



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 4

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1004425

Procurement Type: Central Purchase Order

Vendor ID: VC0000092015

Legal Name: ALLENTOWN LLC

Alias/DBA:

Total Bid: \$73,679.01

Response Date: 02/28/2022

Response Time: 14:19

Responded By User ID: Allentown

First Name: Mark

Last Name: Marasco

Email: mmarasco@allentowninc

Phone: 6099297098

SO Doc Code: CRFQ

SO Dept: 1400

SO Doc ID: AGR2200000019

Published Date: 2/16/22

Close Date: 3/1/22

Close Time: 13:30

Status: Closed

Solicitation Description: STEAM STERILIZER

Total of Header Attachments: 4

Total of All Attachments: 4



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1004425
Solicitation Description: STEAM STERILIZER
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2022-03-01 13:30	SR 1400 ESR02282200000005137	1

VENDOR
 VC0000092015
 ALLENTOWN LLC

Solicitation Number: CRFQ 1400 AGR2200000019
Total Bid: 73679.00999999999476131051778 **Response Date:** 2022-02-28 **Response Time:** 14:19:09
Comments:

FOR INFORMATION CONTACT THE BUYER

Crystal G Husted
 (304) 558-2402
 crystal.g.husted@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Steam Sterilizer	1.00000	EA	54348.010000	54348.01

Comm Code	Manufacturer	Specification	Model #
41000000			

Commodity Line Comments: Matachana SNA501E1

Extended Description:

Steam Sterilizer

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Water Treatment System	1.00000	EA	3529.000000	3529.00

Comm Code	Manufacturer	Specification	Model #
41000000			

Commodity Line Comments: N/A

Extended Description:

Water Treatment System

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Installation	1.00000	EA	12302.000000	12302.00

Comm Code	Manufacturer	Specification	Model #
41000000			

Commodity Line Comments: N/A

Extended Description:

Installation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Shipping and Handling	1.00000	EA	3500.000000	3500.00

Comm Code	Manufacturer	Specification	Model #
78121603			

Commodity Line Comments: N/A

Extended Description:

Shipping and Handling



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Laboratory

Proc Folder: 1004425		Reason for Modification:	
Doc Description: STEAM STERILIZER			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-02-16	2022-03-01 13:30	CRFQ 1400 AGR2200000019	1

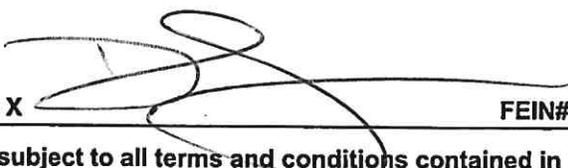
BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: VC0000092015
 Vendor Name : Allentown LLC
 Address :
 Street : 165 Route 526
 City : Allentown
 State : New Jersey Country : USA Zip : 08501
 Principal Contact : Russell Hugenschmidt
 Vendor Contact Phone: 484-888-2490 Extension:

FOR INFORMATION CONTACT THE BUYER
 Crystal G Husted
 (304) 558-2402
 crystal.g.husted@wv.gov

Vendor Signature X  FEIN# 84-2610739 DATE

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

THE STATE OF WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WEST VIRGINIA DEPARTMENT OF AGRICULTURE, ANIMAL HEALTH DIVISION, IS SOLICITING BIDS TO ESTABLISH A CONTRACT FOR THE ONE-TIME PURCHASE OF LABORATORY STEAM STERILIZER WITH WATER TREATMENT SYSTEM AND INSTALLATION PER THE ATTACHED DOCUMENTS.

QUESTIONS REGARDING THE SOLICITATION MUST BE SUBMITTED IN WRITING TO CRYSTAL.G.HUSTEAD@WV.GOV PRIOR TO THE QUESTION PERIOD DEADLINE CONTAINED IN THE INSTRUCTIONS TO VENDORS SUBMITTING BIDS

INVOICE TO

AGRICULTURE
DEPARTMENT OF
ADMINISTRATIVE SERVICES
1900 KANAWHA BLVD E
CHARLESTON WV
US

SHIP TO

AGRICULTURE
DEPARTMENT OF
MOOREFIELD FIELD OFFICE
60B INDUSTRIAL PARK RD
MOOREFIELD WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Steam Sterilizer	1.00000	EA	\$54,348.01	\$54,348.01

Comm Code	Manufacturer	Specification	Model #
41000000	Matachana	see attached	SNA501E1

Extended Description:
Steam Sterilizer

INVOICE TO

AGRICULTURE
DEPARTMENT OF
ADMINISTRATIVE SERVICES
1900 KANAWHA BLVD E
CHARLESTON WV
US

SHIP TO

AGRICULTURE
DEPARTMENT OF
MOOREFIELD FIELD OFFICE
60B INDUSTRIAL PARK RD
MOOREFIELD WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Water Treatment System	1.00000	EA	\$3,529.00	\$3,529.00

Comm Code	Manufacturer	Specification	Model #
41000000	N/A		

Extended Description:
Water Treatment System

INVOICE TO		SHIP TO	
AGRICULTURE DEPARTMENT OF ADMINISTRATIVE SERVICES 1900 KANAWHA BLVD E CHARLESTON WV US		AGRICULTURE DEPARTMENT OF MOOREFIELD FIELD OFFICE 60B INDUSTRIAL PARK RD MOOREFIELD WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Installation	1.00000	EA	\$12,302.00	\$12,302.00

Comm Code	Manufacturer	Specification	Model #
41000000	N/A		

Extended Description:
Installation

INVOICE TO		SHIP TO	
AGRICULTURE DEPARTMENT OF ADMINISTRATIVE SERVICES 1900 KANAWHA BLVD E CHARLESTON WV US		AGRICULTURE DEPARTMENT OF MOOREFIELD FIELD OFFICE 60B INDUSTRIAL PARK RD MOOREFIELD WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Shipping and Handling	1.00000	EA	\$3,500.00	\$3,500.00

Comm Code	Manufacturer	Specification	Model #
78121603	N/A		

Extended Description:
Shipping and Handling

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	VENDOR QUESTION DEADLINE	2022-02-22

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.

A pre-bid meeting will not be held prior to bid opening

A **MANDATORY PRE-BID** meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting
Revised 02/08/2022

are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR QUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline: February 22, 2022 at 10:00 AM ET

Submit Questions to: Crystal Husted
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-3970
Email: crystal.g.husted@wv.gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is:
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID:
BUYER: Crystal Husted
SOLICITATION NO.: CRFQ AGR2200000019
BID OPENING DATE: March 1, 2022
BID OPENING TIME: 1:30 PM ET
FAX NUMBER: 304-558-3970

Revised 02/08/2022

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to a Request for Proposal is not permitted in wvOASIS.

For Request For Proposal ("RFP") Responses Only: In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal prior to the bid opening date and time identified in Section 7 below, plus N/A convenience copies of each to the Purchasing Division at the address shown above. Additionally, the Vendor should clearly identify and segregate the cost proposal from the technical proposal in a separately sealed envelope.

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

Bid Opening Date and Time: March 1, 2022 at 1:30 PM ET

Bid Opening Location: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

10. ALTERNATE MODEL OR BRAND: Unless the box below is checked, any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.

13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.

14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

15. PREFERENCE: Vendor Preference may be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: <http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference

for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.

18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance.”

20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b.”

21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor’s entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled “confidential,” “proprietary,” “trade secret,” “private,” or labeled with any other claim against public disclosure of the documents, to include any “trade secrets” as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

22. INTERESTED PARTY DISCLOSURE: West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award.

A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

23. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

24. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor wvOASIS or the Purchasing Division's website to determine when a contract has been awarded.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.

2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.

2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: The Initial Contract Term will be for a period of _____. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to _____ successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Alternate Renewal Term – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that maintenance, monitoring, or warranty services will be provided for _____ year(s) thereafter.

One-Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for “Fixed Period Contract” or “Fixed Period Contract with Renewals” has been checked in Section 3 above. If either “Fixed Period Contract” or “Fixed Period Contract with Renewals” has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General’s office.

6. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

7. REQUIRED DOCUMENTS: All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

BID BOND (Construction Only): Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

Commercial General Liability Insurance in at least an amount of: \$100,000 per occurrence.

Automobile Liability Insurance in at least an amount of: \$100,000 per occurrence.

Professional/Malpractice/Errors and Omission Insurance in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

Commercial Crime and Third Party Fidelity Insurance in an amount of: _____ per occurrence.

Cyber Liability Insurance in an amount of: _____ per occurrence.

Builders Risk Insurance in an amount equal to 100% of the amount of the Contract.

Pollution Insurance in an amount of: _____ per occurrence.

Aircraft Liability in an amount of: _____ per occurrence.

*****STATE OF WEST VIRGINIA MUST BE LISTED AS ADDITIONAL INSURED ON INSURANCE CERTIFICATE**

*****CERTIFICATE HOLDER SHOULD READ AS FOLLOWS:
WV DEPT OF AGRICULTURE
1900 KANAWHA BLVD E, CHARLESTON, WV 25305**

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

9. WORKERS' COMPENSATION INSURANCE: Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. [Reserved]

11. LIQUIDATED DAMAGES: This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

13. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

15. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

19. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

20. TIME: Time is of the essence regarding all matters of time and performance in this Contract.

21. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

22. COMPLIANCE WITH LAWS: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

24. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

25. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

26. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

27. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

28. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

29. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

30. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/default.html>.

31. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

32. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

34. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

38. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

39. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at purchasing.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open hearth, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:

1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

44. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

45. VOID CONTRACT CLAUSES – This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Name, Title)
David Carmignani, Chief Operating Officer

(Printed Name and Title)
165 Route 526 Allentown NJ 08501

(Address)
609-259-7951 f) 609-259-0449

(Phone Number) / (Fax Number)
davidc@allentowninc.com

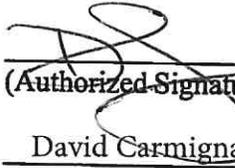
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

Allentown LLC

(Company)



(Authorized Signature) (Representative Name, Title)

David Carmignani, Chief Operating Officer

(Printed Name and Title of Authorized Representative)

(Date)

609-259-7951 f) 609-259-0449

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ AGR2200000019

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Allentown LLC

Company

Not applicable

Authorized Signature

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

**REQUEST FOR QUOTATION
CRFQ AGR2200000019
Laboratory Steam Sterilizer with Water Treatment System and Installation**

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Department of Agriculture, Animal Health Division to establish a contract for the one-time purchase of Laboratory Steam Sterilizer with Water Treatment System and Installation.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item”** means Laboratory Steam Sterilizer with Water Treatment System and Installation as more fully described by these specifications.
 - 2.2 **“Pricing Page”** means the pages, contained in wvOASIS or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

3. **GENERAL REQUIREMENTS:**
 - 3.1 **Mandatory Contract Item Requirements:** Contract Item must meet or exceed the mandatory requirements listed below.
 - 3.1.1 **Laboratory Steam Sterilizer**
 - 3.1.1.1 Laboratory Steam Sterilizer must be a microcomputer-controlled steam sterilizer that offers the option of either pre-vacuum or gravity displacement cycles for sterilization of laboratory, research and animal care supplies.
 - 3.1.1.2 Laboratory Steam Sterilizer must be compatible with existing facility dimensions with a maximum exterior dimension of 30” x 74” x 50.25” (w x h x d) and minimum interior chamber dimension of 21” x 21” x 38”. Interior chamber must include tracks for exterior load car.

**REQUEST FOR QUOTATION
CRFQ AGR2200000019**

Laboratory Steam Sterilizer with Water Treatment System and Installation

3.1.1.3 Laboratory Steam Sterilizer must employ gravity downward displacement with positive pulse conditioning as well as pressure and vacuum pulsing to manage solid and liquid loads. Must have pre-programmable cycles with touchscreen user interface. Must have audible and visual cycle deviation warnings included. Must include Load Car and Transfer Trolley. Must have 208V 30kW carbon steel steam boiler with automatic feed water pump. Must have user accessible connection to export cycle records to USB storage device. Must have single Power Door in lieu of Manual Door.

3.1.2 Water Treatment System

3.1.2.1 Water Treatment System must be designed specifically for use with a single sterilizer with integral electric boiler in the range of 12-45KW. Must be wall-mounted and have a minimum of 14-gallon pressurized tank for storage and delivery. Must provide a minimum of 400 gallons output per day. Must include a polyphosphate feeder.

3.1.2.2 Water Treatment System must be compatible with Laboratory Steam Sterilizer

3.1.2.3 Water Treatment System must remove organic and inorganic content that adversely affects the performance of the Laboratory Steam Sterilizer

3.1.3 Installation

3.1.3.1 Installation must be provided along with the removal of the existing steam sterilizer. Removal includes dis-assembly, rigging to loading dock. WV Department of Agriculture will be responsible for disposal of old equipment.

3.1.3.2 Installation must include the final utility connections to contractor utility termination points.

**REQUEST FOR QUOTATION
CRFQ AGR2200000019
Laboratory Steam Sterilizer with Water Treatment System and Installation**

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

4.2 Pricing Page: Vendor should complete the Pricing Page by indicating the Model No/Brand Name along with the Unit Price and Extended Amount. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor's bid being disqualified.

Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation.

5. PAYMENT:

5.1 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

6. DELIVERY AND RETURN:

6.1 Shipment and Delivery: Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order or notice to proceed. Vendor shall deliver the Contract Items within 30 working days after receiving a purchase order or notice to proceed. Contract Items must be delivered to Agency at West Virginia Department of Agriculture-Moorefield Field Office, Animal Health Division, 60B Industrial Park Road, Moorefield, WV 26836.

6.2 Late Delivery: The Agency placing the order under this Contract must be notified in writing if the shipment of the Contract Items will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the Contract, and/or obtaining the Contract Items from a third party.

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

6.3 Delivery Payment/Risk of Loss: Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.

**REQUEST FOR QUOTATION
CRFQ AGR220000019**

Laboratory Steam Sterilizer with Water Treatment System and Installation

- 6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7 VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this Contract.

- 7.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2** Failure to comply with other specifications and requirements contained herein.
- 7.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4** Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

- 7.2.1** Immediate cancellation of the Contract.
- 7.2.2** Immediate cancellation of one or more release orders issued under this Contract.
- 7.2.3** Any other remedies available in law or equity.

Quote Number 00042033
Request No. Rev 1
Created Date 2/24/2022

Created By Russell Hugenschmidt
Created By Email rhugenschmidt@allentowninc.com

Bill To Name West Virginia Dept of Agriculture Ship To Name West Virginia Dept of Agriculture
Note Removal of existing machine to dock included in install.
RO System included in Install.

Leasing options may be available. Ask your sales representative for details.

Product Code	Product Description	Included	Unit Price	Quantity	Total Price
76366.4	Sterilizer SNA501E1, ESG, 1 Door	<input type="checkbox"/>	USD 46,634.54	1.00	USD 46,634.54
86500.4	Set of Side Panes (SNA501)	<input type="checkbox"/>	USD 895.32	1.00	USD 895.32
78654.1	OPEN LIQUIDS PROGRAM	<input type="checkbox"/>	USD 2,645.24	1.00	USD 2,645.24
78514.5	Drain Cooling Kit to 140F	<input type="checkbox"/>	USD 543.74	1.00	USD 543.74
75500.2	Coupling Kit	<input type="checkbox"/>	USD 75.49	1.00	USD 75.49
75006.6	Loading Cart (SNA501)	<input type="checkbox"/>	USD 1,877.79	1.00	USD 1,877.79
75600	Fixed Height Transfer Trolley (SNA501)	<input type="checkbox"/>	USD 1,675.89	1.00	USD 1,675.89
CED-INSTALL-TI	CAPITAL EQUIPMENT DIVISION INSTALLATION, TYPE I: "TURN-KEY", NON-UNION LABOR SEE ATTACHED DETAILED SPECIFICATION	<input type="checkbox"/>	USD 15,831.00	1.00	USD 15,831.00
FREIGHT/TRANSPORTATION	FREIGHT/TRANSPORTATION	<input type="checkbox"/>	USD 3,500.00	1.00	USD 3,500.00

Total Price USD 73,679.01
Grand Total USD 73,679.01

See Attached Terms and Conditions



matachana

TECH DATA

Life Sciences Application

SERIES 500 STERILIZERS

20" x 20" Cross Section Lab Unit



PRODUCT

The 500 Series Steam Sterilizers from MATACHANA have been designed to cover a wide range of applications and services, and to operate continuously with maximum performance in all applications. The entire line of sterilizers operate automatically and may be equipped with 1 or 2 powered vertical sliding doors, controlled by a PLC (Programmable Logic Controller), with operator-selectable parameters and cycles. Depending on the application, the sterilizers can be installed in a pit or floor mounted with ramp(s). Different loading accessories are available.

The processes cover a wide range of applications, which include programs for: porous materials, glassware, instruments, boxes with bedding, feed, liquids (open and closed, and other types of materials). The temperature range is from 239-275 °F (115-135 °C) to process for solid materials and from 221-275 °F (105-135 °C) to process liquids.

TEST PROGRAMS

The standard test programs are as follows:

- Bowie & Dick test (B&R Test)
- Vacuum Test
- Pre-heating program PRO

5-YEAR EQUIPMENT WARRANTY

MATACHANA guarantees its equipment against all manufacturing or function defects for a period of 60 months following the installation, inclusive of all parts and labor. This is in addition to the 15 year standard pressure vessel warranty.

COMPANY STANDARDS

- ISO 9001 Quality Management
- ISO 14001 Environment Management
- ISO 50001 Energy Management

CONFIGURING THE UNIT

Use the steps described in the following pages to customize the design of your sterilizer, select the configuration boxes and options required for your project. Once you have filled out the configuration, send the document to the sales department of MATACHANA, its distributor, or its representative to receive a quote.



EQUIPMENT CONFIGURATION

CONFIGURATION

- One door
 - Recessed
 - Cabinet
- Two door (pass-through)
 - Recessed, 1 wall
 - With cabinet
 - Without cabinet
 - Recessed, 2 walls

BIOCONTAINMENT

- BSL-2
 - Air differential seal
 - Clean side
 - Dirty side
- BSL-3
 - Bioseal
 - Contaminated side (NIH recommended)
 - Uncontaminated side

STEAM SUPPLY

All units built to work with house steam. If house steam is not readily available, you may add a steam generator.

- Option: Electric steam generator**
- Option: Steam Pressure Reducing Valve (PRV)**
Limit incoming steam if pressure is > 3.1 bar.

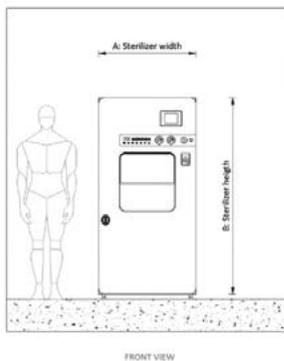
Unit comes standard with a connection for condensate return.

COMPRESSED AIR

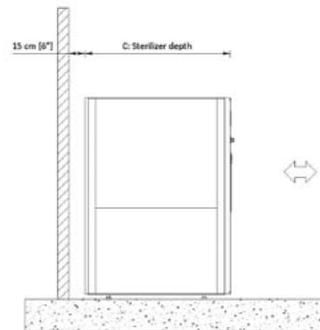
All units are built to work with house air. If not readily available, you may add an optional air compressor.

- Option: Air compressor**
- Option: Air tank back-up for door gasket**
Provides air pressure to door seals if normal air pressure falls below minimal supply pressure.

One Door

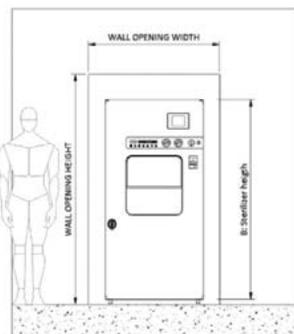


FRONT VIEW

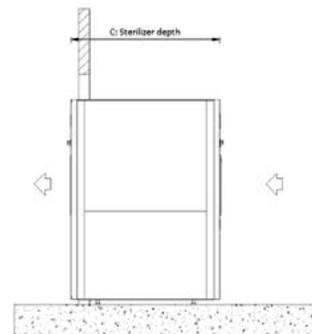


SIDE VIEW

Two Doors

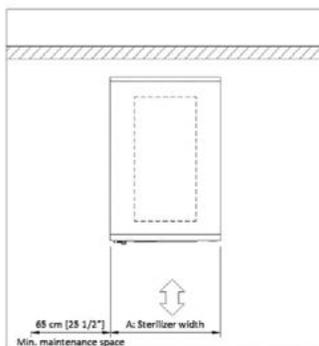


FRONT VIEW

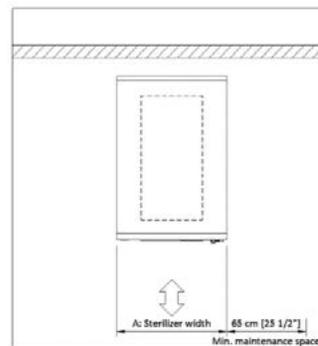


SIDE VIEW

Maintenance Side, One Door

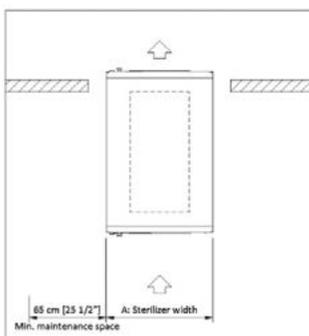


LEFT MAINTENANCE SIDE

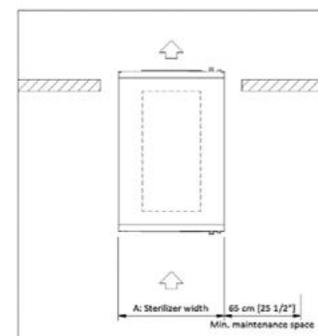


RIGHT MAINTENANCE SIDE

Maintenance Side, Two Doors



LEFT MAINTENANCE SIDE



RIGHT MAINTENANCE SIDE

DIMENSIONS

INTERNAL CHAMBER SIZES and volume - both one door and two door models

Model	Width		Height		Depth		Nominal Internal Chamber Volume	
	Inch	mm	Inch	mm	Inch	mm	Cubic ft	Liters
<input type="checkbox"/> 500	20	508	20	508	25	638	15.90	167
<input type="checkbox"/> 501	20	508	20	508	39	998	8.90	252
<input type="checkbox"/> 502	20	508	20	508	50	1296	11.34	321

OVERALL SIZES

Model	Width		Height		Depth			
	Both One Door and Two Door Models				One Door Models		Two Door Models	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
<input type="checkbox"/> 500	35-3/8	900	71-3/4	1824	39-1/8	995	39-3/4	1009
<input type="checkbox"/> 501	35-3/8	900	71-3/4	1824	52-7/8	1342	53-3/8	1355
<input type="checkbox"/> 502	35-3/8	900	71-3/4	1824	63-7/8	1622	64-3/8	1635

* Custom sizes available.

MECHANICAL CHARACTERISTICS

CHAMBER AND JACKET

The inner walls of this pressure vessel and the doors are made of high quality EN 1.4404 / AISI 316L stainless steel.

The jacket is made of high-grade stainless steel (EN 1.4301/AISI 304). Chamber insulation cladding made of polished aluminum. Chamber-jacket assembly constructed according to ASME code. The chamber floor slopes towards the drain (self-draining).

ENCLOSURE SIDE PANELS

The side panels are made of high-grade stainless steel (EN 1.4301/AISI 304).

- Right
- Left
- Back (one door models only)

SHELVING

- Fixed bottom shelf
- Removable extendable shelves
 - One shelf
 - Two shelves
 - Three shelves

DOOR SYSTEMS

All doors are equipped with safety systems and mechanical and electrical interlocking (sensors, position switches and blocks) that are managed by the sterilizer's software.

VOLTAGES & FREQUENCIES

- 208 V, 3 phase, 60 Hz
- 480V, 3 phase, 60 Hz

CONNECTION PORTS AND VALIDATION

Standard: The chamber is equipped with two welded 1-1/2" clamp connection ports to connect validation instruments in the chamber and to measure pressure, temperature and for thermometric validation of temperature distribution in the chamber.

SEISMIC RESTRICTIONS

- Seismic anchors
- Seismic calculations

VALVES AND COMPONENTS

The sterilizer's process valves are pneumatic piston valves made of high-grade stainless steel EN 1.4404/AISI 316L.

PIPING

All the steam pipes and fittings to the chamber involved in the sterilization process, including all the valves, fittings, etc., are built of high quality stainless steel. EN 1.4404/AISI 316L.

All steam pipes distributed throughout the sterilizer are insulated for thermal insulation. This prevents the risk of burns, condensation and ensures the energy efficiency of the equipment.

VACUUM SYSTEMS

S2000 sterilizers may be equipped with two different types of vacuum systems, depending on the chamber volume. The ejector vacuum system vacuum system (ejector+pressure pump) is silent, faster and consumes less power than the traditional liquid ring vacuum pump. There are no moving parts, evaporation takes place continuously and is balanced, therefore reducing process times.

** Must include water saver feature.*

- Option: Liquid ring pump vacuum system**
2000 series sterilizers can be equipped with a high-efficiency liquid ring vacuum pump.

CYCLES

- Vacuum (standard)
- Gravity (standard)

- Option: Liquid**
Includes load temperature probe. Place probe in product during sterilization cycle for controlling and monitoring purposes.
- Option: Air-over-pressure with jacket cooling**
- Option: Effluent decontamination**
For BSL-3 applications

- Option: Effluent decontamination with air decontamination system**
For BSL-3 applications

LOAD TEMPERATURE PROBE

- Option: Load temperature probe**
Place probe in product during sterilization cycle for controlling and monitoring purposes.

WATER EFFICIENCY

Drain water cooling guarantees drain at temperatures ≤ 140 °F (60 °C).

- Option: Closed loop cooling**
Connection of the water tank vacuum system to the external cooling closed circuit. (Cooler or chiller to be supplied by customer).

FLOOR SINK/DRAIN

Refer to the Standard Installation Layout for particular model chosen.

CONTROL SYSTEMS

The control system used by MATACHANA is manufactured by B&R Industrial Automation, GmbH. This equipment combines control and visualization technology, offering the user complete smart solutions that allow dynamic configurations. The configuration includes two CPUs, one is for control and the second, which acts independently, is used for monitoring.

TOUCH-SENSITIVE OPERATOR CONTROLS

The sterilizer is equipped with a 5.7" touch screen and an operator panel in the unloading area, depending on the model and user needs. There is a USB port located on the front panel for downloading processes. Control as standard on the load side.

PROCESS DATA PRINTER

All sterilizers include an alphanumeric thermal printer as standard.

CYCLE DATA DOWNLOAD

- Option: USB port for cycle data download**
Allows the operator to download cycle data in electronic TXT format from the operator interface.

COOLING SYSTEMS

Forced natural cooling is standard. An approximate 5% loss of liquid may be expected due to the cooling generated by evaporation.

- Option: Fast cooling system**
Fast cooling by water in jacket and sterile air counter-pressure in the chamber. This option reduces liquid loss to below 1% (see details in the programs description).
- Option: Switch key lock**
The switch key lock is located on the front panel beside the main display for selection of either solid or liquid programs.

INSTALLATION/START UP

MATACHANA's technical service carries out a series of BASIC acceptance tests as a standard service consisting of inspection, installation and commissioning protocol, including:

- Verification of the positioning of the unit, according to the installation drawings
- Startup verification
- Verification of alarm functioning – one of each type
- Verification of test and production cycles
- Verification of quality of water, steam, air, electricity, drainage, ventilation supplies, etc.
- Training of the maintenance team and users
- Evaluation of the customer's level of satisfaction with our Technical Service (SAT in regard to the installation and commissioning

DOCUMENTATION

One copy of the following documentation is delivered as standard with each sterilizer:

- User and maintenance manual
- Certifications
- Technical information and drawings
- Delivery to the client of the complete standard tests protocol, safety and calibration performed by our factory testing bench.
- Quality documentation of the pressure vessels, which includes the following:

Remarks: The test, safety & calibration protocols are stored in our facilities for the entire life span of the sterilizer.

- Option: Delivery of additional standard documentation** in hard copy.

Quantity requested: _____

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL & NATIONAL CODES & REGULATIONS

OPTIONAL ACCESSORIES

- Transfer trolley, qty: _____
- Loading cart, qty: _____
- Fixed rack and shelves, qty: _____
- Spare parts kit

UTILITY REQUIREMENTS

STEAM

- NPT male
- 40 ±5 psig (2.8 ±0.3 bar)
- 97-100% vapor quality

DRAIN

- 2-1/2" ODT gravity discharge

FEED WATER (FACILITY SUPPLIED)

- NPT male
- 14-45 psig (1-3 bar)
- 68 °F (20 °C) max.
- pH 7
- 125 ppm CaCO₃ (max. hardness)
- Water is used for vacuum pump sealing, drain cooling and jacket cooling.

COOLING WATER SAVINGS PACKAGE (OPTIONAL)

- NPT male
- 44-87 psig (3-6 bar)
- 68 °F (20 °C) max.
- ΔT is approximately 59 °F (15 °C)
- ΔP is approximately 15 psig (1 bar)
- Water is used for cooling of vacuum pump & drain.

COMPRESSED AIR

- NPT male
- 73-120 psig (5-8 bar)

CHAMBER SAFETY RELIEF

- NPT male
- 45 psig (3.1 bar) max.

JACKET SAFETY RELIEF

- NPT male
- 45 psig (3.1 bar) max.

ELECTRICITY OPTIONS FOR STERILIZER

- 208 V, 3 Phase, 60 Hz
- 240 V, 3 Phase, 60 Hz
- 480 V, 3 Phase, 60 Hz

HEAT DISSIPATION IN INTERMEDIATE ZONE

- Heat loss ranges from .3 BTU/hr (250 kcal/h) in smaller models to .5 BTU/hr (410 kcal/h) in the largest models.

NOTES

1. Utility connection sizes and flow rates are dependent on the chamber size selected. Refer to MATACHANA equipment and installation drawings for details.
2. Dry, oil free, compressed air is required.
3. The drain line should have a 2" (51 mm) air-gap to prevent backflow.
4. The pipe sizes shown indicate terminal outlets only. Building service lines, not provided by MATACHANA, must supply the specified pressures and flow rates.
5. A non-fused, pad-lockable disconnect switch is provided with the sterilizer. A fused disconnect next to the unit is recommended per local codes.*
6. Recommended drain is 12 x 12 x 11-3/4" (305 x 305 x 299 mm) floor sink with 4" (102 mm) drain pipe. Top plate must have 3" (76 mm) hole centered over drain. Drain pipe should be suitable for 140 °F (60 °C). High temperature drain piping is recommended.
7. Pit should have 2 x 2 x 3/16" (51 x 51 x 5 mm) stainless-steel angle around the perimeter.†
8. Bioseal shall have stainless-steel in-beds installed in the wall for welded angle frame assembly.‡
9. Additional pipes or structures should not be placed in the service area. MATACHANA must be consulted for this situation.
10. All engineering data subject to constant updates. Consult factory prior to final layout.

* A fused disconnect is not supplied or installed by MATACHANA. A non-fused, pad-lockable disconnect switch is provided with the sterilizer.

† A pit angle frame is not supplied or installed by MATACHANA.

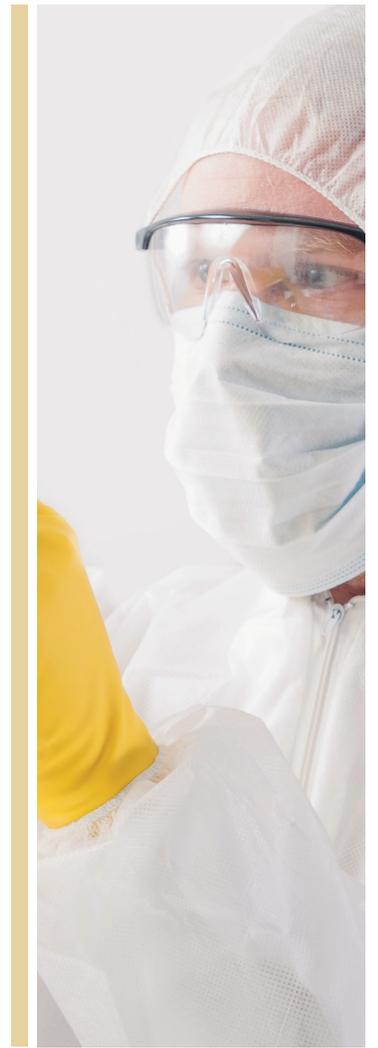
‡ Bioseal wall in-beds are not supplied or installed by MATACHANA.

INTELLECTUAL PROPERTY

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CONTENTS

Because our products are constantly being improved, the contents of this document may be revised or modified without prior notice. Some elements and/or instructions may vary depending on the equipment and the available options. In this case, the user will find an attached document with the necessary technical specifications.



Small Steam Sterilizers
Matachana SNA500 I

The sterilizers are designed and manufactured using the latest technologies available in the market to achieve the best results in terms of energy savings and reducing water consumption. An example is the steam generator (in the devices fitted with it), which has an **integrated “smart” economizer system**. It is fully controlled by the sterilizer’s CPU, so that the right amount of steam for the program is produced, adapting to the needs of pressure and temperature of the program selected and run. It is specifically designed to let in the appropriate water volume in the generator and at the right time of the cycle to minimize the consumption of treated water and power of the generator.



Stainless steel front panel type 304

Features

- Chamber and jacket made of high quality stainless steel type 316L.
- Pneumatic sliding vertical door/s, built in stainless steel type 316L.
- Front panel, hinged door type to improve access for service and with rounded edges for easy cleaning.
- Chamber and steam pressure gauges on the loading area frontal.
- Chamber gauge on the unloading area frontal (2 door option).
- Vacuum system by means of ejector-venturi, silent with water-saving closed loop. (Option: Liquid Ring Vacuum Pump)
 - Saves water vs. traditional vacuum pump and other venturi systems
 - Lifetime guarantee, no moving parts
- Circuits in contact with steam made of stainless steel type 316L.
- Pneumatic Piston Valves.
- Control system through two PLC (control and register) which ensures independent readings (temperature/pressure).
- Equipped with appropriate systems for viewing and printing parameters of process development.
- Non-Proprietary Controls and Components.
- Automatic Start / Stop Feature.
- Alphanumerical digital printer for “on site” cycle documented record.
- Validation ports for temperature and pressure.
- Standard programs:
 - Vacuum test and B&D test programs.
 - Sterilization programs for solid material, with adjustable temperature between 239 and 275 °F (115 and 135 °C).
 - Sterilization programs for liquids in non-hermetically sealed containers, with adjustable temperature between 220 and 275 °F (105 and 135 °C), as well as “Fo” value calculation.
 - Gravity program.

Models	NA500V-1 NA500E-1		NA500V-2 NA500E-2		NA501V-1 NA501E-1		NA501V-2 NA501E-2		NA502V-1 NA502E-1		NA502V-2 NA502E-2	
	in	mm										
Technical specifications												
Chamber dimensions ^(*)												
Width	20	500	20	500	20	500	20	500	20	500	20	500
Height	20	500	20	500	20	500	20	500	20	500	20	500
Depth	27	675	27	675	40	1020	40	1020	51	1300	51	1300
Overall dimensions												
Width	35	900	35	900	35	900	35	900	35	900	35	900
Height	72	1824	72	1824	72	1824	72	1824	72	1824	72	1824
Depth	39	995	40	1009	53	1342	53	1355	64	1622	64	1635
	cu.ft	/										
Chamber volume	6	167	6	167	9	252	9	252	11	321	11	321
Power (kW)												
Without steam generator (V models)	2		2		2		2		2		2	
With steam generator (E models)	21		21		21		21		21		21	

(*) MATACHANA offers the possibility to adapt the chamber's dimensions according to customer needs.

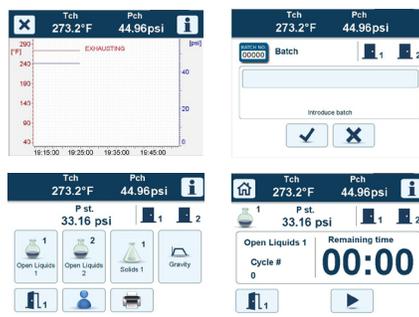
Options

- Low temperature programs, with adjustable temperature between 158 and 219 °F (70 and 104 °C).
- Special Animal Feed Cycle for reducing the loss of proteins during the sterilization. The cycle also avoids the solidification of feed and minimize the humidity inside the bag during the process.
- Air treatment system through a 0.2 μ self sterilizable filter condensate line and condensates treatment inside the chamber, for potentially biocontaminated areas and material (ex. BSL-2, BSL-3 zones, etc.).
- Halogen gas leak tight cross contamination seals on double door units.
- Tri-Clamp Connections on all piping network to ease the services.
- Stainless steel orbital welded piping.
- VHP port connectors.
- Graphic video-recorder for pressure and temperatures.
- Connecting to external cooling system with substantial water savings and reduced cycle time.
- Natural cooling or by jacket flooding + sterile air counter pressure for Open Liquids Programs.
- 21 CFR part 11.
- Touch screen command at unloading side.
- EN 285 (applicable requirements).
- Special options: upon request.

All our sterilization equipment can be provided with options and accessories that allow maximum use of natural and energy resources (water, air, power energy and steam) with systems that enable the following connection to a distribution system by means of cool water ring from the center for recovery and cooling water vacuum system for a minimum water consumption and maximum performance of the vacuum system.

All the power of technology applied to sterilization

- Working with the sterilizer is very simple. The user operates the unit from the touch screen. From a Main Menu screen, the operator is guided through several Sub-menus, so as to perform the required operations.
- The cycle can be monitored directly from the screen, as it allows the graphical display of the process in "real time".
- The microcomputer is ready for Teleservice option ("on line" remote maintenance) and has access ports for PC connection.





MATACHANA GROUP

Innovation is the way forward

Since our foundation more than 50 years ago, our mission has been to provide the best service, bringing our knowledge and field experience to our customers to facilitate their daily work, allowing them to be efficient in the production whereas keeping rigorously the quality.

Our history has taken us from the beginnings in 1962 to the transformation in 2000 in MATACHANA GROUP, with its subsidiaries in Germany, France, Argentina, Malaysia and China, as well as the collaboration of direct distributors in over 110 countries.

In MATACHANA GROUP we are aware that Training and Service contribute decisively to achieve customer satisfaction. For this reason, we have always invested in the development of these two areas of activity, which enables a direct contact with customers and help us to develop together a continuous improvement process.

Technical Assistance Service

A service of engineers, highly skilled expert technicians and support staff, all committed to ensure the proper equipment operation and condition.

Training Academy



Committed to the responsibility to obtain the optimum operation from our equipment, in MATACHANA GROUP we invest in the training of future users.

In addition, we offer training courses regularly in the 5 continents, providing this service to all our customers.

Environmentally friendly

The sterilizers are designed and manufactured using the latest technologies on the market to achieve the best results in terms of energy savings and reduction in water consumption.

Our Production Center complies with the ISO 14001 Environmental Management System and ISO 50001 Energy Management Systems.

Quality

The MATACHANA devices are developed, manufactured and tested within a strict quality control according to the International Standard ISO 9001.