

4<sup>th</sup> List

**COMPARATIVE STATEMENT / TECHNICAL PROPOSALS FOR 552(110489) NEW NAME (1086) PROCUREMENT OF EQUIPMENT /  
MACHINERY, FURNITURE & LIBRARY BOOKS FOR GPIS IN KHYBER PAKHTUNKHWA  
DATE OF TENDER OPENING 09-06-2021 (Unit Operations Lab)**

Item No.	Name of Items	Electrical Engineering Services, Lahore.							Anmol Scientific Corporation, Lahore							Al-Waqas Associate, Lahore										
		C.S		P.C		P.L.P		T	Model	C.S		P.C		P.L.P		T	Model	C.S		P.C		P.L.P		T	Model	
		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60		
1.	<b>Jaw Crusher</b> , :with 3 phase 50 to 220 volt, V.Belt Drive with 3 to 3.5 jaw opening, 500 RPM speed capacity50-150 ib/hr.bench space 14.5x21 to reduce rock lamps from 2.5 dia to pass on 10 mesh or finer sieve jaws made of manganese steel corrugated faces	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3550 Pak	40	2	5	-	-	4	4	51	China
2.	<b>Pulverizer</b> :Bron/c casting steel rotor 220 volt, 3 phase, 50N, 1 HP Motor 2600 RPM with V.Belt drive at guards 1.00 ammeter Extra retaining screen with fabric bags for outlet mounted on legs 2 casters for easy movement.	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3551 Pak	40	-	5	-	-	4	4	49	China
3.	<b>Centrifugal pump</b> : with 1/2 HP motor single phase capacity 250gal/min, 30 feet head for 220 volt, 50 N in casting.	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3552 Pak	0	0	0	0	0	0	0	0	Not Quoted
4.	<b>Sample Grinder</b> :Open door dice tyhpe with locking hand wheel to regulate product size antiracism bearings, cast iron traction with stud dises 0 with 6" diadise capacity	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3553 Pak	0	0	0	0	0	0	0	0	Not Quoted

1. Engr. Fazli Saeed, \_\_\_\_\_  
Lecturer (Chemical) GCT, Peshawar

2. Engr. Iatizaz Hassan, \_\_\_\_\_  
Lecturer (Petroleum) GPI, Karak.

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		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60	
	200lb/hr at 20mesh with 2 HP motor, 220 Volt 50 N mlounted on a common mounting base.																								
5.	<b>Lab Ball mill:</b> for wet and dry grinding for ores etc. Sixe: 16" dia mill, 16"x16" with welded stud base extra thick shell with integral cast lifter bars. Capacity: 150lb/hr complete wsith 250 lb of stud balls with 1 1/2 HP 3 phase motor 550 volts 50N operation.	40	-	5	-	4	4	53	CTH-6683 EES-pak	40	-	5	-	-	4	49	ASC-UO 3554 Pak	0	0	0	0	0	0	0	Not Quoted
6.	<b>Sieve Shaker:</b> Height 32" width 34" depth 17" weight in cladding 0.25 HP motor and time switch Capacity: 290lb for 115 vac. 60HZ speet 1750 RPM with sieve set.	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3555 Pak	0	0	0	0	0	0	0	Not Quoted
7.	<b>Portable mixer,</b> with direct drive 4 inch diameter, Stainless steel propellers. 1/4 HP single phgase 50 cycules. 220 v motor	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3556 Pak	0	0	0	0	0	0	0	Not Quoted
8.	<b>Mixing Tank:</b> Capacity 10 gallons stainless steel dull polished inside, Desalted outside slopping bottom of out let connection rein forced top brim steel legs. Complete with ss cover. Outlet valve casters and mixer frame	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3557 Pak	0	0	0	0	0	0	0	Not Quoted

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		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60		
9.	<b>Ph-meter (Digital):</b> Ph 0-16, mv 12000 temperature - 20 to 150c resolution 0.01/ 1 mv/0.1c temperature compensation, manual and automatic (Bench Type)	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3558 Pak	40	-	5	-	-	4	4	49	PHS-25CW China
10.	<b>Water Diminizer:</b> Equipped with different cell shoring % sodium chloride, water in put/ Out put flow rate 501/hr power 220-240v	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3559 Pak	40	2	5	-	-	4	4	51	SCSJ-VI China
11.	<b>Electronic Balance:</b> Digital top loading, capacity 300gms, sensitivity 0.01 gms for 220v weight mod. Gm, once, lbs and kg.	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3560 Pak	40	-	5	-	-	4	4	49	China
12.	<b>Plate and frame filter press:</b> Plate size 2 inch * 12 inch, frame 12*12inch, No. of plate = 13 No. of frame = 12 complete with plunger pump and drive motor 1 HP single phase 220v	40	-	5	-	4	4	53	PFFP EES-Pak	40	-	5	-	4	4	53	ASC-UO 3561 Pak	0	0	0	0	0	0	0	0	Not Quoted
13.	<b>Smoke detector:</b> Portable, standard	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3562 Pak	0	0	0	0	0	0	0	0	Not Quoted
14.	<b>Rectifier:</b> To convert AC to DC Ac in put 220v Dc voltage up to 12v ampere up to 500	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3563 Pak	40	-	5	-	-	4	4	49	Local
15.	<b>Noise meter (Sound level)</b>	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO	38	-	5	-	-	4	4	47	UT-353 UNI-T

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		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60	
	<b>meter</b> ):Two scales (range 35-130 db) portable resolution 0.1 db resolution 0.1 db with acoustical calibration Modal No.332															3564 Pak									China
16.	<b>Nephlo meter (digital portable)</b> :Both for coarse and homogeneous solutions. Power supply 220v Wave length 42-87 nm	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3565 Pak	40	2	5	-	-	4	51	TB-100 China
17.	<b>Magnetic stirrers with hot plates</b> :Electricspeet regulation of 150-2000 rpm Slectable reversible stirring motion	0	0	0	0	0	0	0	Not Quoted	40	-	5	-	4	4	53	ASC-UO 3566 Pak	40	-	5	-	4	4	53	MS-300 China
18.	<b>Raynold Demonstration Unil with hydraulic Bench</b> :To observe laminar, transitional and turbulent pipe flow Reynolds experiment pipe dia 8-10mm Dy-reservoir, Capacity: 0.45-0.50 lit	40	2	5	-	4	4	55	FM-1849-09 EES- pak	40	-	5	-	4	4	53	ASC-UO 3567 Pak	0	0	0	0	0	0	0	Not Quoted
19.	<b>Tray Dryer with digital Balance (complete with all accessories)</b> small scale drying unit used for dew on striation of drying rfate. Heat and mass transfer drying test on solids. Effect of tamp air velocity on drying rate - used for psychometric chart, energy mass balances-1 Capacity 2-3 kg of solid -2 drying compartment	40	1	5	-	4	4	54	THH-313 EES-Pak	40	-	5	-	4	4	53	ASC-UO 3568 Pak	0	0	0	0	0	0	0	Not Quoted

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		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60	
	0.25 - 0.3 mx 0.25 - 0.3 x 0.35 - 0.4 m consisting of digital balance, are mom meter, aerated psychomotor.																								

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