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PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE



INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

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Date of Delivery :
Stock/ Place of Delivery : Gentlemen: Address: Property Please furnish this Office the following articles subject to the terms and conditions contained herein: 006-866-279-000 #3434-C C. Raymundo Ave., Rosario, Pasig City ITS SCIENCE PHILS., INC. Unit controlled according to DIN EN 285 independently of recording by two Pt100 resistance remperature probes and two absolute pressure transducers. flash memory. Up to 20,000 batches can be saved. High degree of connectivity with Ethernet and USB ports. Batches saved locally to deviations from setpoints and for additional monitoring of operating states Independent safety monitoring system for recording, evaluating and reporting High quality industrial controller with no mechanically actuated components Instrumentation and control equipment actuated individually in a flow chart. valve settings and machine states in visual form. Valves and actuators can also be The complete system is also clearly visualized by electronic flow charts that show displayed in graphic online mode to show all important information at a glance display of all user inputs. Machine messages displayed in plain text. Process curve High degree of user comfort with simple input on colour touch screen and visual 2-door variation: Additional: 7" panel on unloading side, also installed above the the sterilizer chamber Compact and easy-to-operate 10" operating panel integrated in front panel above Operating panel Pt100(regulation/recording) Monitoring of the bottle temperature redundant by a double Neither a high power connection for compressed air nor a media connection for The cooling of the liquids Natural cooling for liquids programs according to class 5 of DIN EN 1717. Circulation pump for vacuum device. Cold water flow by means of "free outlet" Drinking water protection sterilization of contaminated goods that are processed for discard Increased safety by holding back and sterilizing the condensate generated during exchanger and water circulation tank. Optimum water savings through cold-water circulation with integrated temperature regulation adapted to the process. Poweful, quiet two-stage water ring vacuum pump with upstream plate heat coded and insulated. Design as per DIN EN 285, steam pipes and valves of CrNi steel; pipes colourdoor opening during solution programs at a temperature higher than th 0.8-fold boiling point of the liquids, to prevent simultaneous opening of loading and The process parameters of temperature and pressure are measured and softened water is necessary for natural cooling according to the saturated steam relationship Condensate sterilization Installation of the complete equipment in the steam sterilizer Vacuum facility unloading side (for 2-door machines) and to prevent entrapment is pulled back by vacuum cord seal , which is acted upon with compressed air. Before opening, the door seal Automatic sliding door, door plate of CrNiMo steel, material no. 1.4404 Doors and closures Metrology Building Includes safety devices to prevent opening during the program run, to prevent The seal between the chamber and door leaf is made by means of a silicone round Description Payment Term Delivery Term: 90-120CD Mode of Procurement: PB P.O. No. : Quantity balance forwarded GIAE-PO-2022-09-1055 (STD) Unit Cost September 08, 2022 Amount 6,880,000.00

sub-total

6,880,000.00

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

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upplier :	ITS SCIENCE PHILS., INC.	HILS., INC.	P.O. No. :	GIAE-PO-202	GIAE-PO-2022-09-1055 (STD)
\ddress: IN:	#3434-C C. Raymund 006-866-279-000	#3434-C C. Raymundo Ave., Rosario, Pasig City 006-866-279-000	Date :	Septem	September 08, 2022
Gentlemen: F	Please furnish this Office	: Please furnish this Office the following articles subject to the terms and conditions contained herein:			
Date of Delivery :	very :	Metrology Building	Delivery Term : Payment Term :	Delivery Term : 90-120CD Payment Term :	
Property No.	Unit	Description	Quantity	Unit Cost	Amount
			balo	balance forwarded	6,880,000.00
		Programs Up to 50 programs can be configured. High flexibility with a range of adjustable parameters, e.g. sterilizing time, sterilizing temperature, gradients etc. Simple abd safe programs management with flexible linking, e.g., by creation of a master program.			
		Power supply The sterilizer is suitable for an on-site power supply with 380 V at a frequency of 50 Hz			
		Integrated steam generator Pure-steam genrator as electric boiler conforming EN 14222.			
		Pure-steam generated from demineralized boiler feed water with electric			
		Immersion heaters by a controlled process with no additional operating steps required, with level-controlled and monitored feed of boiler water and automatic pressure regulation. Rated power: 22.5 kW			
		Horizontal, compact design, with boiler, feed equipment, pipes and fittings. Boiler:			
		Round, horizontal structure, with dished end, flange and flange plate. Boiler with base and flangeplate CrNiMo steel, material no. 14577 Steam pipes and fittings CrNi steel, valve on this pipe of CrNi steel. Water level indicator:			
		The filling level is indicated digitally via the 2 LED of the redundantly designed low water level limiters (Liquiphants) and the LED of the filling level limiter			
		It is indicated in 2 steps whether the level "Low water NW" or the maximum intended level is reached or exceeded.			
		The blow-off pipe must be provided by the customer. A transfer point is provided in the machine. A deviating design execution is only possible with appropriate additional equipment. The information in the building preparation drawing or in the technical data sheet must be observed. Boiler insulation:			
		Boiler insulated with aluminum-coated mineral wool. Feed equipment: Automatic boiler water feed from feed water tank, feed valve and feed pump,			
		automatic monitoring of minimum level. Pipes and fittings: Complete pipe system with valve for taking water samples and drainage system for manual dislodging of the steam generator			
		Control and regulation of boiler heating, steam pressure and water level integrated into the sterilizer controller. Blow-down facility:			
		Automatic blow-down, which can be adjusted depending on the quality of the feed water. Blow-down is initiated depending on the operating state of the steam generator and does not affect its output. 1 Software package "Animal house" Vak. PL			
		MMM software Sterisecure for the preliminary sterilization or disinfection of animal houses goods, or the sterilization or disinfection of animal houses goods to be discarded, such as animal cages, litter, animal food, solid and porous goods, as well as liquids and drinking solutions, etc.			
		*		sub-total	6,880,000.00
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6,880,000.00	sub-total			
6,880,000.00 6,880,000.00			Free programmability and program modification. All program parameters can be modified in the service menu to be accessed through access code within the limits of minimum and maximum values and within the range of job and product safety. E.G. the number of evacuations, process temperatures ranging from 105 to 134 °C, pressure gradients of inflow and exacuation speed as well as serilization and drying times. Sandard program settings ex works: Solid and porous load programs: Solid pagods 134 °C Program for animal feed, bedding and autoclavable material for laboratory animal in special pages. Cages made of polycarbonate and program for empty animal cages made of polycarbonate of little. Program for animal rages made of polycarbonate with bedding and porous goods and the program for solid and porous goods such reduced temperature resistance (preliminary scriftzation). Program for solid and porous goods and heat resisting animal cages and bedding. Program for porous goods and heat resisting animal cages and bedding. Program for porous goods and heat resisting animal cages and bedding. Purous goods 134 °C Program for porous goods and heat resisting animal cages and bedding. Purous goods 134 °C Program for porous goods and heat resisting animal cages and bedding. Liquids programs: Diriking solution in polycarbonate bottles 118 °C Program for drinking solution in polycarbonate bottles 118 °C Program for drinking solution in polycarbonate bottles 118 °C Program for drinking solution in polycarbonate bottles 118 °C Program for both sides. 1 See and vacuum pump wate water 1 Side paneling 636-2 °C.1 ° Steam sterifizer fitted with chamber rails for manual loading and unloading for operation with additional loading trolleys and transport carts, Rails Crili steel. 1 Feet water 1866 °C Side wall, for mounting to machine frame, Crili steel plate, material no. 1 4301 (AlS 304), ground seminance and machine frame, Crili steel plate, material no. 1 4301 (AlS 304), ground seminance and machine frame, Crili steel	
Amount	Out cost	Challery		No.
	Unit	Ouantity Ouantity	Unit Description	Stock/ Property
	Delivery Term: 90-120CD	Delivery Terr	Metrology Building	Place of Delivery : Date of Delivery :
			: Please furnish this Office the following articles subject to the terms and conditions contained herein:	Plea
September 08, 2022 : PB		Date : Mode of Pro	#3434-C C. Raymundo Ave., Rosario, Pasig City 006-866-279-000	
PO-2022-09-1055 (STD)	GIAE-PO-202	P.O. No. :	ITS SCIENCE PHILS., INC.	Supplier :

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

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Address: Date of Delivery Supplier: Place of Delivery Gentlemen: Property Stock/ S Please furnish this Office the following articles subject to the terms and conditions contained herein: 006-866-279-000 #3434-C C. Raymundo Ave., Rosario, Pasig City ITS SCIENCE PHILS., INC. Unit 1 Pressure gauge in panel (1x) CL Steam tapping point with needle valve for the withdrawal of a steam sample 1 Valve for steam tapping CL Printing range: 0-4 bar Temperature range: 50-150 °C of DIN EN 285 (0.4 cm/min). The sterilizer is fitted with a thermal printer on the unloading side for printing 55°C by adding cold water by means of a thermal water valve. the temperature measuring probe. closed reference receptacle with sensor and sensor line or the sensor alone. As a practical storage place during loading and unloading of the sterilizer. Analogue chamber pressure gauge installed in the machine panel on the front of between steam generator and sterilizer waterproof paper, paper width 104 mm, scaling corresponds to the specifications Fast, high-resolution printer mechanism with excellent print quality on barcodes and fault documentation. values for pressure and temperature, start and end of the exposure time, last program start, selected program, significant program steps with the achieved The following items are recorded: hospital and department name, machine number, batch number, date, time, out the operating temperature and pressure and all relevant batch parameters 1 Integrated thermal printer CL Condensate cooling device that cools the condensate to a temperature of approx Condensate cooling CL Set for all standard small necked and wide necked Erlenmeyer flasks for holding 1 Connection device ref. bottle Vak. PL Holding device fitted on the front side of the sterilizer accommodating the tightly 2 Holding device ref. bottle+probe Vak.PL containers from boiling over injecting compressed air from the central network into the sterilization pressure jacket nozzles. Protection of the jacket against impermissible pressure increase. 1 Active Jacket cooling Vak PL 636 CL MMM software for data entry system of the sterilizer to enter suitable barcodes attachment to the sterilizer and internal connection of the base station to the $15\ {
m m.}$ Hand scanner complete with charging/transmission station and holder for Online data transmission from barcodes to the sterilizer within a radius of up to Scanned barcodes are printed on the batch protocol. They can be read out from documentation systems using an MMIM software library. Barcodes can be read for the next program while the current program is running barcode management to avoid double entry of barcodes The scanned barcodes are shown on the machine display. System with intelligent Metrology Building acuum test, last Bowie-Dick test, maintenance, sterilization result and also vessel to build up back pressure that prevents liquids in open or slightly closed operating panel is determined by the symbol length and the scan angle. Cordless hand scanner for remote barcode entry. The minimum reading distance System consisting of: looling of the chamber jacket with softened cold water, which is introduced via Description September 08, 2022 P.O. No. : Payment Term Delivery Term : 90-120CD Quantity balance forwarded GIAE-PO-2022-09-1055 (STD) **Unit Cost** sub-total 6,880,000.00 Amount 6,880,000.00

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

22. WET

Date of Delivery : Stock/ Place of Delivery : Address: Supplier : Gentlemen: Property S Please furnish this Office the following articles subject to the terms and conditions contained herein: 006-866-279-000 #3434-C C. Raymundo Ave., Rosario, Pasig City ITS SCIENCE PHILS., INC. Unit This component monitors the pressure of fresh water for the machine on site and signals, if the water pressure is too low. 1 Monitoring compressed air supply CL 1 Monitoring cold water pressure CL signals, if the supply pressure is too low. This component monitors the compressed air supply of the machine on site and evaluate whether a possible blow-off via the safety valve is safe! bottom vat of the unit. The operator must check the installation situation and blow-off pipe is necessary. The blow-off pipe of the safety valve ends in the 1 Blow-off pipe end.in vat Unoll Vac CL/22 power, which allows the building connection to be reduced accordingly pressure release, drying, unloading). These measures reduce the required peak performance during phases of reduced steam requirement (ready for operation, is released can be set depending on the performance of the connection signals whether it is ready to start. The process step from which the next machine before starting the program. Depending on the result of this request, the machine connected machines are networked and request the status of the other machines The energy manager coordinates the timing of the programs to ensure that the consumption if multiple sterilizers are connected. Due to technical reasons max. 4 optional power switch is selected, the feature standby is also available. the machine is inactive for a certain period of time, the standby mode is activated PLTFE. Pressure tight housing made of ni-chrome molybdenum steel, material No sterilization of the filter during every cycle by treatment with steam at process power consumption of the steam generator is as consistent as possible. The sterilizers can be operated at the same time with the Energy Manager. Additional machine device for every sterilizer that regulates electrical power 1 Energy Manager Vak PL CL automatically. The integrated steam generator (if available) is switched off. If the Note: The basic version of the sterilizer is equipped with the feature "Standby". If Power switch for switching the machine on and off. 1 Power switch CL Special voltage 3x220V according to number of doors mushroom button. Number of the program stop buttons needs to be ordered Hardware safety mechanism for stopping the current program. Designed as 1 Mechanical program stop button CL 1.4404 (AISI 316 L). Removable upper part for the easy replacement of the filter. temperature. The filter cartridge is made of hydrophobic and steam resistant of 0.003 micrometers (gaseous condition); filtration of the germs in the air Validated filter for the outgoing air designed for an absolute filter transmittance 1 Compressed air filter CL The steam generator is equipped with additional equipment, so that no on site The internal steam generator also operates with significantly reduced heating removed from the chamber during the program cycle. Automatic in-line Resterilization of the filter cartridge in the sterilization pressure vessel. cartridge. Hydrophobic filter element with a pore size of 0.2 micrometers. housing with easily removable upper part for easy replacement of the filter chamber as supporting pressure during the cooling phase. Stainless steel filter Device for sterile filtration of the compressed air, which is fed into the sterilization Metrology Building 1 Exhaust air filter A 80 CL Description Payment Term Delivery Term : 90-120CD Mode of Procurement: PB P.O. No. : Quantity balance forwarded GIAE-PO-2022-09-1055 (STD) Unit Cost sub-total September 08, 2022 6,880,000.00 Amount 6,880,000.00

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Date of Delivery Place of Delivery : Property Gentlemen: Address : Stock/ N_O Please furnish this Office the following articles subject to the terms and conditions contained herein: 006-866-279-000 #3434-C C. Raymundo Ave., Rosario, Pasig City ITS SCIENCE PHILS., INC. Unit 1 Tropical execution (hot cool.water)Vak CL password these users can only perform the actions on the machine they are The authorizations are defined by an administrator, who is entitled to manage 1 User Manager users, to which various rights can be assigned. After login with username and The User Manager determines which user may perform which actions on the Every one of the five programs can be automatically repeated 999 times for test can specify whether autostart is required start time can be configured separately for every day of the week and the user automatic start, e.g. of vacuum test, heating program and B&D test. A sequence of any five program as maximum can be configured; in addition, the generator to the "ready for operation" status before starting the shift, i.e. users. A user can be identified by a user name and password You can create new Timed program sequence for automatically transferring the sterilizer with steam The machine can be operated even under unfavorable conditions with increased Special program for regions with high ambient and cooling water temperatures. the machine they are allowed to. login with username and password these users can only perform the actions on You can create new users, to which various rights can be assigned. After manage users. A user can be identified by a user name and password. The authorizations are defined by an administrator, who is entitled to The User Manager determines which user may perform which actions on the 1 User Manager Every one of the five programs can be automatically repeated 999 times for test start time can be configured separately for every day of the week and the user A sequence of any five program as maximum can be configured; in addition, the generator to the "ready for operation" status before starting the shift, i.e. automatic start, e.g. of vacuum test, heating program and B&D test. 1 Autostart program CL vacuum switching points and additional pulsing. 1 Tropical execution (hot cool.water)Vak CL can specify whether autostart is required. Timed program sequence for automatically transferring the sterilizer with steam 1 Autostart program Cl This component monitors the pressure of deionized water for the machine on site and signals, if the water pressure of the DI water is too low. 1 Monitoring DI water pressure PL CL and signals, if the pressure of softened water for jacket cooling is too low This component monitors the pressure of softened water for the machine on site 1 Monitoring softened water supply Vak CL Metrology Building Description Delivery Term : 90-120CD Payment Term : Node of Procurement : PB P.O. No. : Quantity balance forwarded GIAE-PO-2022-09-1055 (STD) **Unit Cost** だけ Amount 6,880,000.00

sub-total

6,880,000.00

Special program for regions with high ambient and cooling water temperatures

The machine can be operated even under unfavorable conditions with increased

1 Seaworthy packaging in wooden box

vacuum switching points and additional pulsing

Shipping of the machine in a stable and marine fit wooden shipping crate

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IDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITU:

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6,880,000.00	sub-total			
9,000,000	The Joseph Land		Transport trolley TW 636 SP Transport trolley TW for loading cart Trolley with add chassis, transport plate, pushing handle and four wheels. Front wheels completely lockable by parking brakes. Coupling system for connecting and disconnecting the transport trolley to the MMM loading and unloading system for stehleres. Trolley construction, wheels and brakes made of ni chrome steel. Wheels tired with soft, running rubber, Indeed height: 850 mm 1 Loading cart BW 636, 2 shelves SP Loading cart BW 636, 2 shelves SP Loading cart BW 636, 2 shelves SP Loading leight-adjustable inset trays. Frame, casters, chassis and structure CrNI steel, material no. 1,4301 (AIS 304). Cart with four skets and a second tray. Upturned edges to secure the load. Capacity in DIN sterilization units (SU): 2 1 Instabilation/Qualification (IQ) Labor Instabilation of the safety sechnology hardware? Checking of completeness of components and documents Checking of completeness of components and documents Checking of completeness of components and documents Checking of programmes Functional test of active programmes with batch record (one functional test of active programme) Jinstruction of programmes Functional test of active programmes with batch record (one functional Batch documentation) Deparation/Qualification (OQ) Operational Qualification (OQ) Operational Qualification (OQ) Deparation/Qualification (OQ) Deparation/Qualification (OQ) Lab On includes: Preparing the OQ test plan and OQ protocols accoding to the test and acceptance drients agreed with the client incl. Vacuum test OQ report Batch report vacuum test cycle 2 YEAR'S WARRARANTY ON PARTS AND SERVICES AGAINST FACTORY DEFECTS	
0 000 088 9	balance forwarded	bala		
Amount	Unit Cost	Quantity	Unit	Property No.
	Delivery Term : 90-120CD Payment Term :	Delivery Term :: Payment Term :	ivery : Metrology Building very :	Place of Delivery : Date of Delivery :
			Please furnish this Office the following articles subject to the terms and conditions contained herein:	-
iber 08, 2022	Date: September 08, 2022 Mode of Procurement: PB	Date : Mode of Pro	006-866-279-000	TIN:
PO-2022-09-1055 (STD	GIAE-PO-202	P.O. No. :	#3434-CC Raymindo Ave. Rocario Paris Cit.	Supplier:

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Supplier :	ITS SCIENCE PHILS., INC.		P.O. No. :	GIAE-PO-202	GIAE-PO-2022-09-1055 (STD
Address : TIN :	#3434-C C. Raymundo	#3434-C C. Raymundo Ave., Rosario, Pasig City 006-866-279-000	Date :	Date : Septemi	September 08, 2022
Gentlemen: P	lease furnish this Offic	: Please furnish this Office the following articles subject to the terms and conditions contained herein:			
Place of Delivery : Date of Delivery :	ery:	Metrology Building	Delivery Ter	Delivery Term: 90-120CD	
Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
			balc	balance forwarded	6,880,000.00
			Less: VAT	307,142.86 61,428.57	368,571.43
	END USER:	ALVIN V. UMALI		2	0,311,420.57
(Total Amou	(Total Amount in Words)	Six Million Five Hundred Eleven Thousand Four Hundred Twenty Eight pesos and 57/100 only.	nly.		
In case of failure undelivered item/s.	failure to make the fu .em/s.	In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the elivered item/s.	ent for every	day of delay shail be	e imposed on the
Conforme:	rme:	Gill on the large	Very truly yours,	urs, Magnod	
		Signature ower bings Name of Sunalief	Signature	Signature over Printed Name of A	of A.
Fund Cluster : UPGRADING	Fund Cluster: UPGRADING; TUKLAS LULLAS)RS/BURS N	ORS/BURS No. : 10 202269 23 34	392394
Funds Available :	ole:	PATRICIA ASHLEY N. MENDOZA	Date of the ORS/BURS:_	Date of the ORS/BURS:	
	Signature o	counting Division/Unit	4		