

REQUEST FOR QUOTE FOR HYDRAULIC TEST BENCH

UNIDO 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: Hydraulic Machinery						
1.1	<u>Hydraulic Test Bench</u> <ul style="list-style-type: none"> The bench 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. All the relevant equipment sets, necessary hoses, connections and adaptors should be provided and should be compatible to the construction and off road trucking industry heavy equipment's. <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 alerted before expensive damage is made. Hydraulic fluids and filters used should be easily available in the open market.</p> <ul style="list-style-type: none"> All relevant handbooks/workbooks should be provided as well. 	1				

	<ul style="list-style-type: none"> • Input / Operating Voltage: 220V 50Hz input • Maximum flow: 100 Litres • Maximum Pressure: 350 Bar 					
1.2	<p><u>Training and commissioning</u></p> <p>The bidder will setup the test bench in Settat, Morocco, and train the designated trainers on all the various test modules and maintenance of the test bench. A proposed timeline for this will be indicated by the bidder in its offer.</p> <p>The bidder's financial proposal should include:</p> <ul style="list-style-type: none"> • Air travel • Visa fee if applicable • Accommodation and expenses in Morocco • Boarding • Training 	1				
LOT 2: Training/workshop equipment						
2.1	<p><u>Assembled/complete revolving stand suitable for all types of heavy equipment engines and transmissions</u></p> <ul style="list-style-type: none"> • To be ground-anchored or framed • Capacity: 1500 kg minimum • 360° rotating system – mechanical or electrical (to be specified by the bidder) • Ergonomic height • A lifting jack should be incorporated to allow for height adjustment • To be supplied with a universal adapter (one for each stand) and special plate to fit Volvo Construction Equipment 6-cylinder engines (one for each stand) • Minimum 2-year warranty 	3				
	Sub-Total, EX-Works:					

	I. Transportation and Delivery DAP					
	II. Transportation and Delivery DDP					
	III. Cost of Insurance at 110% (if applicable):					
	Total price DAP (Settat, Morocco):					
	Total price DDP (Settat, Morocco):					