

**COMPARATIVE STATEMENT FOR 551(100336) NEW NAME (1085)- PROVISION OF INFRASTRUCTURE FACILITIES & EQUIPMENT TO THE UPGRADED GPIS AT TIMERGARA, TAKHTBHAI, SWABI, ABBOTTABAD, KOHAT, NOWSHERA TO THE LEVEL OF COLLEGE OF TECHNOLOGY**  
**DATE OF TENDER OPENING 09-06-2021**  
**CIVIL TECHNOLOGY (Applied Mechanics)**

Item No.	Name of Items	M/S Electrical Engineering Services, Lahore.							ESOLS Engineering Education, Multan							Anmol Scientific Company, Lahore									
		C.S		P.C		P.L.P		T	C.S		P.C		P.L.P		T	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>FORCE TABLE.</b> A force table is a common physics lab apparatus that has three (or more) chains or cables attached to a center ring. The chains or cables exert forces upon the center ring in three different directions	40	0	5	0	4	4	53	FFH-116A EES, Pakistan	40	0	5	0	4	4	53	SMT-MM-20 Pak	40	0	5	0	4	4	53	ASC-M-01 PAK
2	<b>1. BENT LEVER APPARATUS</b> THE BENT LEVER AS USED TO MEASURE THE MOMENTS OF PARALLEL FORCES <b>2. LINK POLYGON APPARATUS</b> The apparatus is provided with five linkages and connectors, having hooks to which pans are hung. These are fixed between two pulleys around which rope is run to connect to two extension type spring balances. The unit is very useful for the study of arches, abutments and piers. The wooden rectangular beam is fitted with scale. Without weights.	40	0	5	0	4	4	53	FFH-115 EES, Pakistan	40	0	5	0	4	4	53	SMT-AM-12 PAK  SMT-AM-13 PAK	40	0	5	0	4	4	53	ASC-M-02 PAK
3	<b>BEAM APPARATUS:</b> <b>made with stainless steel (1000 mm long) supported with spring balance and various weights</b>	40	0	5	0	4	4	53	SMH-126 EES, Pakistan	40	0	5	0	4	4	53	SMT-SM-01-B PAK	40	0	5	0	4	4	53	ASC-M-03 PAK
4	<b>CABLE WITH PULLEY AND SPRING BALANCE.</b> One end of the cable to be fixed and the other end after passing through pulley support known weights. The assembly shall be mounted on steel frame.	40	0	5	0	4	4	53	FFH-117 EES, Pakistan	40	0	5	0	4	4	53	SMT-AM-15 PAK	40	0	5	0	4	4	53	ASC-M-04 PAK
5	<b>ROOF TRUSS APPARATUS:</b> with weights (stainless steel members with pin joints and supported with roller and spring support	40	0	5	0	4	4	53	FFH-102 EES, Pakistan	40	0	5	0	4	4	53	SMT-MM-02 PAK	40	0	5	0	4	4	53	ASC-M-05 PAK
6	<b>PROJECTILE MOTION APPARATUS.,</b> (Ballistic pendulum with spring gun and plumb bob, projectile, single pan balance, elevation stand)	40	0	5	0	4	4	49	PM-61 EES, Pakistan	40	0	5	0	4	4	53	SMT-AM-17 PAK	40	0	5	0	4	4	53	ASC-M-06 PAK

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