

Technical specifications the supply and delivery of equipment for a PPDP Vocational Training Centre

I. General Background Information:

The purpose of this procurement is to purchase equipment for training courses on earth moving / construction equipment (i.e. wheel loader, excavator and articulated hauler, etc.) for the implementation of project activities in relation Public Private Development Partnership.

II. THE SCOPE OF SUPPLY: HEAVY EQUIPMENT TRAINING

Items should be packed in 'last-trip' containers. Containers should be loaded only with goods for a single destination with one (or more) container(s) destined for the project country. The container/s will be left on site and used as secure storage space at the training centres.

REQUIREMENTS			TO BE COMPLETED BY THE INVITEE			
Item	Name and required parameter	QTY	unit price	total item price	compliance*	Remarks**
			currency US \$	currency US \$	yes/no	
LOT 1 : General Hand Tools						
1.1	<u>5 Drawer Roller Cabinet Tool Box</u> Minimum Overall Dimensions W 676 x D 460 x H 860mm Heavy duty construction designed for heavy use Heavy duty ball bearing drawer slides Powder coat finish for improved corrosion resistance Heavy duty castors Double wall construction for increased strength Drawer liners should be included Items from 1.2 through 1.34 should be packed neatly inside this tool box.					
1.2	<u>Combination wrench</u> Material : Chrome Vanadium steel Quality Standards : ANSI & DIN Offset : 15° Finish : Mirror polished Sizes in metric : 6 to 30 and 32 (Total 26 pieces) Case : Cloth bag or hard case					

1.3	<u>Socket Set Box</u> Type : 6PT Flanked Socket drive size : ½ inch Socket Sizes in metric : 10 to 27, 30 and 32 Universal joint Drive : ½ Inch Extension bar : ½ Inch drive length 5 Inch Extension bar : ½ Inch drive length 10 Inch Sliding T Handle : ½ Inch drive length 10 Inch Speed Brace : ½ Inch drive Ratchet Handle : ½ Inch drive, satin finish Case : Metal case					
1.4	<u>Socket Set Box</u> Type : 6PT Flanked Socket drive size : 3/8 inch Socket Sizes in metric : 6 to 24 Universal joint Drive : 3/8 Inch Extension bar : 3/8 Inch drive length 3 Inch Extension bar : 3/8 Inch drive length 6 Inch Sliding T Handle : 3/8 Inch drive Ratchet Handle : 3/8 Inch drive Spark plug socket : 3/8 Inch drive, magnetic, 16 and 21mm Case : Metal case					
1.5	<u>Adjustable wrench</u> Material : Chrome Vanadium Steel Head : Millimetre graduation Length : 300mm Jaw : 39mm Maximum opening					
1.6	<u>Key wrench – Star foldable (Allen)</u> Size : 2,2.5,3 to 10, 12,14,17 and 19 mm Case : Metal or cloth					
1.7	<u>Key wrench – Star foldable (Torx)</u> Size : T9,T10,T15,T20,T25,T27,T30 and T40					
1.8	<u>Feeler Gauge</u> Type : Metric Leaves : Tapered # of leaves : 20 Range : 0.05 to 1mm					
1.9	<u>Folding Bevel Gauge</u> Size : 150mm Material : Stainless steel Height : 0.5 inches Length : 7 inches Width : 0.2 inches					
1.10	<u>Socket Deep</u> Size: 15mm Drive: 3/8 Inch Design: Flanked					

1.11	<u>Socket Deep Torx (star)</u> Drive: 3/8 Inch Sizes: E14 Material: Chrome Vanadium					
1.12	<u>Socket Deep Torx (star)</u> Drive: 3/8 Inch Sizes: E20 Material: Chrome Vanadium					
1.13	<u>Screw Pitch Gauge</u> Type : Metric Thread Angle : 60 degree Leaves : Narrow/Flattened teeth # of leaves : 28 Locking Device : Thumb screw Range of pitch : 0.25 to 2.5mm					
1.14	<u>Screw Pitch Gauge</u> Type : Inch # of leaves : 16 pair Locking Device : Thumb screw Range of pitch : 1/32" to 17/64"					
1.15	<u>Circuit Tester</u> Should able to check polarity and circuit condition Activate the component with positive or negative current without a jumper wire Test the voltage and continuity of the circuit Operating Voltage : 12 to 24V Short circuit protection : Yes Circuit condition : Open/Short Testing : Voltage and continuity Jumper wire : Yes OEM 24366 or equivalent					
1.16	<u>Thread Pitch Gauge</u> Type : Metric Thread Angle : 60 degree Leaves : Narrow/Flattened teeth # of leaves : 18 Locking Device : Thumb screw Range of pitch : 0.4 to 7mm					
1.17	<u>Thickness Gauge</u> Type : Metric, long leaf Leaves : Tapered # of leaves : 20 Range : 0.05 to 1mm					
1.18	<u>Measuring Tape</u> Measuring Range : 3.5 Meter Blade width : 1/2" Blade material : Steel Case type : Closed/Steel					

1.19	<u>Digital Multitester</u> AC and DC voltage: 0,1 mV to 600 V AC and DC current: 10 mA to 10 A Resistance: from 0,1 to 40 Mega ohm Frequency: 0,01 Hz to 400 kHz Capacitor: 1 pF to 40 µF. Conform to the double insulation standard CEI 1010-1 Protection: IP50 Supplied with a shock proof plastic cover, test leads and batteries					
1.20	<u>Punch and Chisel Set (5pc)</u> Should be supplied in a pouch and include 3/8 x 5/16 x 5-1/4 in. Cold Chisel 5/8 x 1/2 x 6-1/2 in. Cold Chisel 3/8 x 5 in. Center Punch 3/16 x 5/16 x 5-1/2 in. Pin Punch 3/16 x 3/8 x 5 in. Solid Punch					
1.21	<u>Oil filter wrench</u> Should fit large diameter tractor and truck filters from 4-3/4-in. to 5-1/8-in. (120.7 mm to 130.2 mm) Swivel handle is recommended which allows user to get to filters in hard-to-reach areas. Wide dimpled band securely grips filters without crushing. Easy grip vinyl handle.					
1.22	<u>Striking Hammer</u> Heavy duty 52 HRC Head Head weight 2.5 lbs or 4 lbs Handle length 12" or 16" 4 Spring Steel Bars					
1.23	<u>Combination Plier</u> Size 7 Inch Chrome Molybdenum Steel Material Precision-hardened cutting edges Comfort grip handle					
1.24	<u>Long Nose Plier</u> Size 8 Inch Chrome Molybdenum Steel Material High frequency hardened cutting edge Serrated and rigid jaws					
1.25	<u>Heavy duty Diagonal Cutting Plier</u> Size: 6 Inch Chrome Molybdenum Steel Material High leverage design, rivet should be closer to cutting edge Induction hardened cutting knives					
1.26	<u>Box Joint Water Pump Plier</u> Size: 10 Inch Adjustment: 7 Position Chrome Molybdenum Steel Material					
1.27	<u>Wire Stripper</u> Sliding cross-block design, trigger actuated Should strip wire diameter from 0.2 to 6mm2 (24-10AWG) Hardened steel blades					

1.28	<u>Screwdriver Set (11pcs)</u> Slotted Anti-Slip Screwdrivers total 7pcs 3x75, 3.5x100, 4x100, 5.5x100, 6.5x150, 8x175, 10x200 Phillips Anti-Slip Screwdrivers PH0x60, PH1x80, PH2x100, PH3x150					
1.29	<u>Internal and External Circlip plier (2pcs 10 Inch)</u> Interchangeable angled tips (80°, 45°, 15° and 0°) Ratchet locking mechanism with quick release All steel construction Vinyl grips Case: Metal or Plastic					
1.30	<u>12 in. 360 Degree Adjustable Hacksaw</u> Chrome-plated steel frame Impact-resistant ABS handle 3" throat Uses conventional 12" hacksaw blades Supplied with Hacksaw blade 12", qty 10					
1.31	<u>Air Gun</u> Body Style: Pistol Grip Trigger: Lever Body Material : Aluminium / Brass / Steel Inlet Size : 1/4" (F)NPT Outlet Size : 5/8" Extension Size : 6" Nozzle : Pinned, Tamper Proof, Air Shield Nozzle Length : 6" Output : 0.5 lbf Air Consumption : 35 scfm Overall Length 11-3/4"					
1.32	<u>Inspection Lamp</u> Integral hook for positioning. Non slip handle for safe use. Open guard, approx.. 5 metres of cable. BS approved 3 pin plug. 60w rough service bulb should be included. Product Dimensions (mm): H 329 x W 140 x D 130 Operating Voltage: 240v					
1.33	<u>Drive Impact Driver Set</u> ½ Inch Drive Impact Driver – Length 145mm Quick Change Bit Holder ½ Inch Drive x 5/16" Height, Length 38mm 5/16 Inch Hex Shank Slotted Insert Bits 1.2x8mm & 1.6x10mm, Length 36mm 5/16 Inch Hex Shank Phillips Insert Bits PH2 & PH3, Length 36mm 5/16 Inch Hex Shank Phillips Insert Bits PH2 & PH3, Length 80mm					
1.34	<u>Cantilever Toolkit - 164 Piece</u> <u>TRAY 1: 69 Piece, Tray 1/4" & 3/8" Drive Sockets & Accessories - Mirror Polish</u> METRIC SIZES: ■ 10 Sockets 1/4" Square Drive: 4, 5, 6, 7, 8, 9, 10, 11, 12,					

	<p>13mm</p> <ul style="list-style-type: none"> 11 Sockets 3/8" Square Drive: 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm <p>IMPERIAL SIZES:</p> <ul style="list-style-type: none"> 10 Sockets 1/4" Square Drive: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2" 9 Sockets 3/8" Square Drive: 5/16, 1/4, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4" <p>SOCKET ACCESSORIES:</p> <ul style="list-style-type: none"> 1/4" Square Drive: Spinner Handle, Bit Coupler 3/8" Square Drive: Ratchet Handle Reversible, Flex Handle 200mm (8") , Extension 75mm (3"), Extension 150mm (6"), Universal Joint 1 Spark Plug Socket: 16mm (5/8) x 3/8" Square Drive 3 Socket Adaptors: 1/4 Male x 3/8" Female Adaptor 3/8 Female x 1/2" Male Adaptor 1/2" Female x 3/8" Male Adaptor 18 Piece Bit Set Phillips: No1, No2, No3 Blade: 3, 5, 6, 8mm Torx: T15, T20, T25, T40 Hex: 2.5, 5, 6mm <p><u>TRAY 2: 11 Piece Combination Spanners - Mirror Polish</u></p> <p>METRIC SIZES:</p> <p>8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,mm</p> <p><u>TRAY 3: 11 Piece Combination Spanners - Mirror Polish</u></p> <p>IMPERIAL SIZES:</p> <p>1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 15/16"</p> <p><u>TRAY 4: 28 Piece 1/2" Drive Sockets & Accessories - Mirror Polish</u></p> <p>METRIC SIZES:</p> <ul style="list-style-type: none"> 11 Sockets 1/2" Square Drive: 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21mm <p>IMPERIAL SIZES:</p> <ul style="list-style-type: none"> 11 Sockets 1/2" Square Drive: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" 1/2" Square Drive: Ratchet Handle Reversible, Flex Handle 250mm (10"), Extension 75mm (3"), Extension 250 mm (10"), Universal Joint 1 Spark Plug Sockets: 21mm (13/16) x 1/2" Square Drive <p><u>BOTTOM TRAY</u></p> <p>Screwdriver Set 8 Piece</p> <ul style="list-style-type: none"> 4 Screwdrivers - Blade: 3mm x 75mm, 5mm x 100mm, 6mm x 100mm, 8mm x 150mm 					
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	<ul style="list-style-type: none"> 4 Screwdrivers - Phillips: No.0 x 75mm, No.1 x 75mm, No.2 x 100mm, No.2 x 38mm <p>25 Hex Key Wrench Set</p> <p>METRIC SIZES:</p> <ul style="list-style-type: none"> 1.5, 2.0, 2.5, 3.0, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0mm <p>IMPERIAL SIZES:</p> <ul style="list-style-type: none"> 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" <p>Other Tools</p> <ul style="list-style-type: none"> Combination Plier 200mm (8") Long Nose Plier 200mm (8") Diagonal Cutting Plier 200mm (8") Multi-Grip Plier 250mm (10") Lock Grip Plier 250mm (10") Adjustable Wrench 150mm (6") Adjustable Wrench 250mm (10") Heavy Duty Hacksaw Engineers Hammer Ball Peen 450g (16oz) Utility Knife 8 Metre Tape Measure <p><u>TOOL BOX:</u> Cantilever Tool Box - 5 Tray Tool Chest measurements: W: 540mm D: 280mm H: 240mm Tool Boxes should be manufactured from Heavy Gauge Steel, Powder Coated</p>					
2.1	<u>Bore dial gauge</u> Measuring Range : 50 to 150mm Number of Anvils : 11 (50mm Sub Anvil) Number of spacers : 4					
2.2	<u>Micrometer Set - Outside</u> Measuring Range : 0 to 150mm Graduation : 0.01mm Ratchet stop : Yes Mechanical counter : No Electronic display : No					
2.3	<u>Vernier Caliper</u> Measuring Range : 0 to 300mm Depth bar type : Blade Fine adjustment : No Electronic display : No					
2.4	<u>Magnetic stand</u> Holding diameter : 06mm to 8mm Magnet ON/OFF switch : Yes					

2.5	<u>Dial Indicator</u> Graduation : 0.01mm Outside diameter : 57mm Bezel clamp : No Lifting lever : No Contact point : Carbide Stem Diameter : 8mm					
2.6	<u>Infrared Thermometer</u> , Temp. Range (F) -40 Degrees to 1022 Degrees F, Temp. Range (C) -40 Degrees to 550 Degrees C, Focus Spot Size and Distance 1 In. @ 12 In., Accuracy +/-2 Degrees F or +/-1 Percent, Emissivity Adjustable Low(0.3), Med (0.7) High (0.95), Laser Sighting Single Dot, Battery Type (2) AA, Data Hold Yes, Display Backlit LCD, Resolution 0.1 Degrees C, Spectral Response 8 to 14 uM, Response Time 500 msec., Repeatability +/-2 Degrees F or +/-0.5 Percent, Memory Min/Max					
2.7	<u>Refractrometer</u> Style : Battery/Coolants Range : – 60°F to 32°F / 1.15 to 1.30 sg Resolution : 10°F ; 0.01 sg					
2.8	<u>Seal Tape</u> Material : Teflon or Silicon Temperatures : -85°F to 500°F Strength : 700PSI Measure : 10feet long by 1 inch wide Corrosion and chemical resistant Leaves no residue					
2.9	<u>Hydraulic System Plugs - Assorted</u> Material : Polyethylene Selection Range : 3/16" through 1" Hose TAA Compliant : Yes Usage : To plug the hose after removal Should be supplied in a box Lawson LP476 or equivalent					
2.10	<u>Bottle Jack with side pump</u> Capacity : 30 Ton Maximum height : 18" Minimum height : 11" Hydraulic lifting : 7" Base size length : 8-1/8" Base size width : 6-7/8"					
2.11	<u>Magnetic pie field indicator</u> For detecting discontinuity in ferrous metals Specification should comply ASTM E709-08, ASTM E1444, BPVC 50-0-50 Gauss					
2.12	<u>Long sleeve twill coverall</u> 7.25 oz. Durable 65% polyester/ 35% cotton twill Lock-stitched hem Double front pockets Double stitched seams Side elastic waist for comfort Roll-up snap closure at sleeve cuffs					

	Expanded ruler/tool pocket on right side Two chest pockets, one with flap and pearl snap closure, one with pencil slot Size: XS – Chest 44, Waist 35 and Inseam 30 inch					
2.13	<u>Long sleeve twill coverall</u> 7.25 oz. Durable 65% polyester/ 35% cotton twill Lock-stitched hem Double front pockets Double stitched seams Side elastic waist for comfort Roll-up snap closure at sleeve cuffs Expanded ruler/tool pocket on right side Two chest pockets, one with flap and pearl snap closure, one with pencil slot Size: S – Chest 48, Waist 39 and Inseam 30 inch					
2.14	<u>Long sleeve twill coverall</u> 7.25 oz. Durable 65% polyester/ 35% cotton twill Lock-stitched hem Double front pockets Double stitched seams Side elastic waist for comfort Roll-up snap closure at sleeve cuffs Expanded ruler/tool pocket on right side Two chest pockets, one with flap and pearl snap closure, one with pencil slot Size: M – Chest 52, Waist 43 and Inseam 30 inch					
2.15	<u>Long sleeve twill coverall</u> 7.25 oz. Durable 65% polyester/ 35% cotton twill Lock-stitched hem Double front pockets Double stitched seams Side elastic waist for comfort Roll-up snap closure at sleeve cuffs Expanded ruler/tool pocket on right side Two chest pockets, one with flap and pearl snap closure, one with pencil slot Size: L – Chest 56, Waist 47 and Inseam 30 inch					
2.16	<u>Long sleeve twill coverall</u> 7.25 oz. Durable 65% polyester/ 35% cotton twill Lock-stitched hem Double front pockets Double stitched seams Side elastic waist for comfort Roll-up snap closure at sleeve cuffs Expanded ruler/tool pocket on right side Two chest pockets, one with flap and pearl snap closure, one with pencil slot Size: XL – Chest 60, Waist 51 and Inseam 30 inch					
2.17	<u>Long sleeve twill coverall</u> 7.25 oz. Durable 65% polyester/ 35% cotton twill Lock-stitched hem					

	Double front pockets Double stitched seams Side elastic waist for comfort Roll-up snap closure at sleeve cuffs Expanded ruler/tool pocket on right side Two chest pockets, one with flap and pearl snap closure, one with pencil slot Size: XXL – Chest 64, Waist 55 and Inseam 30 inch					
2.18	<u>Safety gloves</u> Size : XS 18cm Leather palm Back material: Cotton Safety cuff Supplied in Pairs					
2.19	<u>Safety gloves</u> Size : L 25cm Leather palm Back material: Cotton Safety cuff Supplied in Pairs					
2.20	<u>Safety goggles</u> Back material: Soft vinyl With adjustable headband Clear Perforated					
2.21	<u>Hydraulic pressure measuring set</u> 2 x 63mm glycerine filled pressure gauges 100 and 700 bar. 3 x Minimesse™ Male/Swivel Female 1620 inline test point adaptors. 1/4", 3/8" & 1/2" BSP. 3 x Minimesse™ 1620 changeover adaptors from 1215, 1615 & HSP(5/8"BSF) 1 x Minimesse™ 1620 test point - 1/4" BSP. 1 x G1/4" BSP to 1620 gauge adaptor. 2 x 630 bar rated Minimesse™ pressure test hoses (1620 & Steck) - 1.5 meters long. Additional 3/8" & 1/2" BSP male threaded adaptors & seals. Hydrotechnik 3101-16-XX (59, i.e 100 bar and 700 bar gauges) or equivalent					
2.22	<u>Hydraulic Pressure Gauge Digital</u> Pressure Rating : 0 – 1000 bar Accuracy, % of full scale: +/- 0.25% Shut off selectable and menu driven IP65 protection Protective cover should be included Hose and adaptor should be included Hose length should be minimum 100cms Adaptor style : Quick connector on either end (1/4") Enerpac DGR2 or equivalent					
2.23	<u>Hydraulic Hand Pump</u> Style of Cylinder : C Series Cylinder Capacity : 15 tons Stroke : 6.125 inches					

	<p>Retracted Height : 10.6875 inches</p> <p>Pump Speed : Single</p> <p>Hand Pump Gauge : Supplied with adaptor</p> <p>Metro RPS156 or equivalent</p>					
2.24	<p><u>Rotary Barrel Pumps</u></p> <p>Cast Iron pump body</p> <p>Should be able to fit in 50 to 205 Litre barrel</p> <p>Should be supplied with 1 Inch suction tube, 2 Inch cast iron bung nut, discharge spout, 1.8M hose and a discharge nozzle attached to the discharge port</p> <p>Output: 5 Litre per 20 turns</p>					
2.25	<p><u>Flexible Spout Measures</u></p> <p>Material : Plastic, translucent high density Polyethylene</p> <p>Marking in Litres (Scale)</p> <p>Should be supplied with Polyethylene flexible spout with cap and polypropylene lid</p> <p>Capacity : 1 Litre</p>					
2.26	<p><u>Flexible Spout Measures</u></p> <p>Material : Plastic, translucent high density Polyethylene</p> <p>Marking in Litres (Scale)</p> <p>Should be supplied with Polyethylene flexible spout with cap and polypropylene lid</p> <p>Capacity : 5 Litre</p>					
2.27	<p><u>Funnels</u></p> <p>Material: Heavy Duty Polypropylene</p> <p>Anti-Splash & Spill Proof, with rim of the funnel curved in</p> <p>Complete with Wire Mesh Screen, Dust Cover & flexible spout</p> <p>Available in 2 sizes. The larger size is available both with and without drum Bung Attachment, which allows the funnel to be mounted direct onto drums with 2" threaded opening</p> <p>Capacity : 1.7 Litre</p> <p>Major Diameter : 205 mm</p> <p>Spout Length : 170mm</p>					
2.28	<p><u>Funnels</u></p> <p>Material: Heavy Duty Polypropylene</p> <p>Anti-Splash & Spill Proof, with rim of the funnel curved in</p> <p>Complete with Wire Mesh Screen, Dust Cover & flexible spout</p> <p>Capacity : 3 Litre</p> <p>Major Diameter : 205 mm</p> <p>Spout Length : 245mm</p>					
2.29	<p><u>Oil Cans</u></p> <p>Steel construction, with the body seamless drawn from tin coated sheet in powder coated finish, dome shaped.</p> <p>Lever styled hand operated Metal pump</p> <p>Rigid steel extension spout</p> <p>Capacity : 500 ml</p> <p>Spout Length : 150mm</p>					
2.30	<p><u>Oil / Grease Gun</u></p> <p>Hand operated</p> <p>Should be able to handle flowable greases & light oils without leakage</p>					

	High Quality CDW steel barrel with fully machined seam Aluminium die-cast head Capacity : 14oz. (400gm) grease cartridge / 500 cc bulk Variable Stroke Develops upto 10,000 PSI / 690 BAR Steel extension length 150 mm Suction fill					
2.31	<u>Air Impact Wrench</u> Drive : ½ Inch Maximum Torque: 700 ft. lbs. Torque Range: 50 to 500 ft. lbs. Working pressure : 90 PSI Recommended hose size : 3/8 Inch Speed – 7000 RPM Dial style forward and reverse regulator Silencing handle exhaust - only 92 dB Three forward speeds					
2.32	<u>Torque Wrench Adjustable Click Type</u> Torque Range: 70-340 Nm, 50-250 Lb.ft. Drive : 1/2" inches. Overall Length at Min Capacity : 825mm					
2.33	<u>Torque Wrench Adjustable Click Type</u> Torque Range: 162-813 Nm, 120-600 Lb.ft. Drive : 1/2" inches preferable, ¾" with a male ½ Inch adaptor is also acceptable.					
2.34	<u>Drilling Machine Hand held electric</u> Input Power 550W Chuck type 13mm (keyed) No load speed 0- 3000 rpm Impact rate 48,000 bpm Variable switch Yes Forward/reverse Yes Should be supplied with Auxiliary Handle, Depth Gauge, Chuck key and a box of drill bits (29 Pcs HSS)					
2.35	<u>5-Gallon Poly Diesel Can</u> Thumb button control for precise pouring 7/8-inch funnel spout Attached dust cover Integrated 20 mesh stainless steel screen					
2.36	<u>Broken bolt remover</u> 48pc Master extraction set 6 Spiral Flute Extractors - For use on common fasteners where lower torque is adequate 13 Multi-Spline Extractors - For use when higher torque or a lower profile tool is needed 13 Bolt Extractors - For use when part of the fastener is exposed 16 Left-Hand Cobalt Drill Bits - to drill out the interior of the fastener. They often extract the fastener by themselves Irwin 3101010 or equivalent					

3.1	<u>Hydraulic Press</u> 15 tonne capacity hydraulic ram with internal return springs Pressure gauge Ram stroke: 95mm Extension screw: more than 65mm Maximum ram-table distance: not less than 600mm Minimum ram-table distance: approximately 150mm Reversible flat plate/Vee blocks to form table Table aperture: not less than 110mm Table working width: 500mm Overall height: approximately 1650mm Overall weight: approximately 85kg					
3.2	<u>Oil drain dolly – low profile</u> Rotary hand pump with 8ft. evacuation hose Expanded metal cover to reduces oil splash Mesh grate cover for the drain tub to preventing debris and other parts from falling into the oil Heavy-duty steel construction with durable powder-coat paint finish 0.2 Litres per hand crank revolution for oil draining Two 3in. swivel front casters and two 5in. rear wheels Grip handle for easy portability Tank Size : 15 Gallon Hose length : 96 Inch Drain bowl height : 14.2 Inch Funnel diameter : 3/4 Inch Dimension LxWxH : 48x25x7 7/8 Inch					
3.3	<u>Safety Stand</u> Low profile for forklifts Adjusts from 9-1/4" to 15-3/4" at 1" intervals Heavy duty holding pins for adjustable heights Capacity : 7 Ton per pair Minimum Height : 9-1/4" Maximum Height : 15-3/4" Height Intervals : 1" Base Size : 9-1/4"x9-1/4" Saddle Size : 2-1/2"x4-1/2"					
3.4	<u>Transmission Jack</u> Style : Low profile, truck Design : Wishbone, steel Caster : 360° Should have load restraint chain Cap. (Tons) 1 Low Height 5-3/4" High Height 31-1/2" Base Dimensions: 18-1/2" W. x 37-1/2 L. Forward Tilt 65° Backward Tilt 10°					

	Side Tilt 12°					
3.5	<u>Technician Creeper</u> Full—length padded centre cushion and headrest Six swivel casters Sturdy steel tubing construction Dropped centre for added stability Low—profile design Weight capacity: 350 lbs. / 159 kg Steel tubing: 3/4" / 19 mm Swivel casters: 2-1/2" / 64 mm Shipping weight: 14 lbs. / 6 kg Shipping dimensions: 37" x 17" x 5" / 940 mm x 432 mm x 127 mm					
3.6	<u>Air Compressor</u> 60 gal capacity tank Three (3) Phase Max PSI: 165 Power: 5 HP Manufactured according to international standards Should be equipped with air dryer.					
3.7	<u>22 ton Air/Hydraulic Floor Jack</u> Lifting capacity: up to 44000 lb. Lifting range from 8-15/16 in. to 17-3/4 in. 8" diameter wheels four saddle adapters Cast iron base with formed steel housing Two-piece steel jack handle Working pressure 110-120 PSI Air inlet size 1/4 in-18 NPT Caster size (in.) 8 in. Handle Length (in.) 48-1/2 in. Saddle dimensions (WxL)(in.) 1-7/8 in. Shipping Weight 84.00 lb. Size(s) 22 ton Stroke length (in.) 4-3/4 in. Accessories Included 52-12 in. long, 5/8 in. diameter air hose					
3.8	<u>Jack Stand, 10 Ton, Med. Lift Pin Style</u> Sturdy, welded steel construction Heavy gauge, steel frame to prevent twisting Capacity – 10 Tons Minimum Height: 18-5/8" Maximum Height: 30-1/2" Saddle Size: 3-1/8" x 5" Base Size: 16" x 16"					
3.9	<u>Hard Hat – Safety</u> Consist of a polyethylene shell and suspension that work together as a protection system. Meets or exceeds the applicable requirements for a Type 1 helmet (top impact) as outlined in ANSI Z89.1 2003, Class E. Features 4-point, Fas-Trac" ratchet suspension. Any color					

3.10	<u>Retractable Cone-Bar, 6ft. to 10ft</u> Extends from 6 ft to 10 ft Weight : 1.35 lbs EG Grade Reflective Sheeting Color: Orange/White Material: PVC					
3.11	<u>Traffic Cone</u> Two high-intensity reflective collars for durability and safety at night Cavities in base should allow cone to absorb repeated impacts without damage Circle interlocking system allows 2-pc. cone to work as single, practically indestructible unit Stippled inside to eliminate sticking Weight: 7.26 lbs. Height: 28 in. Color: Fluorescent Orange Reflective: Yes Material: PVC					
3.12	<u>Sling, Wire Rope</u> Type: Eye and Eye Length: 10 ft. Vertical Hitch Capacity: 11,200 lb. Rope Dia.3/4"					
3.13	<u>Sling, Wire Rope</u> Sling Type: Two Leg Bridle Length13 ft. Rope Dia.3/8"2 Sling Rating5000 lb. @ 60 Degrees Material: Steel Temp. Range-60 Degrees to 400 Degrees					
3.14	<u>Rope Sling</u> Type: Braided With 1 Eye Size: 3/4" Length: 16 ft. Holding Capacity: 4,600 lb. Tensile Strength23,000					
3.15	<u>Web Sling</u> Number of Plies: 1 Sling Rating: Type 4 Sling Type: Twisted Eye and Eye Width: 2" Length: 14 ft. Vertical Hitch Capacity: 3200 lb. Choker Hitch Capacity: 2500 lb Basket Hitch Capacity: 6400 lb. Material: Nylon Web Grade: Heavy-Duty					
3.16	<u>Web Sling</u> Number of Plies: 2 Sling Rating: Type 6					

	<p>Sling Type: Reverse Eye Width: 4" Length: 6 ft. Vertical Hitch Capacity: 14,500 lb. Choker Hitch Capacity: 11,600 lb. Basket Hitch Capacity: 29,000 lbs. Material: Nylon Web Grade: Heavy-Duty/Wear Resistant</p>					
3.17	<p><u>Metalwork Bench</u> Full steel frame pressed from 14 gauge sheet, reinforcing struts on two corners Frame finished in epoxy powder coat Dimensions 840mm high 700mm deep 1500mm long Half-depth metal base shelf 40mm thick multiplex worktop formed from resin bonded hardwood laminations Worktop 700mm x 1500mm Flat packed for transport</p>					
3.18	<p><u>Engineer's bench vice</u> Heavy duty cast iron construction 100mm hardened jaw plates Jaw opening not less than 100mm Jaw depth not less than 55mm</p>					
3.19	<p><u>First Aid Box</u> Serves 100 people enclosed in a wall mountable case / Includes: (1) 4 oz. Medi-Wash, (1) 3 oz. Burn Spray, (20) Antiseptic Wipes, (25) Triple Antibiotic, (10) Ammonia Inhalant, Water-Jel Unit Dose, (100) 1" x 3" Strips, (15) 3" Cotton Tip Applicators, 1/2" x 5 yd Adhesive Tape, (25) 3" x 3" Sterile Gauze Pads, (50) 7/8" x 3" Flex Fabric Bandage, (40) Fingertips X-Heavy, (40) Knuckle X-Heavy, Bloodstopper Compress, (100) 2" x 3" Non-Adherent Pads, Triangular Bandage, (4 pr.) Disposable Latex Gloves, First Aid Handbook, Ice Pack, Small, Boxed, 4-1/2" Wire Scissors, Disposable Tweezers, (100) Antacid, (100) Medi First Pain Relief, emergency eye wash station</p>					
3.20	<p><u>Battery Charger/Cranker</u> Charger Type : Automatic/manual Volts: 6/12/24 Works With: All lead acid battery types: flooded, AGM, gel cell, spiral wound, deep cycle Amp Charge Rate 6/12V: 60/40/15/5 ; 24V: 30/15/5 Recharge Time (hours at amps) 1 hr. at 60A; 4 hrs. at 15A; 12 hrs. at 5A Trickle Recharge Time (hours at amps) 12 hrs. @ 5A Amps 6/12V: 60/40/15/5; 24V: 30/15/5 Cable Length (in.) 72 Cable Gauge 6 AWG Clamp Material Steel Overcharge Protection Yes - fully automatic mode available Charges Multiple Batteries (qty.) 4 Polarity Reversal Protection Yes</p>					

	Case Material Powder-coat steel Wheel Type Solid hub w/plastic wheel Power Cord (ft.) 6 Dimensions L x W x H (in.) 14 1/2 x 15 13/16 x 23					
3.21	<u>Tie Down</u> Size: 30 ft. x 4 in. Zinc Plated Flat Hook Yellow Webbing Polyester Webbing Break Strength: 15,000 lbs Working Load Limit: 5,000 lbs Adjustment type: Ratchet					
3.22	<u>Knee Boot</u> Closure Type: Pull On Toe Type: Steel Shank Material: PVC Height: 16" Color: Black Upper Material: PVC Insulated: No Midsole Material: PVC Outsole Material: PVC Footwear Sole Pattern: Cleated Waterproof: Yes Resists: Chemicals Standards: ASTM F2413-05 M I/75 C/83 Note: The following sizes and qty. put together is considered as one package and this package price should be mentioned in the unit price column. Size: 22cm QTY: 5 Size: 23cm QTY: 5 Size: 24cm QTY: 5 Size: 25cm QTY: 5 Size: 26cm QTY: 5 Size: 27cm QTY: 5 Size: 28cm QTY: 5					
3.23	<u>Hot water pressure washer</u> - single phase 240V @ 50Hz / Flow rate 500 l/h / Pressure 120 bar or 12 MPa / Max temperature 80° C / Power rating 2.9 kW / Weight 86 kg / Dimensions 1060 x 650 x 920 (mm).					
3.24	<u>Revolving Diesel Engine Stand</u> / 2,722 kg capacity / Heavy duty frame with crank to adjust engine position and wheels (two front wheels and two rear casters) for mobility / Engine stand will be equipped with a universal adapter plate and plate suitable to mount a 6 cylinder diesel engine (Volvo construction machinery) / the crank handle enables the engine to rotate 360° / A lifting jack is incorporated into the system to allow for height adjustment /The overall weight of the engine stand is 260 kg and a maximum capacity of 2,722 kg / Universal adapter plate and special Plate to Mount Volvo construction machinery six cylinder engines.					

4.1	Measuring Equipment - Box containing various electrical test pins for diagnosis with Volvo VCADS Pro. Volvo Part # : 9990008					
4.2	Extension cable for breakout box special tool 9998699 Volvo Part # : 9990062					
4.3	Adaptor/Nipple for hand pump Volvo Part # : 9993723					
4.4	Electrical repair kit Volvo Part # : 9993880					
4.5	Breakout box Volvo Part # : 9998699					
4.6	Electrical wire extraction tool kit from connector Volvo Part # : 88890037					
4.7	Temperature gauge (sensor type) Komatsu Part # : 799-101-1502					
4.8	Tachometer Komatsu Part # : 799-205-1100					
4.9	Breakout Cable Volvo/Kubota Part # : 88830330					
4.10	Breakout Cable Volvo/Kubota Part # : 88830331					
4.11	Test tool for checking shock valves on the bench and C-D-series WLO. Volvo Part # : 9993749					
4.12	Prosis software, the most recent edition, should include subscription for one year. Volvo scan tool/service/parts software					
4.13	Laptop - Toughbook 31 - Intel Core i3 - 3120M					
5.1	<p><u>Hydraulic Test Bench</u></p> <p>This will be used to teach students to test the new and rebuild hydraulic components and unit assemblies. The test bench panel should have necessary instrumentation to make diagnosis. The bench panel should be able to display flow, speed of tested pumps or motors, reservoir temperature. There should be provisions to check the pressure on the test bench while testing pumps, motors, cylinders and valves.</p> <p>All the necessary hoses, connections and adaptors should be provided and should be compatible to the construction and off road trucking industry heavy equipment's.</p> <p>The test bench should include a warning/replacement indication systems for its internal parts replacement, i.e parts like fuel filter, hydraulic oil and other essential components, so that user is</p>					

	<p>alerted before expensive damage is made. Hydraulic fluids and filters used should be easily available in the open market.</p> <p>Input / Operating Voltage: 220V 50Hz input. Maximum flow: 100 Litres Maximum Pressure: 350 Bar</p>					
5.2	<p><u>Training and commissioning</u></p> <p>The bidder will setup the test bench in Settat, Morocco, and train the trainers on all the various test modules and maintenance of the test bench. The timeline for this will be recommended by the bidder.</p> <p>The bidder expense should include:</p> <ul style="list-style-type: none"> • Air travel • Visa fee if applicable • Accommodation • Boarding • Training <p>Note: UNIDO will provide local transportation. Network cabling, supply of desk and chairs for work stations will be arranged by UNIDO.</p>					
6.1	<p><u>Workstation Crane</u> Type: Free standing, Pillar jib Capacity: 1 Ton Jib Length: 7 Metre Slewing Range: 270° Slewing Movement: Push-pull Trolley Travel Movement: Push-pull Hoist: Electric Chain (220V) Mounting: Base plate mounted Operation: Via pendent from hoist</p> <p>The supplier will install the crane at Settat, Morocco. This will include setting of the bolts, base plate and any basic civil works required.</p>					
7.1	<p><u>Engine Test Bench / Bed</u></p> <p>This will be used to demonstrate various engine systems to the students hence a working engine fitted with all the accessories with proper display panel as per the specification is mandatory.</p> <p><u>General Specification:</u></p>					

<p>Engine Type: Inline, Single or Double overhead cam Fuel Type: Diesel # of Cylinder: 4 (Four) Fuel system type: Electronic Fuel Injection System, Common Rail or Unit Injection. Induction system: Turbo Charger with inter cooler Application: Automotive or Heavy Equipment</p> <p>The test bench should have the following: Ignition Key and Instrument Cluster with the oil pressure warning light, Charging system warning light, Fuel water separator warning light, engine rpm meter, engine temperature gauge, engine emission light (MIL) and fuel gauge.</p> <p>Starting system and charging system should be functional and properly connected to the ignition key and instrument cluster, using the ignition key the engine should be able to start or shut down.</p> <p>Cooling system, Air induction system, Exhaust system should be visible for demonstration purpose.</p> <p>Adequate safety components should be fitted to protect the user from hot exhaust components, rotating parts and electrical parts.</p> <p>The size of the fuel tank should be such that the engine should be able to run at 1500 rpm for 6 hours without refuelling.</p> <p>Analog pressure gauges for the following should be fitted either in the dash panel or should be cluster in safe locations easy for demonstration.</p> <ul style="list-style-type: none"> • Fuel Pressure • Oil Pressure • Alternator Charging Ampere • Alternator Charging Voltage • Exhaust Temperature (Can be digital also) • Induction pressure before Turbo charger • Induction pressure after Turbo charger <p>Exhaust system should fit with muffler with heat shields.</p> <p>Throttle lever should be provided either in the base or on the dash panel and the engine.</p> <p>The entire test bench should be in a cradle made of solid metal with powder coating finish</p> <p>The base should be fitted with lockable casters.</p> <p>Suitable size DC battery should be fitted securely on a safe area.</p> <p>Fire extinguisher should be fitted on an easily accessible area.</p>					
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	<p>Wiring diagram, operational manual and engine service manual should be supplied.</p> <p>Following service parts for maintenance should be provided:</p> <ul style="list-style-type: none"> • Engine oil filter – 6 pcs. • Fuel filter – 12 pcs • Air filter – 3 pcs • Starter Motor – 1 • Alternator – 1 • Drive belt – 1 • Timing belt (If applicable) – 1 • Gasket kit for overhaul – 1 set • Electrical fuse – 1 set <p>Note: In case of immobilizer (Anti-theft) ignition key is used then the second copy should also be programmed.</p> <p>Approximate size and the weight: About 2200 × 1000 × 1400mm and 200 kg</p>					
7.2	<p><u>Training and commissioning</u></p> <p>The bidder will setup the test bench in Settat, Morocco, and train the trainers on all the various test modules and maintenance of the test bench. The timeline for this will be recommended by the bidder.</p> <p>The bidder expense should include:</p> <ul style="list-style-type: none"> • Air travel • Visa fee if applicable • Accommodation • Boarding • Training <p>Note: UNIDO will provide local transportation. Network cabling, supply of desk and chairs for work stations will be arranged by UNIDO.</p>					
8.1	<p><u>Control Station</u></p> <p>This lab will train a maximum of ten students at the same time. A centralized control station will be networked to all the base stations and the user will practice the training modules in the base station. This centralized control station will also serve as an instructor station from which the wheel loader, excavator and articulated hauler lessons will be demonstrated and record keeping of all the user database will be maintained.</p>					

	<p>The simulator software should have provisions for storing individual user records (Minimum 250 students) and should print a report when required. Consolidated group report availability will be an added advantage.</p> <p>The bidder should supply the following:</p> <ul style="list-style-type: none"> • Table top controls with mounting brackets • CPU with LAN network card • 20 Inch LED monitors • Head phone • key board • Mouse • Projector • Projector screen • Laser pointer • Projector remote battery and all necessary cables for instructor station. • Multiuser License / Activation / Database 					
8.2	<p><u>Base Station</u></p> <p>The bidder should supply the following for each of the 10 stations.</p> <ul style="list-style-type: none"> • Supply of table top controls with mounting brackets • CPU with LAN network card • 20 Inch LED monitors • Head phone • Key board • Mouse. 					
8.3	<p><u>Software – Wheel Loader</u></p> <p>This software should be installed in the control station and individual work station should be able to access this program simultaneously.</p> <p>Software should include electronic lessons for the following:</p> <ul style="list-style-type: none"> • Safe operating procedures • Controls familiarization • Skill lessons for beginners • Skill lessons for medium level users • Skill lessons for advanced users • Evaluation <p>It should maintain individual student activity and should generate a report if needed</p> <p>It should come with Multiuser license</p>					
8.4	<p><u>Software – Excavator</u></p> <p>This software should be installed in the control station and individual work station should be able to access this program</p>					

	<p>simultaneously.</p> <p>Software should include electronic lessons for the following:</p> <ul style="list-style-type: none"> • Safe operating procedures • Controls familiarization • Skill lessons for beginners • Skill lessons for medium level users • Skill lessons for advanced users • Evaluation <p>It should maintain individual student activity and should generate a report if needed</p> <p>It should come with Multiuser license</p>					
8.5	<p><u>Software – Articulated Hauler</u></p> <p>This software should be installed in the control station and individual work station should be able to access this program simultaneously.</p> <p>Software should include electronic lessons for the following:</p> <ul style="list-style-type: none"> • Safe operating procedures • Controls familiarization • Skill lessons for beginners • Skill lessons for medium level users • Skill lessons for advanced users • Evaluation <p>It should maintain individual student activity and should generate a report if needed</p> <p>It should come with Multiuser license</p>					
8.6	<p><u>Electricals</u></p> <p>The ten work stations and the control station should be protected against power surges, outage and interruptions. Hence the CPU and Projector power lines will be connected to an UPS and the UPS will be connected to a voltage stabilizer. The stabilizer will be connected to the wall power which is 220V 50Hz.</p> <p>The bidder should supply the following:</p> <ul style="list-style-type: none"> • Suitable Voltage stabilizer to protect the UPS from the main power fluctuations and spikes. • Suitable UPS to ensure adequate time to shut off the CPU in the event of power outages or fluctuations. 					
8.7	<p><u>Training and commissioning</u></p> <p>The bidder will setup the workstations and control station in the Settat, Morocco, and train the trainers on all the modules. The timeline for this will be recommended by the bidder.</p>					

	<p>The bidder expense should include:</p> <ul style="list-style-type: none"> • Air travel • Visa fee if applicable • Accommodation • Boarding • Training <p>Note: UNIDO will provide local transportation. Network cabling, supply of desk and chairs for work stations will be arranged by UNIDO.</p>					
9.1	<p><u>4 Cycle Single Cylinder Diesel Engine Working Model</u></p> <ul style="list-style-type: none"> • The materials should be transparent acrylic 3D models. • Students should be able to observe the motion from any direction. • The engine should operate with a power supply of 220V • Operation of crankshaft, camshaft, fuel pump, intake valves and exhaust valve should transparently visible. • The plunger pump, contact-breaker-cam, the plunger, the delivery valve of the bulk-injection pump should be connected. • The position of the notch of the fuel injection pump plunger should be able to change to demonstrate accelerator function. • Metal component can be used for piston, valves and other rotating parts but the crankcase and cylinder block must be transparent acrylic fiber and can be viewed from 360° angle. • The approximate size range: 340 x 220x180 mm • Weight: less than 10 Kg. • The electric-source: 220 V <p>www.tksam.co.jp part # V031-DEM or equivalent</p>					
9.2	<p><u>4 Cycle Six Cylinder Engine Working Model</u></p> <ul style="list-style-type: none"> • The materials should be transparent acrylic 3D models. • Students should be able to observe the motion from any direction. • The engine should operate with a power supply of 220V • Operation of crankshaft, camshaft, intake valves and exhaust valve should transparently visible. • Metal component can be used for piston, valves and other rotating parts but the crankcase and cylinder block must be transparent acrylic fiber and can be viewed from 360° angle. • The approximate size range: 250x180x190mm 					

	<ul style="list-style-type: none"> Weight: less than 20 Kg. The electric-source: 220 V 					
9.3	<p><u>Cut model Turbo Charger – Variable Vane Control</u></p> <p>Any four or six cylinder turbocharger can be cut to show the turbine wheel, compressor wheel, and their connecting shaft.</p> <ul style="list-style-type: none"> The important parts should be coloured The assembly should be mounted on a display board Approximate dimension of the mounting board : 250x180x190mm 					
9.4	<p><u>Torque Converter Model</u></p> <ul style="list-style-type: none"> The materials should be transparent acrylic 3D models. Students should be able to observe the motion from any direction. The converter should operate through a hand lever. By turning the handle students should be able to observe the torque transfer through the oil. The impeller, turbine and stator should be clearly visible while working. Approx. size: 50x150x210mm 					
9.5	<p><u>Planetary Gear Unit</u></p> <ul style="list-style-type: none"> The materials should be transparent acrylic 3D models. Students should be able to observe the motion from any direction. The gear unit should operate through a hand lever. By turning the handle students should be able to observe and study the movements of Sun gear, planet pinion, pinion carrier and the ring gear. Gears should be colour coded Approx. size: 315x280x250mm 					
9.6	<p><u>Planetary Gear Box – 4 Speed</u></p> <ul style="list-style-type: none"> The materials should be transparent acrylic 3D models. Students should be able to observe the motion from any direction. The gear unit should operate through a hand lever. Simpson type planetary gear unit with colour coding of two of the Sun-gear, planet pinion, internal gear and the planetary carrier Provision should be given to lock appropriate parts to demonstrate forward, reverse, torque multiplication and speed control. Approx. size: 420x220x360mm 					

10.1	<u>Heavy duty workshop cupboards</u> Material: Steel # of Shelves: 4 Four Capacity per shelf: Minimum 100kg Shelves adjustment: 25mm pitch Lockable doors Minimum thickness of top and base panel: 1mm Colour: Light grey Finish: Powder coating Approximate Measurements for reference: Overall Height 2000mm Overall Width 1050mm Overall Depth 650mm					
10.2	<u>Slotted angle shelves</u> Freestyle standing, pass through Material: Steel # of Shelves: 5 Capacity per shelf: Minimum 100kgs Shelves adjustment: 25mm pitch Approximate Measurements for reference: Overall Height 2000mm Overall Width 1200mm Overall Depth 600mm					
10.3	<u>Pallet Rack</u> Material: Steel # of shelves: 2 Load: 8000 Kg Approximate dimensions: Height: 2300mm Width: 2700mm Depth: 900mm					
10.4	<u>Longspan Racking System</u> Type: Open Storage weight: Maximum 1000kgs Shelve Decking: Steel Beam type: Open Lug holes pitch: 50mm Dimensions: Length: 10 Meter Height: 250cms (Approximate) # of levels (shelves): 4					

	I. Sub-Total, EX-Works:	US \$				
	II. Cost of transportation DAP Settat, Morocco	US \$				
	III. Cost of Insurance at 110%:	US \$				
	Total price DAP Settat, Morocco	US \$				

SAMPLE

Notes for the invitees:

1. The items to be supplied should be unused and of the most recent or current models or stock lines, incorporating all recent improvements in design and components.
2. Offers to be made in English in US dollars without tax and custom duties, including the transport cost to the final delivery point: City of Settati (Latitude :33°00'03" Nord, Longitude: 7°36'59" West).
3. The quality of tools supplied should confirm to international standards like, DIN or ANSI or ISO, **and shall be under warranty for a period of minimum 12 months from the date of acceptance at final destination.** Manufacturers or Companies shall furnish terms of warranty along with the offer and must provide free & proper after sales service during warranty period.
4. The successful contractor shall be responsible for providing training regarding operation & maintenance of the machineries to the users and shall be responsible for supplying spare parts of the machinery for a period of at least one year
5. Bidder should be in continuous business of manufacturing / supplying the bid items at least for the last 3 (three) years.
6. Your bid should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information for the items quoted.
7. If a bidder is bidding only specific lot, the price must include freight charges to the final delivery address.
8. Delivery Period: From the date of signing the contract. The successful bidder will deliver the items **within 60 days.**
9. Transportation Notes: All equipment will be delivered to Settati, Morocco and the successful bidder will complete the pre-delivery inspection.