

DEVELOPING THE KEY OF SUCCESS

TECHNOLOGY TO SUPPORT YOUR BUSINESS



BRIGHT LAB

To:**DEAR CONCERN****Subject****QUOTATION FOR COAL TESTING LAB EQUIPMENT**

Sir,

We are pleased to offer you our expertise in Coal Lab Equipment for import as well as on commercial basis. Considering your esteemed reputation and business goodwill in the market, please find our best lucrative rates for each product as mentioned below.

NO.1

SAMPLE COLLECTION AND DIVIDING EQUIPMENT

This will include

- Sample Collection scope
- Sample Mixing Tray
- Raffle with Three Boxes

**Make & Origin****Pakistan****NO.2**

JAW CRUSHER FOR COAL

Lab Jaw Crusher:

Small Laboratory Crusher is designed to speed up the crushing of aggregate, ores, minerals, Coal, Coke, Chemicals and other similar materials. It is compact and of rugged construction for general laboratory or small pilot plant operations.



Specifications:

Jaw Size	100 x 150 mm
Max. Size of feed	30 mm (approx.)
Product discharge size	06 mm to 18 mm (adjustable)
Capacity	250 kg/hr. (approx.) (based on material)
Operation on	440-V, 3-PH, 50-Hz, A.C. complete with a 3-H.P

Make & Origin**Pakistan**

NO.3

COAL PULVERIZER (GRINDER)



Make & Origin
China

NO.3

SWING MILL

Specifications:

Charge weight	100g
Loading Grain Size	<13mm
Particular size	120-200 mesh
Output Power	1.1 KW
Speed	960rpm
Current Phase	380V
Weight	130kg



Make & Origin
CHINA

NO.4

ANALYTIC WEIGHT BALANCE

Specifications:

Capacity	0-210g
Readability	0.1mg
Repeatability	± 0.2mg
Linearity	± 0.2mg
Pan Size	80mm dia
Net Weight	6000g
Power Supply	110V/220V-240V AC



Make & Origin

CHINA / EUROPEAN (as per customer choice)

NO.5

AIR DRYING OVEN

Specifications:

Temperature Range	RT+5 ~ 300°C
Ambient Temperature	RT+5 ~ 40°C
Timing Range	1~9999min
Shelve Nos	2
Consumption	600W
Power Supply	110/220V ± 10%, 50/60hz
Internal Size	(W*D*H)mm 260x260x260
External Size	(W*D*H)mm 382x440x550



Make & Origin

PAKISTAN

NO.6

HALOGEN MOISTURE METER

Technical Parameters:

Range(g)	50
Readability(g)	0.005
Operating Temp. Range	5°C ~ 35°C
Display	LCD
Calibration	External
Pan size	Φ90mm
Dimension (WxLxH)	200x180x380 mm
Weight	5.8 kg
Heat Source	Halogen Lamp
Temp. Sensor	PT-100
Temp. Range	40°C ~ 199°C
Temp. Step	1°C
Moisture Range	0.00% ~ 100.00%
Moisture Readability	0.01%
Dry Residual range	100.00% ~ 0.00%
Dry Residual Readability	0.01%



Make & Origin RADWAG / SHIMADZU
POLAND / GERMANY

NO.6

HALOGEN MOISTURE METER



Make & Origin SHIMADZU
CHINA

NO.7

MUFFLE FURNACE

Muffle furnace is equipped with new registered the first domestic production of automation instrument XMT series thermocouple, temperature control and the corresponding temperature precision is higher. Electric furnace is widely used in all kinds of laboratories, industrial mining enterprises, scientific research units for element analysis and determination of small pieces of quenching, annealing, tempering heat treatment work, etc.

Main Technical Specifications:

Rated Power	2.5-4.0 KW
Voltage	220V/50HZ
Rated Temperature	1100°C
Size of WR	200x120x80



Make & Origin

Pakistan

NO.7

INTELLIGENT MUFFLE FURNACE

Product Technical Parameters

Temperature Range	100 ~ 1100°C
Wave Motion	2
Display Accuracy	1°C
Temp. Uniformity Degree	± 5-7°C
Furnace Size	300x200x120 mm
Heating Rate	≤10°C lower than any adjustable speed each minute 10°C
Power	5-KW
Source	220V, 50Hz



Make & Origin

Apex (Hebi City Thermal Instruments Co.)

CHINA

NO.8

COAL SULFUR ANALYZER

Microcomputer fast one sulfur Analyzer is mainly used for the determination of coal, steel, and various minerals total sulfur content, therefore, the instrument for coal, electricity, metallurgy and geological exploration and related testing, measurement and other departments laboratory use.

Main Technical Specifications:

Sulfur measurement Range
0-100%
Heating Time
≤ 25 minute
Analysis Time
about 3-5 minute
Resolution
0.001%



Make & Origin
CHINA

NO.9

OXYGEN BOMB CALORIMETER

Bomb Calorimeter is microcomputer automatic calorimeter is used in Industries like Power Plant, metallurgy, petrochemical, environmental protection, cement, paper, research institutions and other sectors for measuring calorific value of coal, petroleum coke and other combustible materials, in line with the national standard GB / T213-2008 "



Technical Parameters:

Calorimeter Measurement accuracy	in line with GB/T213-2008
Calorimeter using the environment	5 ~ 40°C (each measuring temp. changes should $\leq 1^\circ\text{C}$)
Calorimeter Resolution	0.0001°C
Calorimeter Precision	$\leq 0.1\%$
Power Source	AC220V $\pm 10\%$, 50 Hz

Make & Origin

CHINA

NO.10

COAL LAB AUXILIARIES

This includes all the Chemicals, Reagents, Glass ware and Ceramic Crucibles required for coal testing lab and complete list will be provided before dealing



TERMS & CONDITIONS

- Payment term is 70% advance, remaining 20% after 10 days & 10% in shape of PDC at the installation.
- Equipment is in stock and supplied once advance is received.
- Consumable will be delivered as and when required.
- Test methods training according to ASTM and literature provided to your lab staff after having training fees however installation is free of cost.

LAB INSTALLED IN KAUSAR PROCESSING



LAB INSTALLED IN NIMIR CHEMICALS (PARTIAL)



LAB INSTALLED IN AL-BARKA FABRICS



LAB INSTALLED IN ARSHAD CORPORATION



COAL LAB CLIENTAGE



STISFACTORY NOTES





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