

Anx – A
Tender No 23.27.0000.166.223.4112316.22.23
dt 17-04-2023

NECESSARY DETAILS

Ser	Nomenclature & Specification	Unit	Qty	Total Price (Taka) (in figure & Word)	Rmks
1.	Hydraulic Barrel Testing Machine with all standard and additional accessories as per specification below : Model : To be mentioned. Purpose : The machine must be capable to identify the maximum sustainable chamber pressure of 60 mm and 82 mm Mortar Gun Barrel.	No	1		
2.	Technical Parameters.				
	a. Structure / Frame of the Main Unit : Stainless Steel or to be mentioned (if any other material).				
	b. Dimension (with and without super structure): To be mentioned.				
	c. Net Weight (with and without super structure): To be mentioned.				
	d. Outlet Pressure: The minimum outlet pressure of the main unit is 50,000 psi.				
	e. Pressure Gauge Capacity : Two types of pressure gauges are required – (1) Inlet Pressure Gauge: Pressure range to be mentioned. (2) Outlet Pressure Gauge: 50,000 psi (min).				
	f. Maximum Hydraulic Flow Rate: To be mentioned.				
	g. Types of Connectors: To be mentioned.				
	h. Hydraulic Tank Capacity : To be mentioned.				
	j. Max Temperature: To be mentioned (compatible to the hydraulic).				
	k. Pressure Generating Medium: Hydraulic and type to be mentioned.				
	l. Main Pressure Pump: To be mentioned.				
	m. Inlet Pressure Pump: To be mentioned to achieve outlet pressure of 50,000 psi.				
	n. All major components such as pump/valves/gauges/sensors must be produced in Group B countries				
	p. System should be automatic or semi-automatic.				
3.	County of Origin : Group-B				
4.	Country of Assembly: Group B.				
5.	Port of Shipment: Group B.				
6.	Name of Manufacture and Address. To be mentioned.				
7.	Name of the Principal and Address. To be mentioned.				
8.	Conditions:				
	a. All standard accessories and attachments must be supplied with the machine (price to be mentioned separately).				
	b. The machine/system/equipment must be capable to test the sustainable pressure of cylindrical type barrel having both ends open.				
	c. Spare parts for 5 years must be supplied with the machine (price to be mentioned separately).				

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	d. Couplers, valves, regulators, pressure gauges, pressure sensors, test chamber, pipes and fittings, test benches or any other apparatus that is required to make the machine functional must be supplied by the manufacturer.																																														
	e. Required couplers to test 60 mm and 82 mm Gun barrel must be supplied which will connect the barrel to the Main Pressure system. A special Test Chamber along with couplers have to be provided to test the following barrels:																																														
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	The drawing of 60 mm and 82 mm Mortar Gun barrels are attached herewith.																																														
	f. Installation Requirement at BOF. (1) It is the responsibility of supplier to fully integrate and commission the machine at BOF's identified site/ room. Machine installation and commissioning is to be provided by the certified engineers of machine manufacturer from same country or at least from same group of countries at BOF site. (2) BOF shall only provide utility service up to near proximity. All other related equipment, connections and fittings or any related items (hydraulic oil/fluid) required for successful installation and running of the machine will be provided by the supplier. (3) Supplier shall bring all necessary calibration standards and calibration equipment for ensuring the machines accuracy with valid traceability certificates at BOF site. (4) After installation and commissioning of the machine, trial run and trial test followed by operational and maintenance training of BOF personnel by the certified engineers of machine manufacturer from same country or at least from same group of countries at BOF site to be provided. The training should cover complete operation, application, software usage (if required) in all aspects of measurement and data analysis, programming for required samples, calibration, basic and preventive maintenance, troubleshooting etc. Following information must be given as below:																																														
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	<p>g. <u>Post Installation Requirement at BOF.</u></p> <p>(1) It is the responsibility of supplier to fully integrate, erect and commission the machine at BOF's identified site/ room. Machine installation and commissioning is to be provided by the Supplier at BOF site (within 60 days) after the machine is received by BOF.</p> <p>(2) BOF will only provide utility service up to near proximity. All other related equipment, connections and fittings, Hydraulic fluids or any related items required for successful installation and running of the machine will be provided by the supplier.</p> <p>(3) Supplier will bring all necessary calibration standards and calibration equipment for ensuring the machine accuracies with valid traceability certificates at BOF site.</p> <p>(4) After installation and commissioning of the machine Trial Run and Trial Test (minimum 15 working days/ successful testing of 50 barrels) excluding installation and commissioning period by the Supplier's Technical Team at BOF site to be provided.</p>				
	<p>h. <u>Software and License.</u></p> <p>If any software update, license key is required for the machine, supplier must provide this for machine's lifetime at free of cost. Remote or system locking of the machine using software and password is not allowed. If it is done so, BOF will have the authority to reject the machine and take disciplinary action against local supplier and principal. For default reason if password is used, manufacturer must give updated password to BOF.</p>				
	<p>j. 2 x Maintenance / repair manuals with mechanical spare parts list along with Circuit Diagram and troubleshooting in English must be supplied with the machine (both hard and softcopy).</p>				
	<p>k. 1 x Operation / programming manual (Hard and Soft copy) in English must be supplied with the machine.</p>				
	<p>l. The service support with list of spares for 10 years has to be provided by the manufacturer after warranty period is over and the cost will be borne by BOF.</p>				
	<p>m. BOF will provide necessary Water supply, Compressed Air and Electrical (mains) Power supply to near proximity to run the machine. Pipe and fittings to connect the machine with main line, Hydraulic Oil (if required) and any other requirements to run the machine must be provided by local supplier.</p>				
	<p>n. Equipment/System must be manufactured in the year of contract.</p>				
	<p>p. Warranty for 01 (one) year after acceptance should be provided by the manufacturer.</p>				
	<p>q. Bidder will submit original Leaflet/ Brochure with the offer.</p>				

বিঃ দ্রঃ

- ক। দরপত্র দাখিলের সময় আলাদাভাবে টেকনিক্যাল ও ফাইন্যান্সিয়াল অফার দাখিল করতে হবে।
- খ। উল্লিখিত দর CD & VAT ব্যতীত দাখিল করতে হবে। প্রয়োজনবোধে পণ্য খালাসের জন্য বিওএফ এর নিকট ছাড়পত্রের আবেদন করা যাবে।
- গ। বৈদেশিক উৎস হতে পণ্য সরবরাহের ক্ষেত্রে পণ্য সরবরাহের প্রাক্কালে অবশ্যই আমদানী সংক্রান্ত কাগজপত্র, বিল অব লেডিং, শিপিং ডকুমেন্টস প্রদান করতে হবে।
- ঘ। সরবরাহ আদেশের প্রাক্কালে মোট মূল্যের উপর ৫% হারে কম্যান্ড্যান্ট, বিওএফ, গাজীপুর ক্যান্ট এর অনুকূলে পে-অর্ডার দাখিল করতে হবে। সন্তোষজনকভাবে পণ্য সরবরাহ এবং ওয়ারেন্টি পিরিয়ড শেষ হওয়ার পর উহা ফেরৎ প্রদান করা হবে। পণ্য সরবরাহে ব্যর্থ হলে সরবরাহ আদেশ বাতিল করতঃ দাখিলকৃত পিজি বাজেয়াপ্ত করে সরকারী কোষাগারে জমা করা হবে।
- ঙ। নিম্নলিখিত সনদপত্রের সত্যায়িত ফটোকপি দরপত্রের সাথে সংযুক্ত করতে হবে :

(১) ভ্যাট রেজিস্ট্রেশন সনদ

(২) টি আই এন সনদ

(৩) হালনাগাদ আয়কর পরিশোধের সনদ

- চ। দেশীয় মুদ্রায় ক্রয়ের ক্ষেত্রে স্থানীয় উৎস হতে সরবরাহের ক্ষেত্রে ৯০ দিন এবং বৈদেশিক উৎস হতে সরবরাহের ক্ষেত্রে ১৮০ দিন অথবা তৎপূর্বে পণ্য সরবরাহ করতে হবে।
- ছ। সরবরাহকারী কর্তৃক চুক্তিপত্রে উল্লিখিত **Machine** বিওএফ এ সরবরাহের তারিখ হতে সর্বোচ্চ ৩০ দিনের মধ্যে **Installation ও Trial Run** সম্পন্ন করতে হবে। উক্ত শর্ত সরবরাহকারী কর্তৃক লঙ্ঘিত হলে জরিমানা আদায় করা হবে।
- জ। দেশীয় মুদ্রায় বিল পরিশোধের সময় প্রযোজ্য ক্ষেত্রে ভ্যাট ও আয়কর কর্তন করা হবে।

স্থান :
তারিখ :

দরপত্রে অংশগ্রহণকারীর স্বাক্ষর
(বড় অক্ষরে নাম)
'সীলমোহর'