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बीरबल साहनी पुरविज्ञान संस्थान  
BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES

53, विश्वविद्यालय मार्ग,  
53 University Road,  
लखनऊ-226 007  
Lucknow-226 007  
भारत (INDIA)

(भारत सरकार के विज्ञान और प्रौद्योगिकी विभाग का एक स्वायत्तशासी संस्थान)  
(AN AUTONOMOUS INSTITUTE UNDER DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVERNMENT OF INDIA)

संख्या  
No. BSIP/W&B/Space for TGA/ 2022-23/ L-149

दिनांक  
Dated 27-04-2023

Website BSIP. Lucknow

Sub: Civil Work in Advanced Petro Geochemical Lab under Dr. Runcie Paul Mathews at BSIP, Lucknow – Extension for inviting quotations

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Dear Sirs,

This Institute planned to convert a space in the existing building for Keeping TGA Machines in Advanced Petro Geochemical Lab under Dr. Runcie Paul Mathews – Brick wall partition, Construction of platform with granite top, Provision of lab sink, False ceiling, vitrified tile on floor, Aluminium door and Provision of wooden shutter including drawers under the granite platform. The agencies who can carried out this nature of works are requested to submit their quotations in sealed cover, after survey of the site at "Birbal Sahni Institute of Palaeosciences, 53-University Road, Lucknow-226007" so as to this office on or before 05:00 P.M. "extended period" on 08-05-2023 duly super scribed "Quotation for Civil Work in Advanced Petro Geochemical Lab under Dr. Runcie Paul Mathews at BSIP, Lucknow."

Price should be mentioned for the complete work.

Payment will be made after satisfactory completion of work.

Yours faithfully

  
(Sandeep Kr. Shivhare)  
Registrar

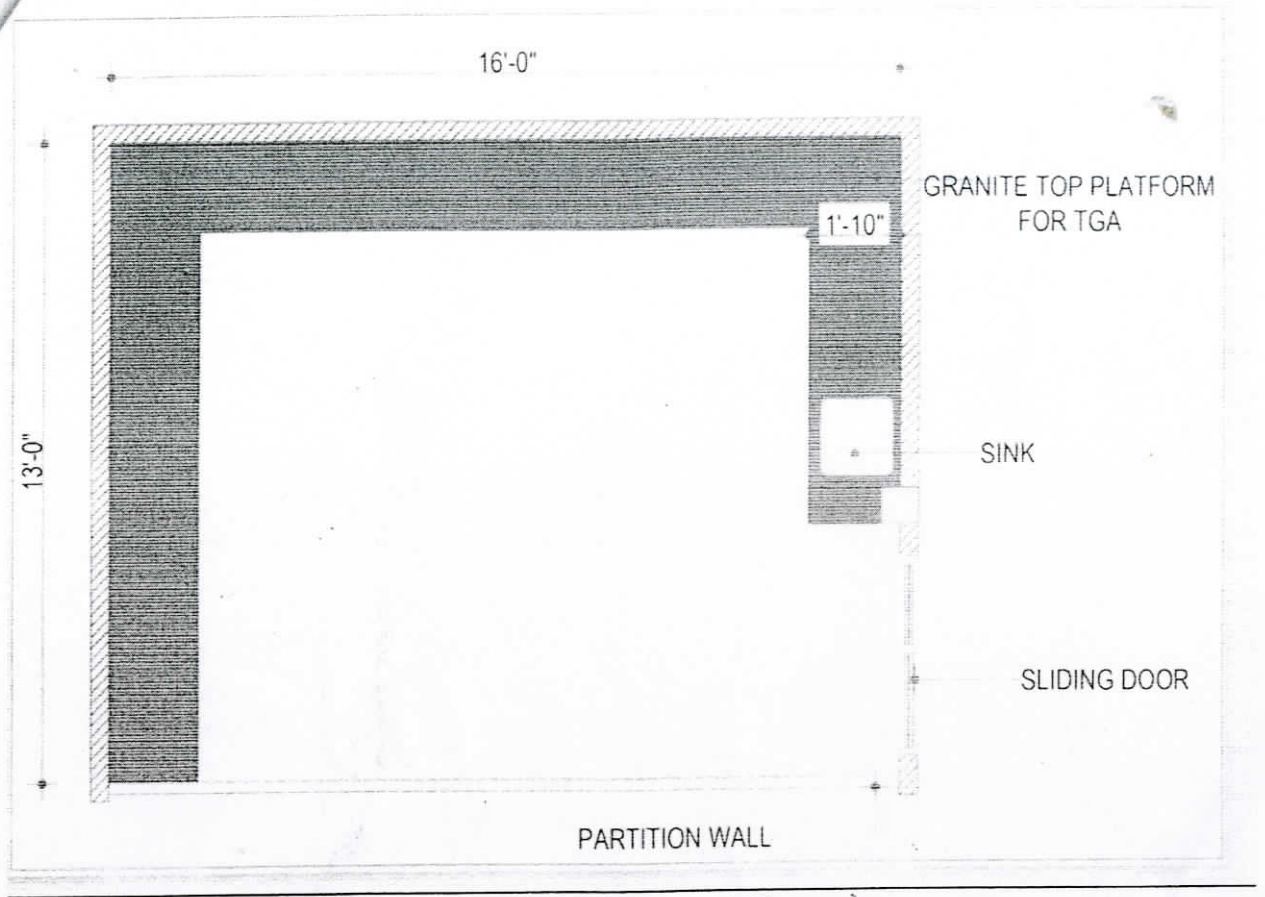
# Specification & BOQ

Name of the work : Up gradation of Lab For Keeping TGA Machine

Subject: Specification for TGA lab

| Sr. No | Description of Item  | Unit | Quantity   |
|--------|--|------|------------|
| 1      | Split Inverter AC with Complete indoor and outdoor unit connection through the refrigerant pipes to be used within laboratory of 2 Ton.  | Set  | 1 No's     |
| 2      | Exhaust Fan with minimum exhaust rate of 100 cfm with a smooth interior surface that is air tight and equipped with a back draft damper/ Flip.   | Set  | 1 No's     |
| 3      | Partition: Full height partitions: Providing & fixing in position upto false ceiling level.<br>Preferably PUF Partition Panel -Minimum Thickness 45 mm and Capacity to Resist High Temp, as the sample will release volatile materials or generate combustion components as it burns.  | Set  | 150 Sq. Ft |
| 4      | Platform with Granite Top - 20 -22 mm $\pm$ 3 mm with under Storage Cabinet having Drawer & Shutter of SS including all accessories as Telescopic Channel, Hinges , Handles and hardware's from Reputed Brands.<br>Profile Handle for shutters and drawers ,Cabinets with Provision Of Double Shutter , Drawer & Height Adjustable Shelves | Set  | 110 Sq. Ft |
| 5      | Lab Sink with Accessories  | Set  | 1 No's     |
| 6      | False Ceiling -Providing and fixing Metallic False ceiling consisting of 5mm suspension rod, adjustable spring loaded suspension clip along with necessary strengthening and supports for fixing of these.   | Set  | 210 Sq. Ft |
| 7      | Vitrified Tiles For Flooring - square or rectangular of nominal sizes such as: 600 x 600 mm; 900 x 900 mm as directed by the Engineer-in-Charge/ Lab Incharge  | Set  | 250 Sq Ft. |
| 8      | uPVC Door -Moisture Free , High Temperature Resistant Door Having Minimum Thickness 30mm or more -Sliding Door 4 Feet X 7 Feet with Frames accessories and Rails Required for installation Of Doors  | Set  | 32 Sq Ft.  |
| 9.     | The Buider should have registered firm office in Lucknow and experience in furnishing of lab.  |      |            |
| 10.    | The firm shouldmust possess ISO 9001, GMP, CE certificates   |      |            |

Below is the TGA laboratory layout as per the requirement



Layout for TGA laboratory