

Purchase Order

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Del. 12/3/22

Supplier : MERIT STAINLESS STEEL, INC.	P.O. No. : GIAE-PO-2022-09-1106 (FPD)
Address : C.E.O. bldg., EDSA cor. Connecticut St., Greenhills San Juan City	Date : September 27, 2022
TIN : 000-132-488-000	Mode of Procurement : PB

Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery : Food Processing Division (FPD)	Delivery Term : 120CD
Date of Delivery :	Payment Term :

Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
1	lot	Multi-process Pilot/Laboratory/R&D Retort or Autoclave with Overpressure (counterpressure) for thermal processing bottled, canned and pouched food products			
1	set	HIGH TEMP AND HIGH PRESSURE READY TO SERVE FOOD RETORT STERILIZER <i>Model. RCS-60/10RSPXTG, 220V/1-107, 60 Hz, 3PH</i> AGITATED:STATIC/ROTARY/OSCILATING PILOT RETORT Dim: Diameter 700mm Chamber Length 900mm Hot water shower system Hot water immersion system (Process for Can 1 and can 2) Steam Injection System 1-stage heating 2-stage heating Fully automatic control Programed Temp. Control Programed Pressure Control Pack ace (aeration process) Rolling Type (swaying) B Rotation Type (end over end) Hot Water Collection Method Air Replacement Method Process for Glass Jar Steaming function/Steam type sterilization (Manual/Automatic) 1-stage cooling 2-stage cooling Pattern setting High temp. short time method Low Temp. sterilization Overshoot Heating Driving Roller FAM (Total management System) 1). Equipped with compatible flow meter for monitoring water flow into the water spray circulation system 2.) Equipped with temperature, pressure, and controlling devices; temperature, pressure, and time recording devices; water level indicating devices compliant to Japanese Standard Model 3.) Warning Sound and Visual Alarm in Touch Screen with instructions 4.) At least 1 cage (crate: SUS. Side wall: Aluminum) 5.) At least 6 loading trays for pouches 6.) Transport truck/trolley (Handle, rail, and stopper: SUS; Frame: Mild Steel) 7.) At least 5 pcs divider/spacer plate (High spacer) 8.) At least 4 probes for core temperature measurement Loading Capacity - PLS REFER TO COMPLIANCE OTHER DETAILS PLEASE REFER TO BROCHURES	1	17,600,800.00	17,600,800.00
2	set	At least 1 dedicated and compatible workstation for Central Host PC functionality (preferably laptop with minimum specification of (a) CPU: at east 8th Gen. Intel Processors or equivalent (b) RAM: at least 16 GB)	1	400,000.00	400,000.00
3	set	DIESEL STEAM BOILER FOR RETORT AUTOCLAVE LWS0.3-0.7-Y.Q 1)300KG steam output per hour 2) Diesel fired 3) Voltage: 220±10V, 3Phase, 60Hz 4) Usage for Canned good and pouch products in retort autoclave 1). This boiler is designed /manufacturer/inspection /assembly according to JB/T 10094-2002-General specification for industrial boiler and TSG G0001-2012 Boiler safety technology supervision regulation as well as TSG G0002-2010 supervision and management procedures of boiler energy saving technology. 2. Boiler strength calculation base on GB/T 16508-1996-Strength calculation of pressure parts for shell boilers 3. Boiler assembly according to GB 50273-2009 Boiler installation engineering and standards of acceptance	1	1,355,000.00	1,355,000.00
<i>sub-total</i>					19,355,800.00

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TIN : 000-132-488-000		Mode of Procurement : PB			
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery : Food Processing Division (FPD)		Delivery Term :120CD			
Date of Delivery :		Payment Term :			
Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
<i>balance forwarded</i>					19,355,800.00
4	set	4. Boiler rated working pressure 7 BAR, after assembled, should do hydraulic test according to JB/T1612-1994-Technical requirements for water pressure test of boiler Hydraulic test pressure is 10.5BAR 5. This boiler painting, package and transportation according to JB/T 1615 1991 6. Boiler feed water should meet requirement of GB/T 1576-2008-industrial boiler water requirement. PLS REFER TO ATTACHED DETAILS (BROCHURES) AIR COMPRESSOR SYSTEM 3KW Air output: 0.3 m3/min; pressure: 10kg 1) Air storage tank : Capacity 0.10 m3 Pressure: 10kg 1) Air storage tank 2) Complete with Fittings, Pipe, Hose connections Stainless Steel Frame/Bracket Assembly * INCLUSIVE OF JAPANESE SUPERVISOR FOR INSTALLATION AND COMMISSIONING)	1	595,000.00	595,000.00
5	set	OTHER REQUIREMENTS: • installed instrumentation with calibration certificates • All displays, labels, and manuals must be in English • At least two (2) years warranty on parts and service • Design of equipment is compliant with USFDA 21CFR113.40 or (equivalent Japan) • Local technical support and after-sales service • Set of common tools and supplies for basic maintenance of the equipment • All pipes and fittings of the retort must be constructed of stainless steel (at least 304), Steam cylinder DN159 one in three out, Strong down base and system piping connection, Steam piping-DN32 with heat preservation cover/insulation, bends /elbows, flanges, ss cladding • Access port/fittings for conducting Heat Distribution and Heat Penetration Tests (at least 1 inch) • Capable of remote access via ethernet or modem • Heated vessels are insulated and equipped with stainless steel cladding • Spare parts must be available at least for the next 10 years • RETORT ORIGIN - Japan" INCLUSIVE OF JAPANESE SUPERVISOR FOR INSTALLATION AND COMMISSIONING)	1	900,000.00	900,000.00
6	set	Set of common tools and supplies for basic maintenance of the equipment (2 YEARS) • All pipes and fittings of the retort must be constructed of stainless steel (at least 304) Access port/fittings for conducting Heat Distribution and Heat Penetration Tests (at least 1 inch) • Capable of remote access via ethernet or modem • Heated vessels are insulated and equipped with stainless steel cladding • Spare parts availability at least for the next 10 years DOCUMENTATIONS/PLANS AND DRAWINGS WITH PME	1	796,700.00	796,700.00
<i>sub-total</i>					21,647,500.00

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22. 12037F

Supplier : MERIT STAINLESS STEEL, INC.	P.O. No. : GIAE-PO-2022-09-1106 (FPD)
Address : C.E.O. bldg., EDSA cor. Connecticut St., Greenhills San Juan City	Date : September 27, 2022
TIN : 000-132-488-000	Mode of Procurement : PB

Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery : Food Processing Division (FPD)	Delivery Term :120CD
Date of Delivery :	Payment Term :

Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
<i>balance forwarded</i>					21,647,500.00
7	set	UPS (either built-in or external to the control panel system) ✓	1	✓ 300,000.00	300,000.00
8	set	MOBILIZATION AND DEMOBILIZATION Requirements: Inclusive of delivery, fabrication of supports and brackets, installation, commissioning and on-site training on operation and maintenance (at ITDI DOST) ALL WORKS INCLUDED TWO (2) YEARS WARRANTY ON PARTS AND SERVICES AFTER ACCEPTANCE OF THE DELIVERY BY PROCURING ENTITY PARTS ARE AVAILABLE WITHIN 5 YEARS AFTER SALES SERVICE PARTS	1	✓ 350,000.00	350,000.00
					22,297,500.00
				Less: VAT	995,424.11
				EWT	199,084.82
					1,194,508.93
TOTAL:					21,102,991.07

END USER: *[Signature]*
MONICA R. MANALO

(Total Amount in Words) Twenty-one million, one hundred two thousand nine hundred ninety one and 07/100 only.

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 undelivered item/s.

Conforme:

[Signature]
Mr. EDRA R. LUCAS
Signature over Printed Name of Supplier
OCT. 28, 2022
Date

Very truly yours,

[Signature]
DR. ANNABELLE V. BRIONES
Signature over Printed Name of Authorized Official
Director
Designation
8/27

Fund Cluster : Thermal Processing of Selected Local Materials Using Agitated-Type Retort

ORS/BURS No. : *FC202202701*

Funds Available : *[Signature]*
PATRICIA ASHLEY M. MENDOZA
Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit

Date of the ORS/BURS: _____

Amount : *22,297,500.00*

AKM
10/25/22