COMPARATIVE STATEMENT FOR PROJECT: "193183-OVERCOMING OF STAFF/EQUIPMENT DEFICIENCIES IN TECHNICAL INSTITUTES IN FATA" LIST OF EQUIPMENT'S FOR GPI MIRANSHAH DATE OF TENDER OPENING 09-03-2022

(SURVEYING & LEVELLING SHOP)

ltem	Name of Items		(Chau					k LEVELLING SHO valpindi			Sur	ndei	r Tra	ding	Co, I	_ahore				Ali T	radi	ıg Co	, Pes	hawar
No.		С	.S	P	.C	P.	L.P	Т	Model	C	.S	P	.C	P	L.P	Т	Model	C	.s	F	P.C	ı	L.P	Т	Model
		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60	
1	Leveling Staff 5 meter/ 16 ft Leveling staff Aluminum one side feet and one side metric graduation, 16ft / 5 meter in 3 parts with bubble BUT without cover. Local made	40	0	0	0	0	4	44	LOCAL	40	0	0	0	0	2	42	LOCAL	40	0	0	2	0	3	45	LOCAL
2	Ranging Rod. 8ft.Ranging Rod Steel local made. 8ft x 1 part. Local made	0	0	0	0	0	0	0	Rejected Not as per Specification	40	0	0	0	0	2	42	LOCAL	40	0	0	2	0	3	45	LOCAL
3	Plain Table. 24"x 30"Plan Table size 24"x 30"with heavy folding stand. Local made	40	0	0	0	0	4	44	LOCAL	40	0	0	0	0	2	42	LOCAL	40	0	0	2	0	3	45	LOCAL
4	Trough Compass. 5"Trough Compass local. Local made/ China	40	0	0	0	0	4	44	LOCAL	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
5	U-Fork Aluminum with spring local. Local made/ China	38	0	0	0	0	4	42	LOCAL	40	0	0	0	0	2	42	LOCAL	40	0	0	2	0	3	45	LOCAL
6	Alidade.24" Alidade (Sight Rule) brass, graduated, local. Local made/ China	40	0	0	0	0	4	44	LOCAL	40	0	0	0	0	2	42	LOCAL	40	0	0	2	0	3	45	LOCAL
7	Plumb Bob.100 gms .Plumb bob brass.	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
8	Spirit Level.12" Spirit Level Aluminum. Local made/China	40	0	0	0	4	4	48	LOCAL	40	0	0	0	0	2	42	LOCAL	40	0	0	2	0	3	45	CHINA
9	Straight Edge.48" and 72" Straight edge plain 48"brass and 72"copper.	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
10	Parallel Ruler 12", 24" & 30 Parallel ruler brass	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
11	Prismatic Compass. Prismatic Compass with bubble & wooden stand	40	0	0	0	4	4	48	LOCAL	40	0	0	0	4	2	46	LOCAL	40	0	0	2	0	3	45	LOCAL
12	Optical Square Optical square in wooden box. Local made aluminum and brass.	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
13	Gunter Chain. 66ft, 100ft, Measuring chin steel with 10, 15, 50 and 50 arrows respectively.	40	0	0	0	4	4	48	LOCAL	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
14	Cross Staff. 12"x 12"Cross staff 12"x 12"with steel Rod	38	0	0	0	0	4	42	LOCAL	0	0	0	0		0		Not Quoted	40	0	0	2		3	45	LOCAL
15	Survey Umbrella. 54"dia Survey umbrella cloth/ Canvas full steel rod, local made respectively.	0	0	0	0	0	0	0	Rejected Not as per Specification	36	0	0	0	0	2	38	LOCAL	40	0	0	2	0	3	45	LOCAL

16	Measuring Tape. 50ft/15m100ft/30m165ft/50m. Measuring tape fiberglass.	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	CHINA
17	Ebney Hand Level. 6 1/2"& 5"Ebney hand	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Rejected Not as per Specification	40	0	0	2	0	3	45	LOCAL
18	Digital Planimeter. Plainmeter compensating type with trading magnifier.	40	0	0	0	4	4	48	LOCAL	40	0	0	0	4	2	46	China	0	0	0	0	0	0	0	Not Quoted
19	Surveyor Compass. Surveyor compass.	40	0	0	0	0	4	44	LOCAL	40	0	0	0	4	2	46	China	0	0	0	0	0	0	0	Not Quoted
20	Spacing Divider. 6"x 12"Spacing Divider	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted
21	Telescopic Alidade. Telescopic alidade with vertical and horizontal angle movement magnification 12 x with U-Fork trough compass, plumb bob & other accessories,	36	0	0	0	4	4	44	LOCAL	40	0	0	0	4	2	46	China	0	0	0	0	0	0	0	Not Quoted
22	AUTOMATIC LEVEL SPECIFICATIONS Magnification 32X Aperture 45mm CompensatorRange +12' Resolving Power 2.5sec Standard Deviation +0.4mm Accessories with Auto Level Instrument Plumb Bob Hexagonal Wrench Carrying Case	40	0	5	0	4	4	53	AL-M32 Pentax Japan	37	0	0	0	4	2	43	China	0	0	0	0	0	0	0	Not Quoted
23	Auto Leveling Instrument. Leveling instrument of magnification 24x, Aperture 36 mm, Resolving Power 3.5", Aperture, Compensator Range +12'. Complete with Tripod and Staff pole.	36	0	5	0	4	4	49	AP-224 Pentax Japan	36	0	0	0	4	2	42	China	0	0	0	0	0	0	0	Not Quoted
24	Digital Theodolite:- Magnifications 42mm Accuracy 20 sec Focusing Range 0.5mm to infinity Instrument measurements W168mm x L 158mm x 333mm Accessories with Theodolite Instrument Plumb Bob Hexagonal Wrench Carrying Case Instructional manual Heavy Duty Aluminum Tripod Stand	37	0	0	0	4	4	45	Phenix	36	0	0	0	4	2	42	ET-05 Sanding	0	0	0	0	0	0	0	Not Quoted

25	Electronic Total Station.	38	0	5	0	4	4	51	Pentax R-25025	36	0	0	0	4	2	42	China	0	0	0	0	0	0	0	Not Quoted
	Electronic total station which combines in one compact unit a 5-second digital read out								NS																
	with an electronic distance meter, with the following specification:-								113																
	Accuracy 5 sec																								
	Laser Guide light Built in																								
	Laser Plummet 0.5mm Dot																								
	Software Power Topolite software preinstalled																								
	Reflector less distance 400 meters																								
	Distance with single prism 7000 meters																								
	Internal memory 45, 000 points																								
	Date and clock option Built in																								
	A consequing with Total Casting																								
26	GPS (Garmin).	0	0	0	0	0	0	0	Rejected	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted
									Not as per																
									Specification																
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Engr:	Muhammad Adeel Khan,											E	Engr	r. Mu	uhar	nmac	l Sohail,								
_	ant Professor, (Civil) GTTTC Hayatabad Peshawar												_				T Khar Bajaur								

COMPARATIVE STATEMENT FOR PROJECT: "193183-OVERCOMING OF STAFF/EQUIPMENT DEFICIENCIES IN TECHNICAL INSTITUTES IN FATA" LIST OF EQUIPMENT'S FOR GPI MIRANSHAH DATE OF TENDER OPENING 09-03-2022 (PLAIN & REINFORCED CONCRTE SHOP)

Item	Name of Items				KB	L Lah	-	-/\\\	& KE		INCL					Multa	n			Ali Tra	dina	Co. P	esha	war			Anmo	ol Scie	ntific,
No.		_	s	P.0			L.P	Т	Mode	J.	C.S		P.C		.L.P	Т	Model	_	.S	P.C		P.L.P			C.S		.c		P T
		40		5	2	4	4	60	Wioue) 5			_	_	_		_	.s 5	5 2	_		60	+	40 5	_			4 60
1	TURBO FORCED CONCRETE MIXERS, PAN TYPE WITH VERTICAL AXIS Standard: EN 12390-2 - Used to prepare concrete specimens or mixtures, these mixers ensure an uniform, efficient and fast mixture action. They are of easy and practical utilisation, absorb fewer air during mixing and are suitable for laboratory and field purposes. Technical specifications: - Parallel shaft gearbox - Oil bath epicycloidal gearbox - Wear-resistent steel cylinder - Cylinder and main parts in wearproof steel - Safety grid with bag breaker - Adjustable mixing blades - Manual discharge mouth on the bottom - Wheels + tow bar - Axle with tire wheels and drive drawbar - Electric control with magnetothermal overload cutout - Power supply: 230V 1ph 50Hz	0	0	0	0	0	0	0	Not Quote	40	_		_	_			CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model:HJW-100	0	0		_		_	Not Quoted					4 48
2	Heavy Duty Beam Forms (Mold Concrete Specimen) 100x100x500mm molds According to BS1881-109.With clamp attached base plate Accessories:Spanners Tamping Rod. Compacting Rod.	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech Origin:Pakistan Model:ST-C-026	0	0	0 0) (0	0	Not Quoted	40 0	0	0	4	4 48
3	Cube Mold. 100mm cube mold four part design weight 8.3kg with wire brush to clean the mould and Tamping Rod dia 16x610mm long. These cube moulds meet the requirements of EN 12390-1 Specifications. They are checked in the shape, dimensions and tolerance with instruments certified by an Official SIT Institute (or equivalent), and have a Serial Number marked on each side. The produced cube specimens meet the Standards, by avoiding to the enduser any expensive dimensional verification. Certificate of Compliance is supplied. Complete with base plate, clamp type. - four part wall equal design	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech Origin: Pakistan	40	0	0 2	2 (3	45	Local	40 0	0	0	4	1 48
4	SLUMP CONE, STAINLESS STEEL, COMPLETE SET Slump Cone, complete set, including: - Slump Cone, "stainless steel" made - Tamping rod, galvanized steel, dia. 16 x 600 mm - Slump Cone funnel, galvanized steel - Graduated slump scale "engraved in 0,5 cm" increments with sliding measuring rod - Base, galvanized steel, complete - Aluminium scoop, 500 cc capacity - Fine wire brush . Weight: 10 kg approx.	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech Origin:Pakistan Model:ST-C-722	40	0	0 2	2 (3	45	Local	40 0	0	0	4	4 48
5	AUTOMATIC MORTAR MIXER Standard: EN 196-1 - EN 196-3:2005 - EN 480-1 - Robust mixer is expressly designed for the efficient mixing of cement pastes and mortar, with three automatic sequences of mixing cycle, in compliance with: EN 196-1, EN 196-3:2005, EN 480-1 Specifications. Bowl capacity is 4,7 litres Two speeds can be selected: 140 or 285 rpm for the revolving action 62 or 125 rpm for the planetary action possible to select the manual working, or one of the two automatic programs. By operating automatically on changes of speed, stops and mixing sequences, outlined by acoustic signal, the unit performs the mixing cycle. The unit is equipped of an automatic sand dispenser which fills the sand into the mixing bowl for a period of 30 seconds (EN 196-1 program). Complete with safety door	40	0	5	0	4	4	53	UTCM 0885E Utest Turkey	E t	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China	0	0	0 0	0 (0	0	Not Quoted	40 0	0	0	4	4 48

	conforming to CE Safety Directive; if opened it automatically stops the machine. Supplied complete with stainless steel bowl and beater Power supply: 230 V 1ph 50 Hz Dimensions: 340x460x700 mm 1- Weight: 45 Kg.																													
6	BRIQUETTE MOULD, ONE GANG Standard: ASTM C190 - ASTM C307 - AASHTO T132 - Accurately machined it conforms to the above Specifications and is easily collapsible. Complete with base. Weight: 3 Kg	40	0	5	0	4	4	53	KBL	40	0	5	0	0	4	49	SmartTech Origin: Pakistan	0	0	0	0	0	0 0	Not Quoted	40	0	0	0	4 4	1 48
	ELECTRONIC BLAINE AIR PERMEABILITY APPARATUS Standard: EN 196-6 - DIN 1164 - ASTM C204 - AASHTO T153 - BS 4359:2 - UNI 7374 - NF P15-442 - This Electronic Blaine Air-Permeability Apparatus consists of a flat enclosure with a manometer column and with a 3-component measuring cell. The testing procedure is started by pressing the START button. The test procedure is then being executed automatically whereby the time is being shownThe defining of the final Blaine value must be done manually by the enduser. Supplied complete with digital thermometer, filling oil, cone grease, funnel, filter paper, brush, power cable with a two-pole and earthing-pin plug. Class of enclosure protection: IP-55 Power supply: 230V 1ph 50/60Hz 10W Dimensions: 170x290x450 mm Weight: 3,5 kg. Or	40	0	5	0	4	4	53	KBL	0	0	0	0	0	0	0	Rejected Not as per Specification	0	0	0	0	0	0 0	Not Quoted	40	0	0	0	4 4	48
	BLAINE AIR PERMEABILITY APPARATUS Standard: EN 196-6 - COMPARABLE TO - ASTM C204 - AASHTO T153 - BS 4359:2 - UNI 7374 - NF P15-442 - UNE 80-106 - Used to determine the fineness of Portland cement in terms of the specific surface expressed as total surface area in square centimeters per gram of cement. The apparatus is supplied with glass U- tube manometer with valve, steel stand, test cell with disk and plunger all in stainless steel, rubber aspirator bulb, 1000 filter paper disks, manometric liquid, vaseline grease for better coupling tube/cell, funnel, brush. Dimensions: 220x180x470mm Weight:12 Kg									40	0	5	0	4	4	53	SMT-SBP-00971													
8	Apparatus for Analysis of Freshly Mixed Concrete. 5kg. Balance capacity 5kg. Sieve 450mm dia. x 300mm high, 5mm perforated plate & 150micron woven wire. Complete with all accessories.BS-1881	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0 0	Not Quoted	40	0	0	0	4 4	48
	STEEL CYLINDER MOULD DIA. 100 x 200 mm Weight Kg: 8 Instruction manuals Accessories COD.DESCRIPTION DEMOULDING OIL, CAN OF 25 LITRES STRAIGHT EDGE 450 mm TAMPING BAR 25 mm SQUARE AREA TAMPING ROD DIA. 16 x 610 mm LONG WIRE BRUSH	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SMT-CM-100	40	0	0	2	0	3 45	Local	40	0	0	0	4 4	48
	PRECISION TOP LOADING AND PLATFORM BALANCES DIGITAL BALANCE 2200g x 0,01g Designed for laboratory general purposes, fitted with under balance weighting facility for specific gravity tests, and RS232 for PC or printer connection. Sturdy and precise, large backlighted display. Immediate and automatic zeroing and tare, automatic changeover of scale sensitivity (dual range models only). Power supply and standard - optional accessories are listed for each model of balance and described in the legend. A =Power supply only 230V 1ph 50/60Hz E =Power supply:rechargeable batteries and also 230V 1ph 50/60 Hz F =Under balance weighting facility for specific gravity tests	0	0	0	0	0	0	0	Not Quoted	40	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model:EBR	0	0	0	0	0	0 0	Not Quoted	40	0	0	0	4 4	48
11	LABORATORY GLASSWARE - VOLUMETRIC FLASK WITHOUT STOPPER Volumetric flask, unstoppered, borosilicate glass Capacity 100ml Capacity 250ml, Capacity 100ml	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech Origin:Pakistan	40	0	0	2	0	3 45	China	40	0	0	0	4 4	48
12	COMBINED ROCKWELL AND BRINELL HARDNESS TESTER. Conforming to the BS specifications With all standard accessories	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0 0	Not Quoted	40	0	0	0	4 4	4 48

13	Drill Electronic 1/2 "Drill electronic heavy duty hand drill 1/2 chuck capacity with key, 230 volts, 50 cycle, single phase.	0	0	0	0	0	0	0	Not Quoted	40	0	5	0	0	4	49	CANGZHOU LOVELY TECHNOLOGY	40	0	0	2	0	3 45	China	40 0	0	0	4	4 48
14	DIGITAL CONCRETE TEST HAMMER Standard: EN 12504 PART 2 - ASTM C805 - BS 1881:202 - NF P18-417 - DIN 1048 - UNI 9189 - UNE 83307 -	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	CO., LTD. Origin:China CANGZHOU LOVELY TECHNOLOGY	0	0	0	0	0	0 0	Not Quoted	40 0	0 0	0	4	4 48
	This digital concrete test hammer, microprocessor operated, entirely with advanced technology, performs basic concrete testing with continuous automatic recording of all parameters in accordance with EN 12504-2 Specifications, register and process data and then transfer them to a PC, but equipped with an electronic transducer that measures the rebound values and supplies automatically the results on a graphic display. During test performing: - Shows index value																CO., LTD.Origin: China												
	- Shows average index value - Allows to select measuring system in MpA or Psi - Shows numbers of performed rebounds - Shows date and time - Identifies tested element - Identifies automatically and shows rebound angle - Shows battery life Main features: - Possibility to store, display on graphic LCD 64x124 and download data to PC over																												
	20000 tests - Automatic statistical processing and readings - Automatic conversion of rebound index to equivalent compression strength in psi, N/mm2, kg/cm2 - High accuracy and resolution Technical specifications: - Impact energy: 2,207 Joule (Nm) - Measuring range: 10 – 120 N/mm2 - Interface: RS232																												
	- Power source: 6 rechargeable batteries AA NiMh 2000mA - Battery life: 60 hours with automatic shut down - Operating temperature: -10°C +60°C Supplied complete with data transfer software, data transfer cable RS232, battery charger, abrasive stone, carrying case Dimensions with case: 330x180x120 mm Weight: 3 kg																												
15	TROWEL, STAINLESS STEEL 100x200mm, TROWEL, STAINLESS STEEL 60x140mm	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech Origin:Pakistan Model:ST-0899	0	0	0	0	0	0 0	Not Quoted	40 0	0	0	0	4 44
16	Trowels.3 ¾"x 11"Trowels finishing trowel, 3 ¾"x 11"blade, aluminum alloy shank riveted construction wood handle tempered spring steel blade.	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech Origin:Pakistan Model:ST-0800	0	0	0	0	0	0 0	Not Quoted	40 0	0	0	0	4 44
17	Steel Hammer 300g	40	0	5	0	4	4	53	KBL	40	0	0	0	4	4	48	SmartTech Origin:Pakistan	40	0	0	2	0	3 45	Local	40 0	0	0	0	4 44
18	Rule Straight Edge 300mm long.	40	0	5	0	4		53	KBL	40	0	5	0	4	4	53	Smart <mark>Tech</mark> Origin:Pakistan						3 45		40 C				4 44
	Edgar Curved Edgar.3"x 6"radius.								Quoted								Not Quoted												
	Edgar Curved Edgar.3"x 6"Edgar Curved Edgar 3"x 6"both ends, curved cuts 3/8"groove. Square Steel.24",Square steel 24", body 16"tongue.	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted		0				3 45 3 45						4 44
	Slump Cone.Slump conical steel bottom plate and steel roll.		0	5	0	4	4		Not Quoted KBL		0	5	0	4	4		Origin: Pakistan SmartTech SMT-SSS-069						3 45						4 44
23	Brushed Steel Wire.7"x 3"Brushes steel wire block (size: 7"x 3")	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	Origin:Pakistan Origin: Pakistan	40	0	0	2	0	3 45	Local	40 0	0	0	0	4 44
24	Tongs.Tongs for bricks 5 to 9 brick capacity	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	Origin: Pakistan	40	0	0	2	0	3 45	Local	40 0	0	0	0	4 44

25	Plumb Bob.Plumb bob 2 Oz, steel polished with replaceable blued steel point screw.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0	4	44
26	Shovel.9 ½"x 12"Shovel masons, approx: 9 ½"x 12"square point with handle.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0	4	44
									Quoted								Pakistan													.
27	Shovel Round9 ½"x 12"Shovel round point. Blade size 9 ½"x 12"with handle.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	0	0	0 (0	0 (0 (Not Quoted	40	0	0	0 0	4	44
									Quoted								Pakistan													ı
28	Wheel Barrow.5 cu ftWheel barrow 4 to 5 cu ft capacity steel under carriage metal handles heavy	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	0	0	0 (0	0 (0 (Not Quoted	40	0	0	0 0	4	44
	rolled steel body 16"steel wheel fitted with 8 x 4 rubber tire and tube.								Quoted								Pakistan													ı
29	Hammer.16 0z Hammer nail 16 0z, bell face curved claw carpenters.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0) 4	44
									Quoted								Pakistan													ı
30	Durmat.10lbs,Durmat 10lbs steel base with wooden handle.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0) 4	44
									Quoted								Pakistan													ı
31	Pick Axe. Pick axe with handle.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Origin:	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0) 4	44
									Quoted								Pakistan													ı
32	Color Removing Scraper.Color removing scrapers steel blade wooden handle.	0	0	0	0	0	0	0	Not	40	0	0	0	4	4	48	Ingco	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0	4	44
									Quoted								Origin:Pakistan													1
33	Mild Steel Round Cutter.Mild steel round bar cutter.	0	0	0	0	0	0	0	Not	0	0	0	0	0	0	0	Not Quoted	40	0	0 2	2	0 3	3 4	5 Local	40	0	0	0 0) 4	44
		-		_	-	-			Quoted	-		-	_			-			-										-	1
34	Hocked and Grooved.1" Hocked and grooved 1"bar handled with 5 sets tongued grooved for	0	0	0	0	0	0	0	Not	0	0	0	0	0	0	0	Not Quoted	0	0	0 (0	0 (0 0	Not Quoted	40	0	0	0 0) 4	44
	bending steel bars.	-	,				,		Quoted			,			ľ		Quotou		-	- '	-	- `	_ `	a quotou		-	-	_ _	'	
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	Engr: Muhammad Adeel Khan,												Engr	м	hami	mad (Sohail,													
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633-PAK

COMPARATIVE STATEMENT FOR PROJECT: "193183-OVERCOMING OF STAFF/EQUIPMENT DEFICIENCIES IN TECHNICAL INSTITUTES IN FATA" LIST OF EQUIPMENT'S FOR GPI MIRANSHAH DATE OF TENDER OPENING 09-03-2022 (CIVIL DRAFTING SHOP)

Item No.	Name of Items			Al	li Tra	ding	Co,	Pesha	awar
		C	.S	P	.C	P.	L.P	Т	Model
		40	5	5	2	4	4	60	
1	Drawing Table Top 42"x 30"Height 37"Base constructed of 1"square steel, 18 gauge Designed to allow a 3"overhang at back of base for mounting of drafting machine42"W x 30"D top with pencil ledge Two Ratchet lock mechanisms. Top adjustable 0 to 45 degrees	40	0	0	2	0	3	45	Local
2	Drafting Machine Precision carriage drafting machine Size (80X140)CM, Provided with 360 degree protector head with on the outside lying zero point adjustment, free running central control with lever for locking the protractor head in intermediate angle positions. Vernier reading accuracy 10 minute. Of rulers, plexigum, division 1:1:5 length 30/40cm	0	0	0	0	0	0	0	Not Quoted
3	Tee Square Wooden. 42"(105cm)Smooth black polish with transparent plastic double edge superior quality.	40	0	0	2	0	3	45	Local
4	Set Square.14"(35cm)Set square unbreakable celluloid inch & cm graduation (30-60&45-45) degree.	40	0	0	2	0	3	45	Local
5	Tracing Table 48"x36"Tracing table with thick dull glass with two 48"tube lights adjustable top total height 39"(local) made.	40	0	0	2	0	3	45	Local
6	Drawing Instrument Set. Instruments are held securely in crimson foam molded inserts Metal cases with black simulated pigskin and metal trim Set includes 6-1/2"bow compass, 4-1/2"bow compass, friction divider, pen handle, pen attachment, tube of compass leads and divider points. Set includes 6-1/2"bow compass, 4-1/2"bow compass, friction divider, lead holder, tube of compass leads and tube of divider points.	40	0	0	2	0	3	45	China
7	Drawing Technical pen set.6"and 4-1/2"pencil compasses, 6 friction divider, 2mm lead holder, tube of parts.	40	0	0	2	0	3	45	China
8	Template for Ellipse . size 296mm x 150mm.Transparent 25 ellipse with isometric axis 4mm to 65mm outer size 296mm x 150mm.	40	0	0	2	0	3	45	Local
9	Template for Plumbing. size 175 x 11cm. Transparent scale 1:50 outer size 175 x 11cm.	40	0	0	2	0	3	45	Local
10	Template for Plumbing . size 220x85mm .Sanitary installation transparent scale 1:50 size 220x85mm with H profile.	40	0	0	2	0	3	45	Local
11	Electrical Template. Transparent.	0	0	0	0	0	0	0	Not Quoted
12	Template for Furniture . size 225 x 125mmPlan view transparent outer size 225 x 125mm with ink bosses.	0	0	0	0	0	0	0	Not Quoted
13	Metric Scale Set.30cmLength 30cm set of 4 scales with plastic coating on imported cord. (Local.)	40	0	0	2	0	3	45	China
14	Pencil Sharpening Machine. With 8 holes.	40	0	0	2	0	3	45	China
15	Drawing Binding Machine.12 1/2 "Suitable for binding four sides of drawing with cutter and knob with desk top attachment.	0	0	0	0	0	0	0	Not Quoted
16	French Curve Set.18cm & 24cm.12 different curves packed in plastic box.	40	0	0	2	0	3	45	Local
17	Pencil Sharpening Machine. With 8 holes.	40	0	0	2	0	3	45	Local

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Fnar M	luhammad Adeel Khan,		Muha	mma	l .	ail	I	1	
34	Draftsman Stool. Wooden Stool.	40	0	0	2	0	3	45	Local
33	Draftsman Chair. Revolving Chair.	0	0	0	0	0	0	0	Not Quoted
	Set of 8 rotring Isograph0.1,0.18 0.25 0.5 0.7 1.7 1.4 2.0	70		J			,	7.5	Ciliia
32	Rot ring Isograph Drawing Pens	40	0	0	2	0	3	45	China
31	Rot ring Variant B Drawing Pens Set of 8 rotring variant B 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 1.2	40	0	0	2	0	3	45	China
	for all rotting drawing pens.	U	U	U	U	U	U	0	Not Quoted
30	Dual Compass Attachment. 3.5mm leg diameter 4.0mm peg diameter. For insert socket with a bore of 3.5 and 4.00 peg rotate able through 90	0	0	0	0	0	0	0	Not Quoted
29	with telescopic extension with pencil insert, screw driver and lead/spare point container.	0	0	0	0	0	0	0	Not Quoted
20	point container. Technician Compass. Length 154mm for circles up to 480mm dia General purpose compass with bifurcated drawing pen socket. Needle leg	0	_		_	0	_	_	N . O . I
28	Compass Set. Contents master bow compass rapid adjustment with bifurcated drawing pen socket extension bar, pencil insert and lead / spare	0	0	0	0	0	0	0	Not Quoted
27	Parabola Template.124x70x1.0mmParabola template with sine/cosine curve.	40	0	0	2	0	3	45	China
	Interchangeable pencil and divider parts Packed in see-through plastic case with extra lead and T-bolt.								
	Length 175mm.Matte chrome finish Gear head design with rapid adjustmentCenter wheel fine adjustment 1/8" to 10" with built in stop.								
26	Master Bow compass with rapid adjustment.	0	0	0	0	0	0	0	Not Quoted
25	Scale with Division.2cm-30 cm long. Transparent Plastic.	40	0	0	2	0	3	45	China
24	Flat Rules.2cmx30cm long. Made of crystal clear acrylic with beveled edge and tracing edge.	40	0	0	2	0	3	45	China
	templates								
23	Architecture Domestic Installation Template. Furniture, sanitary installation / bath room and Toilet, Kitchen design and pipe installation	40	0	0	2	0	3	45	China
	62 size ranging in diameter from 1-1/2"to 3-1/2".	40		O	_			75	Ciliia
22	Template for Radius. 8-1/2"x 11"x .030"thick	40	0	0	2	0	3	45	China
21	Paper Cutter. With moving cutter.	40	0	0	2	0	3	45	Local
20	Blue Printing Frame.6ft x 4ftMounted on wheels with best quality Namda-game made of seasoned wood.	0	0	0	0	0	0	0	Not Quoted
19	Parallel Ruling. 15 "long.18"long, 0.185"thick plastic Chrome plated metal connecting bars Full 3"spacing with smooth movement Non-Slipping friction cork pads.	40	0	0	2	0	3	45	Local
10	1", 1-1/2", and 3"to the foot. On edge is divided in sixteenths to the inch Color coded for easy identification.								
18	Scales Architect.12" Professional quality with heavy plastic center core Engraved graduations. Open dived: 1/8", 3/32", 3/16", 1/2", 3/8", 1/2", 3/4",	40	0	0	2	0	3	45	China

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Item	Name of Items						BL L			ICS & HIGHWAY		<u> </u>		Sma	art Te	ech N	/lulta	n				٩nm	ol S	cien	tific, La	hore
No.			:.s		.c		P.L.F	.	Т	Model		.s	D	.c	P	L.P	Т	Model		.s		.c		P.L.P	т	Model
		40		_				4	60	Wiodei	40	.5	5	2	4		60	Wiodei		. . 5	_	2	_			Wodel
1	SPEEDY MOISTURE TESTERS Standard: ASTM D4944 - AASHTO T217 - UNE 7804 - BS 6576 - For accurate moisture reading on site of soil, sand, aggregates. The test system arrives by the reaction between water and calcium carbide forming a gas. Complete with electronic balance, reagent tin, accessories; the whole contained in a portable molded case. Capacity 6 grm MoistureRange 0-20% Weight: 6Kg	40	0	5	0	4	1	4	53	KBL	40	0	5	0	0	4	49	Smart Tech Origin:Pakistan Model: SMT-SM06	40	0	0	0	0	4	44	Impact UK
2	ELECTROMAGNETIC SIEVE SHAKER DIA. FROM 200 TO 315 mm - 8" - 12" Standard: EN 932-5 - ISO 3310-1 - Dimensions sieves dia.: 200-250-300-315 mm - 8"-12" Dimensions mm: 380x440x1080 mm Weight Kg: 65. Sieve Shakers are activated by electromagnetic impulses and to the triple vibrating action (vertical, lateral and rotational) they are recommended to perform sieving tests where high precision and performance are important, and where continual and intense uses are required. suggested for accurate sieving tests, also on fine materials. Electromagnetic Shakers are of simple and sturdy construction, can hold up to 10 sieves and they are also suitable for wet sieving tests The separate digital control panel can adjust: - The sieving time from 1 to 999 minutes - The vibrating intensity - The pauses between one vibration and the following one (this is especially indicated for fine material sieving). Power supply: 230 V 50/60 Hz 1ph 450/750W	0	0	0	0	C		0	0	Not Quoted	40	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model: ZDSX-92A	40	0	0	0	0	4	44	Impact UK
3	LABORATORY OVENS, FORCED VENTILATION, DIGITAL THERMOSTAT. HIGH TEMPERATURE UNIFORMITY AND PRECISION DOUBLE WALL CAPACITY 100 LITRES. Standard: EN 932-5 - EN 1097-5 - ASTM C127 - ASTM C136 - ASTM D558 - ASTM D559 - ASTM D560 - ASTM D698 - ASTM D1557 - ASTM D1559 - BS 1377:1 - BS 1924:1 - UNE 103300 - Especially suitable where high temperature uniformity and precision inside the chamber are required. The accuracy of the temperature and its uniformity are granted within the tolerances requested by the Standards. The interior chamber, the grid shelves and the exterior front part are stainless steel made; while external walls are made from zinc coated steel.	40	0	5	0	4	1	4	53	Jinhua China	37	0	5	0	4	4	50	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model: 101-3AS	40	0	0	0	0	4	44	China

	Sturdy manufacture, double walled with 60 mm thick glass fibre for thermal insulation. Temperature from ambient to 200°C, is controlled by a digital precision thermo regulator-indicator. The oven is equipped of a dual safety thermostat with higher therrmic threshold to prevent accidental over-temperatures, and to ensure safe working conditions. The oven is supplied complete with two grid shelves easily removable and that can be positioned at various heights, pilot light, exhaust holes for fast cooling. Dimensions: Inside 400X420X600mm with spare grid shelf stainless steel Outside:700x515x910 mm Power supply: 230V 50-60Hz 1ph.																					
4	ELECTRONIC PRECISION TOP LOADING AND PLATFORM BALANCES DIGITAL BALANCE 4100g x 0,01g Designed for laboratory general purposes, fitted with under balance weighting facility for specific gravity tests, and RS232 for PC or printer connection. Sturdy and precise, they are fitted with strain gauge cells and large backlighted display. Immediate and automatic zeroing and tare, automatic changeover of scale sensitivity (dual range models only). Power supply and standard - optional accessories are listed for each model of balance and described in the legend. LEGEND OF THE MODEL TABLE HERE ATTACHED (SEE BELOW): STANDARD ACCESSORIES: A = Power supply only 230V 1ph 50/60Hz E = Power supply:rechargeable batteries and also 230V 1ph 50/60 Hz F = Under balance weighting facility for specific gravity tests G = RS 232 port	0	0	0	0	0	0	0	Not Quoted	40 0	5	0 4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model:JM-5B	40	0	0	0 (4 .	444	China
5	VICATRONIC - AUTOMATIC COMPUTERISED TROPICALIZED VICAT RECORDING APPARATUS Standard: EN 196-3:2005 - EN 13279-2 (GYPSUM) - EN 480-2 - ASTM C187 - ASTM C191 - DIN 1168 - DIN 1196 - BS 4550 - UNE 80102 - NF P15-414 - NF P15-431 - AASHTO T129 - AASHTO T131 - The Vicatronic apparatus, that is designed and manufactured using the most recent and sophisticated technology, is used for the initial and final setting time determination of cements or mortar pastes. The unit is manufactured with anticorrosion and tropicalised components to be used in places with humidity not below 90% and 20°C. controlled temperature as required by EN Specifications. The entire test is made in a fully automatic way and gives a very precise and repeatable result. The results are printed on the incorporated printer and this eliminates the manual operations of installing and zeroing the paper graph on the drum. The use of the appliance is extremely simplified by the guiding menu that is available in english, french, spanish, german, italian language. DISPLAY The large high contrast LCD display (negative blue) has a high resolution and shows the test data together with the general functions of the appliance. It visualises for the first time in real time the graph of the test (see picture) replacing and simulating what the old fashioned pen tracing on the paper. The appliance has a clock calendar that is used to program the test cycles. FIRMWARE The Vicatronic is supplied with the standard programs to make automatically, all the tests		0	0	0	4	4	48	Matest Italy	40 0	5	0 0	4	49	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model:WKY- 1000	40	0	0	0 (4	44	China

according to the following Standards: EN 196-3:2005 / EN 13279-2 gypsum / EN 480-2 / ASTM C191 / DIN 1164 / DIN 1168 gypsum / NF P15/431 / BS 4550 / AASHTO T131. Further programs can be developed by the operator using the specific menu "free tests" available on the base firmware; the user has the possibility to set 5 totally free test profiles defining the number of penetrations and the coordinates of each penetration (ay in mm of the circle where the number of penetrations and the coordinates of each penetration (ay in mm of the circle where the number of penetrations and the coordinates of each penetration (ay in mm of the circle where the number of penetrations and the coordinates of each penetration (arg in mm of the circle where the number of penetrations and the selections, properties of the penetration and the prosparation of the penetration and the penetrations. PROBES The mobile probe weighs 300 g (1000 g following the EN, NF Standards), the penetration needle has 1,13 mm diameter (1 mm following ASTM Standard) and its fall can be programmed in free fall or in guided fall. Totally flexible as far as the time is concerned, the penetrations time can be selected between 0,5 minutes and 999 minutes (fix interval between two penetrations of a test) or can change during the test up to 5 different phases with different interval time; it can even change automatically during the setting time fixing a penetration depth. The two options described here above can be combined together. The penetration measure is read by a very accurate encoder having a resolution of 0,1 mm. The Vicatronic also calculates, visualises and prints: - The time from the moment of the sample preparation (set by the operator). - The time the test starts. - The time the test starts. - The residual time to the end of the test - The number of penetrations made and the residual penetrations to be made. Times of the penetration should be programmate setting time of the mortar is known and the operator wants to start the working of the Vic	0	0	0	0	0	0	0	Not Quoted	40	C) 5	0	4	4	53	Smart Tech Origin: Pakistan Model: ST-T-0001	400	0	0	0 00	4	44	PAK	
Table Balance. 2kg.Table balance Sensitivity 2g.	40	0	0	0	0	4	44	PAK	0	C	0 0	0	0	0	0	Not Quoted	40	0	0	0 0	4	44	PAK	

8	Soil MACKINTOSH PROSPECTING KIT for Soil Sampling This equipment is particularly useful for initial site investigation work in remote areas. The kit is capable boring to a depth 10 - 12 mtrs depending on ground conditions. The use of specially designed extension rod couplers reduces borehole friction to a minimum, permitting easy operation to considerable depth. Equipment consists of: - 12 boring rods 1 mtr long with 12 couplers - 2 pipe wrench and 1 tap wrench - Core tube adaptor and clay core tube - Driving head and clearing rod - Long and short driving point	0	0	0	0	0	0	0	Not Quoted	40	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model: JKR	40	0	0	0	0	4	44	PAK
9	Soil Analysis Sieve Test. Soil analysis sieve test, consisting of a set of 12 sieves of different mesh size	0	0	0	0	0	0	0	Not Quoted	40	0	5	0	4	4	53	Smart Tech SMT-SST-0005 Origin: Pakistan	40	0	0	0	0	4	44	PAK
10	PAVEMENT CORE DRILLING MACHINE Standard: EN 12697-27 - compact and portable machine with vertical screw feed, is used for pavement core sampling where it is not easy to get electrical power. Petrol engine 5 HP power, 4-cycle Briggs & Stratton model. Supplied complete with core bits. Dimensions: 850x580x1230 mm Weight: 135 Kg	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	Smart Tech SMT-SCD-554 Origin: Pakistan	40	0	0	0	0	4	44	PAK
11	Standard Compaction Test Set. Standard Compaction test set for determining moisture density relation of soils by Compaction method including moulder rammer etc.	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	Smart Tech SMT-SCF-0474 Origin: Pakistan	40	0	0	0	0	4	44	PAK
12	MICROWAVE OVEN Used for speed drying purposes, moisture determination, conditioning. Power supply: 230 V 50 Hz 1ph 700W Internal dimensions: 380 x 340 x 300 mm approx. Weight: 28 Kg	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	0	4	44	PAK
13	AUTOMATIC PROGRAMMABLE PROCTOR - CBR Standard: UNI EN 13286-2 - CNR UNI 10009 - CNR N. 29, 69 - ASTM D698, D1557, D1883 - AASHTO T99, T180, T193 BS 1377 :4, 1990, 1994 - NF P94-093, P94-066 - DIN 18127 - UNE 7365, 7255, 103-501-94 - DUTCH RAW, EPP E VARIE NORMATIVE INTERNAZIONALI EN 13286-2 / ASTM D698, ASTM D1557, ASTM D1883 / AASHTO T99, AASHTO T180, AASHTO T193 / BS 1377:4, BS 1990, BS 1994 / NF P94-093, NF P94-066 / DIN 18127 / UNE 7365, UNE 7255, UNE 103-501-94 / CNR UNI 10009 / CNR N. 29, CNR N. 69 / DUTCH RAW, EPP and most International Standards. Automatic, programmable PROCTOR / CBR Compactor with microprocessor, "high technology" Designed to compact Proctor and CBR specimens, it ensures an extremely uniform compaction degree, granting reliable and repeatable test results.		0	0	0	0	0	0	Not Quoted	40	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model: MDJ-111	40	0	0	0	0	4	44	Impact SL-237 to 116 UK

	a fully automatic system, by strictly meeting the mentioned International Standards. The blows are automatically distributed as requested by the selected Standard, with turntable rotation and rammer displacement through photoelectric cell sensors and microprocessor. Top quality components and high accuracy mechanical workings grant very long life also under intensive utilisations. The digital control panel is separate from the machine and it can be fixed to the wall or mounted on a bench. The high resolution graphic display (blue negative) 320x240 pixels visualizes selected Standard, total number of blows, effected and remaining ones to end the test, and execution of each layer. The compactor is easy to use, friendly menu driven, of simple and practical maintenance. The user can "select and memorize up to 10 personalized test cycles", that can be later on modified or replaced by other ones. This is a very important function, because it allows to update the Compactor to new Standards, or any Standard not included in the microprocessor, or for research purposes. The original lift system of the rammer can be selected at 12" or 18", or at 300 or 450 mm, granting a correct and constant fall height. Rammer drop speed: 1 blow each 2 seconds. The compactor accepts moulds having dia. 4" and 6", 100 and 150 mm, both Matest made or from other producers, thanks to its universal mould fixing system. The machine is supplied "without rammers" to be ordered separately and selected according to the desired Standard (rammers are interchangeable). Not sellable in CE markets Power supply: 230V 1ph 50Hz 500W Dimensions: 610x470xh1710 mm Weight: 165 Kg																								
14	Dungan Test Set. (To determine the sp. Gravity of fine & absorption & coarse aggerate). Balance 5 kg Weight: 2000g brass weight sets and 1kg slotted types. Sieves 8inch dia. 01 No. 4 mesh x 4 inch height 100 mesh standard height 100 mesh side opening. With accessories.	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	0	4 44	Model: Nil	40	0	0	0	0	4	44	PAK	
15	PROCTOR PENETROMETER Standard: ASTM D1558 - Used to determine in field the moisture-penetration resistance relationship of fine grained soils. Spring load scale 0-55 Kg, subdiv. 1 Kg, with direct max. value reading in Kg. on the sliding rod. Complete with 9 interchangeable stainless steel needles dia. 4,52 5,23 - 6,40 - 9,07 - 12,83 - 16,54 - 20, 22 - 24,79 - 28,55 mm., accessories, carrying case. Chromed finishing.	0	0	0	0	0	0	0	Not Quoted	40	0	5	0	4	4 53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model: 33-T165	40	0	0	0	0	4	44	PAK	

	16	PROVING RING PENETROMETER	40	0	5	0	4	4	53	KBL	4	40	0 5	0	4	4	53	Smart Tech	40	0	0	0	0	4	44	PAK
		Used to determine the bearing strength, compaction degree of																Origin:								
		subgrades, and also for determining the penetration resistance of soil.																Pakistan Model:								
		Supplied complete with "T "handle,proving ring 100 kgf (1 kN) with																SMT-SMP-								
		maximum load pointer and calibration chart, extension rod 500																296								
		mm.long graduated ever y 100 mm., removable cone point 30 ° with 1																								
		sq.in.top area.																								
		Cadmium plated against corrosion.																								
		Weight:5 Kg																								
	17	Compacting Factor Apparatus:	40	0	5	0	4	4	53	KBL	4	40	0 5	0	4	4	53	Smart Tech	40	0	0	0	0	4	44	PAK
		Frame, hinged welded, constriction. Hoppers. Two detachable; bottoms with																Origin:Pakistan								
		hinged trap doors with release catches. Replacement parts.																0474								
	18	Stop Watches.	40	0	5	0	4	4	53	KBL	4	40	0 0	0	4	4	48	Origin:	40	0	0	0	0	4	44	China
																		Pakistan								
-						1		1	1							1		Stopwateri							1	
En	ar l	Muhammad Adaal Khan	Eng	r M.	ıhar	nmar	l Sak	nail																		
	_		_						21211																	
En	ngr:	hinged trap doors with release catches. Replacement parts.	Eng	r. Mı	uhar	nmac	l Soh				4	40	0 0	0	4	4	48	Model:SMT-SCF- 0474 Origin:	40	0	0	0	0	4	44	China

COMPARATIVE STATEMENT FOR PROJECT: "193183-OVERCOMING OF STAFF/EQUIPMENT DEFICIENCIES IN TECHNICAL INSTITUTES IN FATA" LIST OF EQUIPMENT'S FOR GPI MIRANSHAH DATE OF TENDER OPENING 09-03-2022 (PUBLIC HEALTH ENGG LAB)

ltem	Name of Items				Al-Wa	aqas A	ssociat	e, Lahore				Ali	Tra	din	g Co	o, Pe	shawar
No.		С	.S	Р	.c	P.	L.P	T	Model	C	.S	P.	C	P. l	L.P	Т	Model
		40	5	5	2	4	4	60		40	5	5	2	4	4	60	
1	Pipe Wrench. 18" ,12",08",Pipe wrench heavy-duty pipe wrench. Tough quality one pipe frame housing and handle with replaceable heel jaws, pipe capacity 2, 1, and ³ / ₄ respectively.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
2	Pipe Wrench 1/4"-4"Cap.Pipe wrench China type ratcheting and reversing china pipe wrench. Drop forged steel body nickel chrome plate 12"handle 15"chain capacity 1/4 to 4"	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
3	Pipe Grip. Cap-2"Pipe grip 2"capacity fabric step 14"metal handle.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
4	Pipe Reamer. Cap-1"-2"Pipe reamer with handle ratchet type 1"to 2"capacity with burning spiral flutes.	40	0	5	0	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
5	Pipe Vice. 1/8"-2 ½ "Cap Pipe vice capacity 1/8" to 2 ½ "mouthed on triangular metha table tray, fitted with three metal folding legs.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
6	Pipe Thread Set. $\frac{1}{4}$ "to 1 $\frac{1}{4}$ " Pipe thread set (NPT) reversible reversible ratchet handle set to include dies for pipe size $\frac{1}{4}$, $\frac{3}{8}$, and $\frac{3}{4}$, $\frac{1}{4}$ inches.	40	0	0	0	0	4	44	China	0	0	0	0	0	0	0	Not Quoted
7	Pipe Taps. $\frac{1}{4}$ "to 1 $\frac{1}{4}$ "Pipe taps (NPT) high grades tempered tool steel, one set consisting of square shank top and of the following size: $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 and 1 $\frac{1}{4}$, inches.	40	0	5	0	0	4	49	Pak	0	0	0	0	0	0	0	Not Quoted
8	Pipe Tap. 1/4"to 1 1/4"Pipe tap wit worth (NPT) high grades tempered tool steel one set consisting of square shank taps of the following (size: 1/4, 3/8, 1/2, 3/4, 1 and 1 1/4 inches).	40	0	5	0	0	4	49	Pak	0	0	0	0	0	0	0	Not Quoted
9	Pipe Cutter. 1/4"to 1 1/4"Pipe cutter with heavy duty cutter wheel (capacity 1/8"to 1 1/4".)	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
10	Pipe Cutter. 1/4"to 2"Pipe cutter with heavy duty cutter wheel (capacity 1/4" to 2")	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
11	Cutter Wheel. Cutter wheels these wheels to fit above cutters	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
12	Wrenches. 08",10",12",Wrench adjustable alloy steel construction drop forged rust resistant finish.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality

13	Pliers Adjustable. 8",Pliers adjustable 8"alloy steel construction drop forged rust resistant finish.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
14	Level Aluminum Masons.48" Level aluminum masons 48" with 2 double plumbs and one double level.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
15	Square Steel. 24"x 16" Square steel 24"body 16"tongue.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
16	Star Drill. 3/4 " Star drill forged alloy steel, each set to consist of one each 1/4 , 3/8 3/4 with 12 shank (for drilling brick stone concrete.	40	0	0	0	0	4	44	China	0	0	0	0	0	0	0	Not Quoted
17	Drill Electric Heavy Duty. 1/2" Drill electric heavy duty handle drill 1/2 chuck capacity with key 230volts, 50 cycle single phase.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	China
18	Masonry Drills. 1/8"– 1/4" Masonry drill one each 1/4", 5/16", 2/8", 1/8"carbide type masonry drills designed for use in electric handle drill.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	China
19	Hacksaw.12" Hacksaw 10"to 12"adjustable pistol grip handle rust proof finish.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
20	Hammer Ball. 24 Oz Hammer Ball peen 150 Oz size: hardwood handles, drop forged alloyed steel head.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
21	Hammer Ball Pin. 16 Oz Hammer ball peen 24 0z size: hardwood handles drop forged alloyed steel head.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
22	Hammers Nail.16 Oz x ¼ Oz Hammer nails, 16 Oz, bell face, curved (Claw carpenters).	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
23	Screwdrivers.16"x 1/4 " Screwdrivers 1/4"x 16"shank plastic handle, vanadium steel blade.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
24	Water Closet. Water closet English type.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
25	Water Closet. Water closet Indian type.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
26	Wash Hand Basin.Wash hand basin central pillar cock, pattern.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
27	Wash Hand Basin.2 Pillar cock pattern.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
28	Urinal.Urinal.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
29	Overhead TankOverhead steel water tank.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
30	Low Level Tank.Low level steel water tank.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
31	Pillar Cock. Pillar cock (Asian Pattern).	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
32	Mixer Type. Mixer type pillar cock.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
33	Stop Cock.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
34	Bib Cock.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
35	Waste Coupling.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
36	Files.Round12" 2 nd cut.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
37	Files.Flat 12" 2 nd cut.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
38	Files. Three square 12" 2 nd cut.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
_	uhammad Adeel Khan, It Professor, (Civil) GTTTC Hayatabad Peshawa	_		nmad S		Rajaus											
Assistal	it Floressor, (Civil) OTTIC Hayatabau Fesilawa	Lectur	er (CIV	ii) GC1	Milaf	bajaur											

COMPARATIVE STATEMENT FOR PROJECT: "193183-OVERCOMING OF STAFF/EQUIPMENT DEFICIENCIES IN TECHNICAL INSTITUTES IN FATA" LIST OF EQUIPMENT'S FOR GPI MIRANSHAH DATE OF TENDER OPENING 09-03-2022 (HYDRALICS AND IRRIGATION SHOP)

Item No.	Name of Items				Sı	mart	t Ted	h Mu	ltan
140.			S	P	.C	P.	L.P	Т	Model
		40	5	5	2	4	4	60	
1	Volumetric Hydraulic Bench. Flow range 0-60 lit/minute sum tank Cap: 160 litre. Volumetric tank Cap: 35 litre Pump 200w submersible type Comprising .Rectangular. Notch depth: 100mm. ii- V- Notch (30) depth: 100mm.V- Notch (90)	40	0	5	0	4	4	53	Pakistan Model: SMT-HB- 18
2	depth: 100mm.Vernier Gauge depth: 100mm. Assembly. Free Standing Apparatus. (Stability of a floating body). Water tank moulded plastic nominally 600x 400x 120mm total weight of floating assembly nominally (3.2kg) working height of mast nominally 240mm Floating pantoon 360x203x76mm Two magnetized trim weights= 35g.Angular tilt of pantoon 8degree each side Adjustable sail weight 525g.	40	0	5	0	4	4	53	Pakistan Model: SMT-SMH- 2269
3	Venturimeter Venturitube aluminum inlet inside dia 26mm. Throat inside dia 16mm ootlet inside dia = 26mm manometer tubes transparent plastic range: 0-290mm max: flow rate 26 lit nominally 27 l/min. Dimension and Weight 520 x 200 x 670 mm (11kg) Gross: 0.26m3, 40kg.	40	0	5	0	4	4	53	Pakistan Model: H-ST-VMA100
_								 Bajaur	

COMPARATIVE STATEMENT FOR PROJECT: "193183-OVERCOMING OF STAFF/EQUIPMENT DEFICIENCIES IN TECHNICAL INSTITUTES IN FATA" LIST OF EQUIPMENT'S FOR GPI MIRANSHAH DATE OF TENDER OPENING 09-03-2022 (WOOD WORK SHOP PRACTICE)

Item	Name of Items				Ali	Trad	ing, F	Peshav	var
No.		С	.S	Р	.c	P.	L.P	Т	Model
		40	5	5	2	4	4	60	
1	Work Benches. 1320mmx560mmx838mm Wood tops thickness 32 mm with wooden leg 102mm square.	40	0	0	2	0	3	45	PAK Best Quality
2	Bits Auger. 6mm to 25mm Bits auger consisting of 13 bits 6mm to 25mm.	40	0	0	2	0	3	45	PAK Best Quality
3	Bits Auger.6mm 10mm 12.5mm 19mmMade of tool steel double square.	40	0	0	2	0	3	45	PAK Best Quality
4	Bits Expansive and Adjustable. 15 to 35mmBits expansive and adjustable, boring from 15mm to 5mm.	40	0	0	2	0	3	45	PAK Best Quality
5	Bits Countersink. 12.5mmBits countersink for brace. For wood, 12.5mm dia.	40	0	0	2	0	3	45	PAK Best Quality
6	Bits Screwdriver.4.75mmBits screwdriver 4.75mm for brace.	40	0	0	2	0	3	45	PAK Best Quality
7	Screwdriver.6mmScrewdriver, 6mm for brace.	40	0	0	2	0	3	45	PAK Best Quality
8	Bits Screwdriver.8mm,15mmBits screwdriver, for brace.	40	0	0	2	0	3	45	PAK Best Quality
9	Bits Gimlet. 2 Size No2,3 Size No3,4 Size No4,5 Size No5, 6 Size No6,7 Size No7,8 Size No8	40	0	0	2	0	3	45	PAK Best Quality
10	Bits Brace.200mm Bits brace 200 mm sweep "Alligator" Jaw chromed.	40	0	0	2	0	3	45	PAK Best Quality
11	Bits (Machine).9.5mm 12.5mm 9mm, 25mm Bits Machine for wood.	40	0	0	2	0	3	45	PAK Best Quality
12	Twist Drills. 1.5mm to 12.5mm 3mm 4.74mm, Twist Drills straight shank.	40	0	0	2	0	3	45	PAK Best Quality

13	Hand Drill8mmDouble pinion drill with die cast body and wooden	40	0	0	2	0	3	45	PAK Best Quality
	handle. Used for small drilling operations. Overall dia. 215mm 3jaw chuck								
	type.								
14	Vice. 175mmVice, wood workers rapid action, dog in front jaw.	40	0	0	2	0	3	45	PAK Best Quality
15	Curving Sets. Curving sets consisting of chisel, bent gauge u-tool skew	40	0	0	2	0	3	45	PAK Best Quality
	chisel, veining tool, forged stool blades long wooden handles (set of size)								
	criisei, veiriirig tooi, lorged stool blades lorig wooderi flandies (set of size)								
16	Chisels.3mm, 115mmChisels wood forged in one piece, tough plastic	40	0	0	2	0	3	45	PAK Best Quality
	handles.								
17	Chisel Wood.6mm 9.5mm 12.5mm 19mm 25mm 37.5mm 50mm Chisels	40	0	0	2	0	3	45	PAK Best Quality
	wood forged in one piece, tough plastic handles 115 mm blades.								
	wood forged in one piece, tough plastic handles 115 mm blades.								
18	Gauge.6mm 12.5mm 19mm 25mm , Gauge inside ground for wood	40	0	0	2	0	3	45	PAK Best Quality
	working hand forged tool steel blades wood handles (for wood turning)								
19	Gauges. 3mm 6mm 12.5mm 19mm 25mm ,Gauges outside ground for	40	0	0	2	0	3	45	PAK Best Quality
	wood working.								
20	Hammer . ½ Kg, ¼ Kg, Hammer nail bent claws, bell face designed to pull	40	0	0	2	0	3	45	PAK Best Quality
	nails without heads.								
21	Planes. 355mm x 50mm Planes jack smooth bottom fine gray cast iron	40	0	0	2	0	3	45	PAK Best Quality
	frames.								
22	Plane.355mm x 50mmPlane jointer.	40	0	0	2	0	3	45	PAK Best Quality
23	Planes.140mm x 19mmPlanes rabbit.	40	0	0	2	0	3	45	PAK Best Quality
24	Planes. 225mm x 50mm Planes smoothing.	40	0	0	2	0	3	45	PAK Best Quality
25	Plane. Planes Router hand plane circular for concave and convex surfaces,	40	0	0	2	0	3	45	PAK Best Quality
	steel base.								
26	Plane. 150mm Planes block low cutting angle of 12 degree.	40	0	0	2	0	3	45	PAK Best Quality
27	Rules.610mm x 28mm 350mm Rules bench, made of hardwood.	40	0	0	2	0	3	45	PAK Best Quality
28	Shrink Rules.300mm 7.5mm (L)5mm(L),Shrink Rules Steel.	40	0	0	2	0	3	45	PAK Best Quality

Assistant Professor, (Civil) GTTTC Hayatabad Peshawa		Lecturer (Civil) GCT Khar Bajaur							
Engr: Muhammad Adeel Khan,		Engr. Muhammad Sohail,							
	blade 225mm shank 6mm blade. Screw drivers.								
39	Screw Driver. Size 1, 2, 3, 100mm shank 6mm blade 150mm shank 6mm	40	0	0	2	0	3	45	PAK Best Quality
38	Miter Machine. 660mm x 100mm Mitre machine including vice clamps stiff back fine tooth saw for picture frame and molding cutting.	40	0	0	2	0	3	45	PAK Best Quality
	saw, adjustable angle capacity at right angle 200 mm at 45 degree, 125mm.				_			_	-225
37	Mitre Box.608mm x 127mmMitre box including eleven point stiff back	40	0	0	2	0	3	45	PAK Best Quality
36	Saw.225mmHand saw coarse cut.	40	0	0	2	0	3	45	PAK Best Quality
35	Saw. 300mm 14 TPI.	40	0	0	2	0	3	45	PAK Best Quality
34	Saw. 140mm & 660mm Saw hand rip.	40	0	0	2	0	3	45	PAK Best Quality
33	Saw.660mm Hand Saws, coarse cut 8 TPI	40	0	0	2	0	3	45	PAK Best Quality
32	Saw.300mmSaw compass with reversible blade, feature.	40	0	0	2	0	3	45	PAK Best Quality
31	Saw.300mm.Saws back full hand grip handle.	40	0	0	2	0	3	45	PAK Best Quality
30	Saw, Blades.150mm Saw blades coping saw.	40	0	0	2	0	3	45	PAK Best Quality
29	Saw Coping. 162mmSaws coping using pin type blades adjustable to any angle.	40	0	0	2	0	3	45	PAK Best Quality