

**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)**

Item No.	Name of Items	Chaudhary Brothers Rawalpindi							Sunder Trading Co, Lahore							Ali Trading Co, Peshawar									
		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>Leveling Staff</b> 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	<b>Ranging Rod.</b> 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	<b>Plain Table.</b> 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	<b>Trough Compass.</b> 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	<b>U-Fork Aluminum</b> 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	<b>Alidade.24"Alidade</b> (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	<b>Plumb Bob.100 gms</b> .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	<b>Spirit Level.12"</b> 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	<b>Straight Edge.48" and 72"</b> 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	<b>Parallel Ruler</b> 12", 24"& 30Parallel 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	<b>Prismatic Compass.</b> 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	<b>Optical Square</b> 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	<b>Gunter Chain.</b> 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	<b>Cross Staff.</b> 12"x 12"Cross staff 12"x 12"with steel Rod	38	0	0	0	0	4	42	LOCAL	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	LOCAL
15	<b>Survey Umbrella.</b> 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



25	<b>Electronic Total Station.</b> Electronic total station which combines in one compact unit a 5-second digital read out with an electronic distance meter, with the following specification:- 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	38	0	5	0	4	4	51	Pentax R-25025 NS	36	0	0	0	4	2	42	China	0	0	0	0	0	0	0	0	Not Quoted
26	<b>GPS (Garmin).</b> Associated with Total Station	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	0	Not Quoted

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**LIST OF EQUIPMENT'S FOR GPI MIRANSHAH**

**DATE OF TENDER OPENING 09-03-2022**

**(PLAIN & REINFORCED CONCRTE SHOP)**

Item No.	Name of Items	KBL Lahore						Smart Tech Multan						Ali Trading Co, Peshawar						Anmol Scientific,													
		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									
		40	5	5	2	4	4	60		40	5	5	2	4	4	60		40	5	5	2	4	4	60									
1	<b>TURBO FORCED CONCRETE MIXERS, PAN TYPE WITH VERTICAL AXIS</b> <b>Standard: EN 12390-2 -</b> 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-resistant 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 Quoted	40	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China Model:HJW-100	0	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48
2	<b>Heavy Duty Beam Forms (Mold Concrete Specimen)</b> 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	0	0	Not Quoted	40	0	0	0	4	4	48
3	<b>Cube Mold.</b> 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	0	3	45	Local	40	0	0	0	4	4	48	
4	<b>SLUMP CONE, STAINLESS STEEL, COMPLETE SET</b> 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	0	3	45	Local	40	0	0	0	4	4	48	
5	<b>AUTOMATIC MORTAR MIXER</b> 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	40	0	5	0	4	4	53	CANGZHOU LOVELY TECHNOLOGY CO., LTD. Origin:China	0	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48



13	<b>Drill Electronic</b> ½ "Drill electronic heavy duty hand drill ½ 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 CO., LTD. Origin:China	40	0	0	2	0	3	45	China	40	0	0	0	4	4	48
14	<b>DIGITAL CONCRETE TEST HAMMER</b> Standard: EN 12504 PART 2 - ASTM C805 - BS 1881:202 - NF P18-417 - DIN 1048 - UNI 9189 - UNE 83307 -  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 - 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	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	CANGZHOU LOVELY TECHNOLOGY CO., LTD.Origin: China	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48
15	<b>TROWEL, STAINLESS STEEL 100x200mm</b> , 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	<b>Trowels.3 ¾"x 11"</b> 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	<b>Steel Hammer 300g</b>	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	<b>Rule Straight Edge 300mm long.</b>	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	Local	40	0	0	0	0	4	44
19	<b>Edgar Curved Edgar.3"x 6"radius.</b>	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	Local	40	0	0	0	0	4	44
20	<b>Edgar Curved Edgar.3"x 6"Edgar Curved Edgar 3"x 6"both ends, curved cuts 3/8"groove.</b>	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	Local	40	0	0	0	0	4	44
21	<b>Square Steel.24",Square steel 24", body 16"tongue.</b>	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
22	<b>Slump Cone.Slump conical steel bottom plate and steel roll.</b>	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	SmartTech SMT-SSS-069 Origin:Pakistan	40	0	0	2	0	3	45	Local	40	0	0	0	0	4	44
23	<b>Brushed Steel Wire.7"x 3"Brushes steel wire block (size: 7"x 3")</b>	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
24	<b>Tongs.Tongs for bricks 5 to 9 brick capacity</b>	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	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
26	Shovel.9 ½"x 12"Shovel masons, approx: 9 ½"x 12"square point with handle.	0	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
27	Shovel Round9 ½"x 12"Shovel round point. Blade size 9 ½"x 12"with handle.	0	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	Origin: Pakistan	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	0	4	44
28	Wheel Barrow.5 cu ftWheel barrow 4 to 5 cu ft capacity steel under carriage metal handles heavy rolled steel body 16"steel wheel fitted with 8 x 4 rubber tire and tube.	0	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	Origin: Pakistan	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	0	4	44
29	Hammer.16 Oz Hammer nail 16 Oz, bell face curved claw carpenters.	0	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
30	Durmat.10lbs,Durmat 10lbs steel base with wooden handle.	0	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
31	Pick Axe. Pick axe with handle.	0	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
32	Color Removing Scraper.Color removing scrapers steel blade wooden handle.	0	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	4	4	48	Ingco Origin:Pakistan	40	0	0	2	0	3	45	Local	40	0	0	0	0	4	44
33	Mild Steel Round Cutter.Mild steel round bar cutter.	0	0	0	0	0	0	0	0	Not Quoted	0	0	0	0	0	0	0	Not Quoted	40	0	0	2	0	3	45	Local	40	0	0	0	0	4	44
34	Hocked and Grooved.1" Hocked and grooved 1"bar handled with 5 sets tongued grooved for bending steel bars.	0	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	0	4	44

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Engr. Muhammad Sohail, \_\_\_\_\_  
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**Lahore**

<b>Model</b>
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**LIST OF EQUIPMENT'S FOR GPI MIRANSHAH**  
**DATE OF TENDER OPENING 09-03-2022**  
**(CIVIL DRAFTING SHOP)**

Item No.	Name of Items	Ali Trading Co, Peshawar							Model
		C.S		P.C		P.L.P		T	
		40	5	5	2	4	4	60	
1	<b>Drawing Table</b> 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	<b>Drafting Machine</b> 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	<b>Tee Square Wooden.</b> 42"(105cm)Smooth black polish with transparent plastic double edge superior quality.	40	0	0	2	0	3	45	Local
4	<b>Set Square.14"(35cm)</b> Set square unbreakable celluloid inch & cm graduation (30-60&45-45) degree.	40	0	0	2	0	3	45	Local
5	<b>Tracing Table</b> 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	<b>Drawing Instrument Set.</b> 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	<b>Drawing Technical pen set.</b> 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	<b>Template for Ellipse.</b> 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	<b>Template for Plumbing. size 175 x 11cm.</b> Transparent scale 1:50 outer size 175 x 11cm.	40	0	0	2	0	3	45	Local
10	<b>Template for Plumbing.</b> size 220x85mm .Sanitary installation transparent scale 1:50 size 220x85mm with H profile.	40	0	0	2	0	3	45	Local
11	<b>Electrical Template. Transparent.</b>	0	0	0	0	0	0	0	Not Quoted
12	<b>Template for Furniture.</b> size 225 x 125mmPlan view transparent outer size 225 x 125mm with ink bosses.	0	0	0	0	0	0	0	Not Quoted
13	<b>Metric Scale Set.30cmLength 30cm set</b> of 4 scales with plastic coating on imported cord. (Local.)	40	0	0	2	0	3	45	China
14	<b>Pencil Sharpening Machine. With 8 holes.</b>	40	0	0	2	0	3	45	China
15	<b>Drawing Binding Machine.12 ½ "</b> 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	<b>French Curve Set.</b> 18cm & 24cm.12 different curves packed in plastic box.	40	0	0	2	0	3	45	Local
17	<b>Pencil Sharpening Machine. With 8 holes.</b>	40	0	0	2	0	3	45	Local

18	<b>Scales Architect. 12"</b> Professional quality with heavy plastic center core Engraved graduations. Open dived: 1/8", 3/32", 3/16", 1/4", 3/8", 1/2", 3/4", 1", 1-1/2", and 3"to the foot. On edge is divided in sixteenths to the inch Color coded for easy identification.	40	0	0	2	0	3	45	China	
19	<b>Parallel Ruling. 15"</b> 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	
20	<b>Blue Printing Frame.</b> 6ft x 4ftMounted on wheels with best quality Namda-game made of seasoned wood.	0	0	0	0	0	0	0	Not Quoted	
21	<b>Paper Cutter. With moving cutter.</b>	40	0	0	2	0	3	45	Local	
22	<b>Template for Radius. 8-1/2"x 11"x .030"thick</b> 62 size ranging in diameter from 1-1/2"to 3-1/2".	40	0	0	2	0	3	45	China	
23	<b>Architecture Domestic Installation Template.</b> Furniture, sanitary installation / bath room and Toilet, Kitchen design and pipe installation templates	40	0	0	2	0	3	45	China	
24	<b>Flat Rules.2cmx30cm long.</b> Made of crystal clear acrylic with beveled edge and tracing edge.	40	0	0	2	0	3	45	China	
25	<b>Scale with Division.2cm-30 cm long. Transparent Plastic.</b>	40	0	0	2	0	3	45	China	
26	<b>Master Bow compass with rapid adjustment.</b> Length 175mm.Matte chrome finish Gear head design with rapid adjustmentCenter wheel fine adjustment 1/8"to 10"with built in stop. Interchangeable pencil and divider parts Packed in see-through plastic case with extra lead and T-bolt.	0	0	0	0	0	0	0	Not Quoted	
27	<b>Parabola Template.124x70x1.0mmParabola template with sine/cosine curve.</b>	40	0	0	2	0	3	45	China	
28	<b>Compass Set.</b> Contents master bow compass rapid adjustment with bifurcated drawing pen socket extension bar, pencil insert and lead / spare point container.	0	0	0	0	0	0	0	Not Quoted	
29	<b>Technician Compass.</b> Length 154mm for circles up to 480mm dia General purpose compass with bifurcated drawing pen socket. Needle leg with telescopic extension with pencil insert, screw driver and lead/spare point container.	0	0	0	0	0	0	0	Not Quoted	
30	<b>Dual Compass Attachment.</b> 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 for all rotting drawing pens.	0	0	0	0	0	0	0	Not Quoted	
31	<b>Rot ring Variant B Drawing Pens</b> 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	
32	<b>Rot ring Isograph Drawing Pens</b> Set of 8 rotring Isograph0.1,0.18 0.25 0.5 0.7 1.7 1.4 2.0	40	0	0	2	0	3	45	China	
33	<b>Draftsman Chair. Revolving Chair.</b>	0	0	0	0	0	0	0	Not Quoted	
34	<b>Draftsman Stool. Wooden Stool.</b>	40	0	0	2	0	3	45	Local	
Engr: Muhammad Adeel Khan, _____ Assistant Professor, (Civil) GTTC Hayatabad Peshawa								Engr. Muhammad Sohail, _____ Lecturer (Civil) GCT 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**

**(SOIL MECHANICS & HIGHWAY SHOP)**

Item No.	Name of Items	KBL Lahore							Smart Tech Multan							Anmol Scientific, 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>SPEEDY MOISTURE TESTERS</b> 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 gm MoistureRange 0-20% Weight : 6Kg	40	0	5	0	4	4	53	KBL	40	0	5	0	0	4	4	49	Smart Tech Origin:Pakistan Model: SMT-SM06	40	0	0	0	0	4	4	44	Impact UK
2	<b>ELECTROMAGNETIC SIEVE SHAKER</b> 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	0	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	4	44	Impact UK	
3	<b>LABORATORY OVENS,</b> 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. Sturdy manufacture, double-walled with 60 mm thick glass fibre for thermal insulation	40	0	5	0	4	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	4	44	China	







8	<b>Soil MACKINTOSH PROSPECTING KIT</b> 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	<b>Soil Analysis Sieve Test.</b> 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	<b>PAVEMENT CORE DRILLING MACHINE</b> 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	<b>Standard Compaction Test Set.</b> 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	<b>MICROWAVE OVEN</b> 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	<b>AUTOMATIC PROGRAMMABLE PROCTOR - CBR</b> 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. The microprocessor software allows to select and to perform different compaction cycles in	0	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

	<p>The microprocessor software allows to select and to perform different compaction cycles in 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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Rammer drop speed: 1 blow each 2 seconds.</p> <p>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.</p> <p>The machine is supplied "without rammers" to be ordered separately and selected according to the desired Standard (rammers are interchangeable).</p> <p>Not sellable in CE markets</p> <p>Power supply: 230V 1ph 50Hz 500W</p> <p>Dimensions: 610x470xh1710 mm</p> <p>Weight: 165 Kg</p>																															
14	<p><b>Dungan Test Set.</b>          (To determine the sp. Gravity of fine &amp; absorption &amp; coarse aggregate). 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.</p>	0	0	0	0	0	0	0	0	Not Quoted	40	0	0	0	0	0	4	44	Model: Nil	40	0	0	0	0	0	4	44			PAK		
15	<p><b>PROCTOR PENETROMETER</b>          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.</p>	0	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	0	4	44			PAK			

16	<b>PROVING RING PENETROMETER</b> Used to determine the bearing strength, compaction degree of subgrades, and also for determining the penetration resistance of soil. Supplied complete with "T" handle, proving ring 100 kgf (1 kN) with maximum load pointer and calibration chart, extension rod 500 mm. long graduated every 100 mm., removable cone point 30 ° with 1 sq.in. top area. Cadmium plated against corrosion. Weight: 5 Kg	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	Smart Tech Origin: Pakistan Model: SMT-SMP- 296	40	0	0	0	0	4	44	PAK
17	<b>Compacting Factor Apparatus:</b> Frame, hinged welded, constricted. Hoppers. Two detachable; bottoms with hinged trap doors with release catches. Replacement parts.	40	0	5	0	4	4	53	KBL	40	0	5	0	4	4	53	Smart Tech Origin: Pakistan Model: SMT-SCF- 0474	40	0	0	0	0	4	44	PAK
18	<b>Stop Watches.</b>	40	0	5	0	4	4	53	KBL	40	0	0	0	4	4	48	Origin: Pakistan Make: Q&Q Stopwatch	40	0	0	0	0	4	44	China
<b>Engr: Muhammad Adeel Khan,</b> _____ <b>Assistant Professor, (Civil) GTTTC Hayatabad Peshawa</b>		<b>Engr. Muhammad Sohail,</b> _____ <b>Lecturer (Civil) GCT Khar Bajaur</b>																							

**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)**

Item No.	Name of Items	Al-Waqas Associate, Lahore							Ali Trading Co, Peshawar								
		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	
1	<b>Pipe Wrench.</b> 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 ¾ respectively.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
2	<b>Pipe Wrench</b> ¼"-4"Cap.Pipe wrench China type ratcheting and reversing china pipe wrench. Drop forged steel body nickel chrome plate 12"handle 15"chain capacity ¼ to 4"	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
3	<b>Pipe Grip.</b> 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	<b>Pipe Reamer.</b> 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	<b>Pipe Vice.</b> 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	<b>Pipe Thread Set.</b> ¼ "to 1 ¼ " Pipe thread set (NPT) reversible reversible ratchet handle set to include dies for pipe size ¼, 3/8 ½, and ¾,1, 1 ¼ inches.	40	0	0	0	0	4	44	China	0	0	0	0	0	0	0	Not Quoted
7	<b>Pipe Taps.</b> ¼ "to 1 ¼ "Pipe taps (NPT) high grades tempered tool steel, one set consisting of square shank top and of the following size: ¼, 3/8, ½, ¾, 1 and 1 ¼, inches.	40	0	5	0	0	4	49	Pak	0	0	0	0	0	0	0	Not Quoted
8	<b>Pipe Tap.</b> ¼"to 1 ¼"Pipe tap wit worth (NPT) high grades tempered tool steel one set consisting of square shank taps of the following (size: ¼, 3/8, ½, ¾, 1 and 1 ¼ inches).	40	0	5	0	0	4	49	Pak	0	0	0	0	0	0	0	Not Quoted
9	<b>Pipe Cutter.</b> ¼"to 1 ¼"Pipe cutter with heavy duty cutter wheel (capacity 1/8"to 1 ¼".)	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
10	<b>Pipe Cutter.</b> ¼"to 2"Pipe cutter with heavy duty cutter wheel (capacity ¼" to 2")	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
11	<b>Cutter Wheel.</b> 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	<b>Wrenches.</b> 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	<b>Pliers Adjustable.</b> 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	<b>Level Aluminum</b> 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	<b>Square Steel.</b> 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	<b>Star Drill.</b> ¾ " Star drill forged alloy steel, each set to consist of one each ¼ , 3/8 ¾ 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	<b>Drill Electric Heavy Duty.</b> ½" Drill electric heavy duty handle drill ½ 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	<b>Masonry Drills.</b> 1/8"- ¼" Masonry drill one each ¼", 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	<b>Hacksaw.</b> 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	<b>Hammer Ball.</b> 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	<b>Hammer Ball Pin.</b> 16 Oz Hammer ball peen 24 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
22	<b>Hammers Nail.</b> 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	<b>Screwdrivers.</b> 16"x ¼ " Screwdrivers ¼"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	<b>Water Closet.</b> Water closet English type.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
25	<b>Water Closet.</b> Water closet Indian type.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
26	<b>Wash Hand Basin.</b> 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	<b>Wash Hand Basin.</b> 2 Pillar cock pattern.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
28	<b>Urinal.</b> Urinal.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
29	<b>Overhead Tank</b> Overhead steel water tank.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
30	<b>Low Level Tank.</b> Low level steel water tank.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
31	<b>Pillar Cock.</b> Pillar cock (Asian Pattern).	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
32	<b>Mixer Type.</b> Mixer type pillar cock.	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
33	<b>Stop Cock.</b>	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
34	<b>Bib Cock.</b>	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
35	<b>Waste Coupling.</b>	40	0	0	5	0	4	49	Pak	40	0	0	2	0	3	45	PAK Best Quality
36	<b>Files.</b> Round12" 2 <sup>nd</sup> cut.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
37	<b>Files.</b> Flat 12" 2 <sup>nd</sup> cut.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality
38	<b>Files.</b> Three square 12" 2 <sup>nd</sup> cut.	40	0	0	0	0	4	44	China	40	0	0	2	0	3	45	PAK Best Quality

Engr: Muhammad Adeel Khan, \_\_\_\_\_  
Assistant Professor, (Civil) GTTTC Hayatabad Peshawa

Engr. Muhammad Sohail, \_\_\_\_\_  
Lecturer (Civil) GCT 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**

**(HYDRALICS AND IRRIGATION SHOP)**

Item No.	Name of Items	Smart Tech Multan							Model
		C.S		P.C		P.L.P		T	
		40	5	5	2	4	4	60	
<b>1</b>	<b>Volumetric Hydraulic Bench.</b> 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) depth: 100mm.Vernier Gauge depth: 100mm. Assembly.	40	0	5	0	4	4	53	Pakistan Model: SMT-HB- 18
<b>2</b>	<b>Free Standing Apparatus. (Stability of a floating body).</b> 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
<b>3</b>	<b>Venturimeter Venturitube aluminum inlet inside dia 26mm.</b> Throat inside dia 16mm outlet 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: 0.26m <sup>3</sup> , 40kg.	40	0	5	0	4	4	53	Pakistan Model: H-ST-VMA100
<b>Engr: Muhammad Adeel Khan, _____</b> <b>Assistant Professor, (Civil) GTTTC Hayatabad Peshawa</b>		<b>Engr. Muhammad Sohail, _____</b> <b>Lecturer (Civil) GCT Khar Bajaur</b>							

**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 No.	Name of Items	Ali Trading, Peshawar							
		C.S		P.C		P.L.P		T	Model
		40	5	5	2	4	4	60	
1	<b>Work Benches.</b> 1320mmx560mmx838mm Wood tops thickness 32 mm with wooden leg 102mm square.	40	0	0	2	0	3	45	PAK Best Quality
2	<b>Bits Auger.</b> 6mm to 25mm Bits auger consisting of 13 bits 6mm to 25mm.	40	0	0	2	0	3	45	PAK Best Quality
3	<b>Bits Auger.</b> 6mm 10mm 12.5mm 19mmMade of tool steel double square.	40	0	0	2	0	3	45	PAK Best Quality
4	<b>Bits Expansive and Adjustable.</b> 15 to 35mmBits expansive and adjustable, boring from 15mm to 5mm.	40	0	0	2	0	3	45	PAK Best Quality
5	<b>Bits Countersink.</b> 12.5mmBits countersink for brace. For wood, 12.5mm dia.	40	0	0	2	0	3	45	PAK Best Quality
6	<b>Bits Screwdriver.</b> 4.75mmBits screwdriver 4.75mm for brace.	40	0	0	2	0	3	45	PAK Best Quality
7	<b>Screwdriver.</b> 6mmScrewdriver, 6mm for brace.	40	0	0	2	0	3	45	PAK Best Quality
8	<b>Bits Screwdriver.</b> 8mm,15mmBits screwdriver, for brace.	40	0	0	2	0	3	45	PAK Best Quality
9	<b>Bits Gimlet.</b> 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	<b>Bits Brace.</b> 200mm Bits brace 200 mm sweep "Alligator" Jaw chromed.	40	0	0	2	0	3	45	PAK Best Quality
11	<b>Bits (Machine).</b> 9.5mm 12.5mm 9mm, 25mm Bits Machine for wood.	40	0	0	2	0	3	45	PAK Best Quality
12	<b>Twist Drills.</b> 1.5mm to 12.5mm 3mm 4.74mm,Twist Drills straight shank.	40	0	0	2	0	3	45	PAK Best Quality

13	<b>Hand Drill</b> 8mmDouble pinion drill with die cast body and wooden handle. Used for small drilling operations. Overall dia. 215mm 3jaw chuck type.	40	0	0	2	0	3	45	PAK Best Quality
14	<b>Vice.</b> 175mmVice, wood workers rapid action, dog in front jaw.	40	0	0	2	0	3	45	PAK Best Quality
15	<b>Curving Sets.</b> Curving sets consisting of chisel, bent gauge u-tool skew chisel, veining tool, forged stool blades long wooden handles (set of size)	40	0	0	2	0	3	45	PAK Best Quality
16	<b>Chisels.</b> 3mm, 115mmChisels wood forged in one piece, tough plastic handles.	40	0	0	2	0	3	45	PAK Best Quality
17	<b>Chisel Wood.</b> 6mm 9.5mm 12.5mm 19mm 25mm 37.5mm 50mm Chisels wood forged in one piece, tough plastic handles 115 mm blades.	40	0	0	2	0	3	45	PAK Best Quality
18	<b>Gauge.</b> 6mm 12.5mm 19mm 25mm , Gauge inside ground for wood working hand forged tool steel blades wood handles (for wood turning)	40	0	0	2	0	3	45	PAK Best Quality
19	<b>Gauges.</b> 3mm 6mm 12.5mm 19mm 25mm ,Gauges outside ground for wood working.	40	0	0	2	0	3	45	PAK Best Quality
20	<b>Hammer.</b> ½ Kg,¼ Kg, Hammer nail bent claws, bell face designed to pull nails without heads.	40	0	0	2	0	3	45	PAK Best Quality
21	<b>Planes.</b> 355mm x 50mm Planes jack smooth bottom fine gray cast iron frames.	40	0	0	2	0	3	45	PAK Best Quality
22	<b>Plane.</b> 355mm x 50mmPlane jointer.	40	0	0	2	0	3	45	PAK Best Quality
23	<b>Planes.</b> 140mm x 19mmPlanes rabbit.	40	0	0	2	0	3	45	PAK Best Quality
24	<b>Planes.</b> 225mm x 50mm Planes smoothing.	40	0	0	2	0	3	45	PAK Best Quality
25	<b>Plane.</b> Planes Router hand plane circular for concave and convex surfaces, steel base.	40	0	0	2	0	3	45	PAK Best Quality
26	<b>Plane.</b> 150mmPlanes block low cutting angle of 12 degree.	40	0	0	2	0	3	45	PAK Best Quality
27	<b>Rules.</b> 610mm x 28mm 350mm Rules bench, made of hardwood.	40	0	0	2	0	3	45	PAK Best Quality
28	<b>Shrink Rules.</b> 300mm 7.5mm (L)5mm(L),Shrink Rules Steel.	40	0	0	2	0	3	45	PAK Best Quality



29	<b>Saw Coping.</b> 162mmSaws coping using pin type blades adjustable to any angle.	40	0	0	2	0	3	45	PAK Best Quality
30	<b>Saw, Blades.</b> 150mm Saw blades coping saw.	40	0	0	2	0	3	45	PAK Best Quality
31	<b>Saw.</b> 300mm.Saws back full hand grip handle.	40	0	0	2	0	3	45	PAK Best Quality
32	<b>Saw.</b> 300mmSaw compass with reversible blade, feature.	40	0	0	2	0	3	45	PAK Best Quality
33	<b>Saw.</b> 660mm Hand Saws, coarse cut 8 TPI	40	0	0	2	0	3	45	PAK Best Quality
34	<b>Saw.</b> 140mm & 660mm Saw hand rip.	40	0	0	2	0	3	45	PAK Best Quality
35	<b>Saw.</b> 300mm 14 TPI.	40	0	0	2	0	3	45	PAK Best Quality
36	<b>Saw.</b> 225mmHand saw coarse cut.	40	0	0	2	0	3	45	PAK Best Quality
37	<b>Mitre Box.</b> 608mm x 127mmMitre box including eleven point stiff back saw, adjustable angle capacity at right angle 200 mm at 45 degree, 125mm.	40	0	0	2	0	3	45	PAK Best Quality
38	<b>Miter Machine.</b> 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
39	<b>Screw Driver.</b> Size 1, 2, 3, 100mm shank 6mm blade 150mm shank 6mm blade 225mm shank 6mm blade. Screw drivers.	40	0	0	2	0	3	45	PAK Best Quality

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