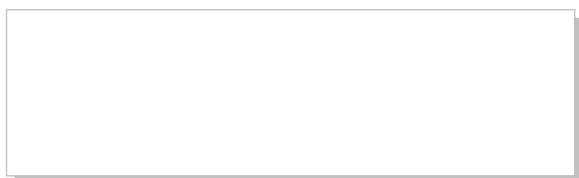


To:
SHILOH INDUSTRIES INC.
STEEL DRIVE 880
44280 VALLEY CITY (OH)
STATI UNITI

OFFER		Number	Date	Currency	Page		
		35 / 19	16/01/2019	EURO	1 / 5		
Cust.code	Telephone	Fax	Notes			Operator	
993	+13305582600	+13305582688	Kind Att. Ms. Missy Markevics and Martijn de Vries			LG	
Art.code	Description			Qty	Unit price	Discount	Net Amount
THIS OFFER CANCELS AND REPLACES OUR PREVIOUS OFFER WITH SAME NUMBER DATED 11TH JAN. 2019 & 14TH JAN 2019							
FOR CELL 240							
0119.PTCR.02	4-COLUMN TRIMMING MACHINE 120 TON - SLIDING AND ROTATING TABLE_#4			1,000	360.000,00		360.000,00
TECHNICAL SPECIFICATIONS:							
Max working force 120 TON							
Opening force 60 KN							
Installed power 50 KW							
Mobile plane stroke 1600 mm (Increased stroke)							
Max opening between planes 2300mm (Increased opening)							
Measure inside columns 2600x1500 mm							
Dimension sliding and tilting table 2000 x1530 mm							
Closing speed 400mm/sec							
Operation 33 mm/sec							
Opening 200 mm/sec							
480 volts / 3-Phase - 60- cycle *							
Upgrade: Minimal Cycle time with G05: 65 sec							
ELECTRICAL UNLOADING DEVICE (SHUTTLE TRAY) ON BACK SIDE OF TRIMMING MACHINE.				1,000			
Siemens PLC TP900 Comfort equipped with all the necessary functions for an interactive programming, that includes and allows:							
* Automatic storage of machine's dimensions							
* Programming of machine's cycles							
* Programming of speeds and pressures of each movement							
* Change of trimming tools with storage							
* Programmed cycle display							
* Step by step cycles for cycle test both with slow speed and working speed							
Notes							
Lonardi Giulia							

OFFER



To:
SHILOH INDUSTRIES INC.
STEEL DRIVE 880
44280 VALLEY CITY (OH)
STATI UNITI

OFFER		Number	Date	Currency	Page		
		35 / 19	16/01/2019	EURO	2 / 5		
Cust.code	Telephone	Fax	Notes		Operator		
993	+13305582600	+13305582688	Kind Att. Ms. Missy Markevics and Martijn de Vries		LG		
Art.code	Description			Qty	Unit price	Discount	Net Amount
* Alarms diagnostic with display of the alarm in detail * Robot interface; check that piece is in; check that piece is out SLIDING AND ROTABLE LOWER PLATE (180°) top platform for maintenance 4 hydraulic slides with relevant solenoid valves (with the possibility of increasing the number of the solenoid valves easily). Double blow system for tool's cleaning (upper and lower) controlled by the relevant solenoid valves. Magnetostrictive adjustment system of stroke (transducer) of the mobile plane. Prearrangement of piece presence Prearrangement for the check of occurred unloading of the piece Water/oil heat exchanger with temperature check Automatic Centralized lubrication of the columns UPGRADES INCLUDED IN QUOTE: - Sliders programmable by timers individually. - Blowing system on tilting catch bin (tilting table). - Blowing system on shuttle tray (extraction plate). - relocated WIS transmitter and receiver. - All hose and cables off of the floor in cable trays. - Ability to add hydraulic fluid from outside cell. - Addition of drain to upper platen. - All fittings to be NPT or JIC. - Logging of changes made on HMI and creation of its report in .csv format.							
Notes							
Lonardi Giulia							

OFFER

To:

SHILOH INDUSTRIES INC.
STEEL DRIVE 880
44280 VALLEY CITY (OH)
STATI UNITI

OFFER		Number	Date	Currency	Page		
		35 / 19	16/01/2019	EURO	3 / 5		
Cust.code	Telephone	Fax	Notes			Operator	
993	+13305582600	+13305582688	Kind Att. Ms. Missy Markevics and Martijn de Vries			LG	
Art.code	Description			Qty	Unit price	Discount	Net Amount
- Recipes copy from one machine to the other: requirement for this upgrade is that the machines involved must be mechanically and hydraulically the same. - Teleassistance through Industrial VPN Router for troubleshooting. Shiloh will take care of Ethernet Network wiring up to machine control panel and of eventual firewall configurations, if needed.							
	Double position transducer according to ULCSA norms.			1,000			
	Safety swing arm bars for tooling work.			1,000			
	Global protection of the machine, according to UL-CSA safety regulations (if the trim press will be put in an automatic cell, the protections of the cell itself are not part of the scope of supply).			1,000			
	Photoelectric barriers or, alternatively, a gate with safety pneumatic rib, operator side and robot side (these photoelectric barriers are not needed if the trim press will run only in automatic cycle. You need to order them only if the trim press will run in manual cycle).			1,000			
	Extra 20 m cable for control cabinet (please check with your layout of the cell, if this is necessary or not).			1,000			
	Certification according to UL CSA Norms.			1,000			
	Assembly supervision through 2 technicians (1 mechanical-hydraulic + 1 electrical technicians) for 1 week (excluded running in automatic cycle with other peripheral equipments not supplied by our company). The costs for assembly supervision refer to a supervision time for 1 week (6 days @10hours/day, 1st Shift) without interruptions, incl. board and lodging for our personnel. Flight costs for our personnel not included. They will be charged separately.			1,000	16.000,00		16.000,00
	- Unloading of the trimming machine in the plant and positioning of it on site is cared for by the customer.						
Notes							
Lonardi Giulia							

OFFER

To:
SHILOH INDUSTRIES INC.
STEEL DRIVE 880
44280 VALLEY CITY (OH)
STATI UNITI

OFFER		Number	Date	Currency	Page		
		35 / 19	16/01/2019	EURO	4 / 5		
Cust.code	Telephone	Fax	Notes		Operator		
993	+13305582600	+13305582688	Kind Att. Ms. Missy Markevics and Martijn de Vries		LG		
Art.code	Description			Qty	Unit price	Discount	Net Amount
- Main feed sources including, but not limited to, Electric, Air, Water, Die Lube, Micro Lube, Plant Water, Plant Air to the trim press control cabinet, according to the approved layout of the trimming machine, will be handled by the customer. An extension of the commissioning due to circumstances which are not influenced by MPR will be billed separately. Minor faults which do not affect the safety, productivity, or quality cannot delay the Final Acceptance. Not included are: - Assembly and commissioning of peripheral devices which are not part of the MPR scope of supply. - Cable tray/conduits between your peripheral devices and trimming machine control cabinet. Customer's preparations: The following installations must be prepared by the customer, free of charge for MPR: - Installations for electric– water – air – waste water – lube, etc. - Electrical supply to the control cabinet - Foundation works - All mason's works and energy supply connections As far as necessary the customer also provides: - Support people for the assembly (e. g. crane drivers, forklift truck drivers for unloading, welders for working on building facilities). - Worksite current, water, compressed air, fuel and welding gases, other fuels, etc. START UP of trimming machine in dry run, no production and electrical training with one MPR technician for 5 working days.							
Notes							
Lonardi Giulia							

OFFER

To:

SHILOH INDUSTRIES INC.
STEEL DRIVE 880
44280 VALLEY CITY (OH)
STATI UNITI

OFFER		Number	Date	Currency	Page		
		35 / 19	16/01/2019	EURO	5 / 5		
Cust.code	Telephone	Fax	Notes		Operator		
993	+13305582600	+13305582688	Kind Att. Ms. Missy Markevics and Martijn de Vries		LG		
Art.code	Description			Qty	Unit price	Discount	Net Amount
The costs refer to a time for 1 week (5 days @10hours/day, 1st Shift) without interruptions, incl. board and lodging for our personnel. Flight costs for our personnel not included. They will be charged separately.							
FULL TRAINING and SOP Assistance with one MPR technician for 2 Calendar Weeks				1,000	16.000,00		16.000,00
The costs refer to a time for 2 week (6 days @10hours/day, 1st Shift) without interruptions, incl. board and lodging for our personnel. Flight costs for our personnel not included. They will be charged separately.							
FREIGHT ON BASIS DAP Clarksville TN37040 (Incoterms 2010) - Delivery at place - packaging included. Freight by Sea shipment in full containers. Import, duties and clearance at Shiloh account.				1,000	25.000,00		25.000,00
Unloading from container at Shiloh charge.							
IF THIS OPTION IS NOT PURCHASED, THEN GOODS IS SOLD ON Ex Works Meccanica Pi.Erre Srl Plant IT-25081 Basis (Incoterms 2010).							
WARRANTY TIME: 18 months starting from delivery date at your plant in Clarksville, TN 37040.							
PAYMENT TERMS: - 20% with order; - 40% with shipment; - 20% with delivery at Shiloh, net 60 days; - 10% with start up; - 10% with acceptance, not later than 90 days from delivery.							
Notes							
Lonardi Giulia							

OFFER