mesh, Grit size diamond wheel 6" dia 180 Mesh, Grit size diamond wheel 6" dia	01

B- COMPUTER ACCESSORIES

S.#	Item	Description	Qty.
1	Lap Top Computer With Carry Bag	HP Core-i7, Hard Disk 500GB, RAM 4GB, ROD DVD Combo + Writer, Operating System Genuine Windows-8, Motherboard Driver DVD/CD with all accessories.	02
2	Desktop Computer With 21" LCD	HP Core-i-7, 1 TB HD, 16GB RAM, DVD Combo + Writer ROM. Graphics Card 2GB Radon 4750, Operating System Genuine Windows-7 (64Bits), Original Mother Board Drivers DVD/CD with all accessories	03
3	Printer Black & White	HP Laser Jet Pro-400 M401dn OR Latest	03
4	Printer Colour	HP Latest Model	01
5	Scanner	HP Extra Large Latest	01