



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

**5000132518 FURNISH LABOR, MATERIALS AND EQUIPMENT TO
INSTALL ONE NEW X-RAY INSPECTION SYSTEM AND ONE NEW WALK-
THROUGH MULTI-ZONE DETECTOR FOR THE JEFFERSON PARISH
DEPARTMENT OF GENERAL SERVICES**

Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

22-Oct-2020 11:51:37 AM



BID 50-00132518

**FURNISH LABOR, MATERIALS AND EQUIPMENT TO SUPPLY AND
INSTALL ONE (1) NEW X-RAY INSPECTION SYSTEM AND ONE (1)
NEW WALK-THROUGH MULTI-ZONE DETECTOR FOR THE
JEFFERSON PARISH DEPARTMENT OF GENERAL SERVICES**

November 19, 2020 @ 2:00 P.M.

ATTENTION VENDORS!!!

**Please review all pages and respond accordingly, complying with all
provisions in the technical specifications and Jefferson Parish Instructions
for Bidders and General Terms and Conditions. All bids must be received in
the Purchasing Department by the bid due date and time.**

Jefferson Parish Purchasing Department

200 Derbigny Street, Suite 4400

Gretna, LA 70053

Please Email Any Questions To:

Donna Evans

DMEVANS@JEFFPARISH.NET

504-364-2691

DATE: 10/21/2020

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00132518

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

BUYER: DMEVANS@jeffparish.net

BIDS WILL BE RECEIVED ONLINE VIA WWW.JEFFPARISHBIDS.NET UNTIL 2:00 PM, 11/19/2020 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053 AND VIA TELECONFERENCE (DIAL-IN AT (504) 323-1800, (MEETING ID: 181357) At no charge, bidders are to submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2602(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647 as amended.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the buyer's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA — R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns 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 Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and, unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 as amended. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE

5,6,10,13,15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
3. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies) When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON-PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA - RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON-PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted with bid submission. Failure to submit applicable certifications with bid submission will result in bid rejection.
17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owned on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

BID NO.: 50-00132518

BID FORM
Non-Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12-month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO XMAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF N/A.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

XR3D-SOS (x-ray) 8-12 weeks
HIPERWS P/Z 2-3 weeks.

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable)

(N/A)**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME:

PERMICA INC.

ADDRESS:

7324 SW 48th Street.

CITY, STATE:

Miami, Florida

ZIP:

33155.

TELEPHONE:

(305) 668 0771

FAX:

(305) 668 0719

EMAIL ADDRESS:

antonio@permica.com.

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: #1 (Nov, 16, 2020).

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$

\$40,610⁰⁰

AUTHORIZED

SIGNATURE:

[Signature]

TITLE:

General ManagerAntonio Navarro.

Printed Name

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the electronic envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00132518

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	EA	<p>FURNISH LABOR, MATERIALS AND EQUIPMENT TO SUPPLY AND INSTALL ONE (1) NEW X-RAY INSPECTION SYSTEM AND ONE (1) NEW WALK-THROUGH MULTI-ZONE DETECTOR FOR THE JEFFERSSON PARISH DEPT OF GENERAL SVCS</p> <p>0010 - HI-SCAN 5030si X-RAY INSPECTION SYSTEM TO INCLUDE THE FOLLOWING:</p> <ul style="list-style-type: none"> * 24" LCD MONITOR * CART * OPERATOR KEYBOARD * SOFTWARE: HI-SPOT -AUTOMATIC DENSE AREA DETECTION HI-TRAX -IMAGE ENHANCEMENT FUNCTIONS HI-MAT - MULTI-ENERGY FOR MATERIAL IDENTIFICATION BY COLOR * OPERATOR MANUAL * 12-MONTH STANDARD WARRANTY * 2-HOUR OPERATOR ORIENTATION BY FIELD SERVICE TECHNICIAN * ADVANCED SOFTWARE OPTIONS PACKAGE: IMAGE STORE SYSTEM - DIGITAL IMAGE MANAGEMENT HI-TIP PLUS - THREAT IMAGE PROJECTION HIGH DENSITY ALERT - AUTOMATIC MARKING OF SUSPICIOUS OBJECTS XPORT - AUTOMATIC IMAGE TRANSMISSION OTS XTRAIN - OPERATOR TRAINING <p>ITEM #: 11128856</p>		
2	1.00	EA	<p>0020 - 1/2-METER INPUT ROLLER 5030si</p> <p>ITEM #: 11117812</p>	\$22,510	\$22,510
3	1.00	EA	<p>0030 - 1/2-METER OUTPUT ROLLER 5030si</p> <p>ITEM #: 11117811</p>	\$900	\$900
4	1.00	EA	<p>0040 - ON-SITE EXTENDED WARRANTY WITH PREVENTATIVE MAINTENANCE TO INCLUDE:</p> <ul style="list-style-type: none"> * ON-SITE SERVICE COVERAGE 8:30AM TO 5:00 PM, MONDAY TO FRIDAY * ALL LABOR, TRAVEL TIME AND TRAVEL EXPENSES * ALL REPLACEMENT PARTS REQUIRED * UNLIMITED ACCESS TO 24/7 TECHNICAL SUPPORT * ANNUAL PMI AND RADIATION LEAK SURVEY ONE YEAR INCLUDED - OPTIONAL FIVE YEARS TOTAL <p>ITEM #: OSPM-5030</p>	<p>\$900</p> <p>Year 1: (included)</p> <p>Years: 2, 3, 4, 5</p> <p>\$9,000.</p>	<p>\$900</p> <p>Year 1: (included)</p> <p>Years: 2, 3, 4, 5</p> <p>\$9,000</p>
5	1.00	EA	<p>0050 - SHIPPING & HANDLING FOR 5030si X-RAY INSPECTION SYSTEM</p>	\$2,900	\$2,900.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00132518

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
6	1.00	EA	0060 - INSTALLATION OF 5030si, RADIATION LEAK SURVEY, AND OPERATOR ORIENTATION.	\$ 900	\$ 900
7	1.00	EA	0070 - HIPE PLUS/PZ WALK THROUGH METAL DETECTOR, ITEM #: CEIA-211	\$ 3,200	\$ 3,200
8	1.00	EA	0080 - SHIPPING & HANDLING FOR HIPE PLUS/PZ WALK THROUGH METAL DETECTOR	\$ 300	\$ 300
9	1.00	EA	0090 - INSTALLATION FOR HIPE PLUS/PZ UNIT INSTALLATION AND OPERATOR ORIENTATION. *	\$ 0	\$ 0
			NEEDED FOR BUILDING SECURITY AT THE NEW EMPLOYEE ENTRANCE TO THE GOVERNMENT COMPLEX. (COVID-19 RELATED)	*Installation included with the purchase of the X-Ray Machine	
			REF NO. 8143 20		
			ORDERED BY/FOR: T.HOSKINS		
			CONTACT: J.P. GENERAL SERVICES ATTN: TIM HOSKINS 960 1ST STREET GRETNA, LA 70053 (504)364-3470		
10.			Thermal Detection Unit for HIPE PLUS P/Z for automatic detection of High Body Surface temperature (optional)	\$ 3,300	\$ 3,300.

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Pemica Inc.
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Pemica Inc.
INCORPORATED, DULY NOTICED AND HELD ON 6/15/1999.,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Antonio Navarro., BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.



SECRETARY-TREASURER

11/19/2020.

DATE

Non-Public Works Bid Affidavit Instructions

- Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.
- Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.
- Affidavit must be notarized or the affidavit will not be accepted.
- Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.
- Affiant **MUST** select either A or B when required or the affidavit will not be accepted.
- Affiants who select choice A must include an attachment or the affidavit will not be accepted.
- If both choice A and B are selected, the affidavit will not be accepted.
- Affidavit marked N/A will not be accepted.
- It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.

Instruction sheet may be omitted when submitting the affidavit

Non-Public Works Bid

AFFIDAVIT

STATE OF Florida

PARISH/COUNTY OF Miami-Dade

BEFORE ME, the undersigned authority, personally came and appeared: Antonio
Navarro, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized General Manager of Pemica Inc. (Entity),
the party who submitted a bid in response to Bid Number 500032518, to the Parish of
Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required
attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including
the date and amount of each contribution, made to current or
former elected officials of the Parish of Jefferson by Entity,
Affiant, and/or officers, directors and owners, including
employees, owning 25% or more of the Entity during the two-year
period immediately preceding the date of this affidavit or the
current term of the elected official, whichever is greater. Further,
Entity, Affiant, and/or Entity Owners have not made any
contributions to or in support of current or former members of the
Jefferson Parish Council or the Jefferson Parish President through
or in the name of another person or legal entity, either directly or
indirectly.

Choice B X there are NO campaign contributions made which would require
disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

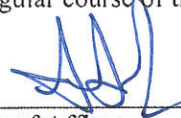
Choice B X There are NO debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.



Signature of Affiant

Antonio Navarro

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 10 DAY OF Nov., 2020.

Mayelin Bruna

Notary Public

Mayelin Bruna

Printed Name of Notary

GG364317

Notary/Bar Roll Number



My commission expires 9/9/2023

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability, Workmen's Compensation Insurance and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

☑ WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

☒ **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

☒ **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required unless otherwise specified in the bid. Such insurance is due upon contract execution.

1) **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

2) **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

September 2020

Changes to Jefferson Parish Bidding Information

The Jefferson Parish Purchasing Department would like to make vendors aware of the following changes:

Total Bid Price Must Include the Cost of Naming Jefferson Parish as Additional Insured:

Bidder acknowledges that Bidder recovered the cost of any required insurance in the contract price as required by La.R.S. 9:2780.1 and that Bidder recovered any such cost for the purposes of insuring an obligation to indemnify Jefferson Parish, defend Jefferson Parish, or hold Jefferson Parish harmless and that Bidder's indemnity liability is limited to the amount of the proceeds that are payable under the insurance policy or policies that Bidder has obtained.

Electronic Procurement: Beginning November 1, 2020, Jefferson Parish will no longer accept manual bid submissions; and will only accept bid submissions electronically via our e-Procurement system, Central Bidding. Central Bidding can be accessed by visiting either www.centralbidding.com or www.jeffparishbids.net. All bidders will be required to register with Central Bidding. Jefferson Parish vendors are able to register for free by accessing the following link:
<https://www.centralauctionhouse.com/registration.php>.

Probable Construction Cost: Per Jefferson Parish Administrative Policy, the probable construction cost is not revealed in the Jefferson Parish Bidding Documents. Jefferson Parish Administrative Policy has changed and a range of the probable construction cost will be stated in the Jefferson Parish bidding document, entitled Important Notice to All Bidders – Bid Requirements. Per Louisiana Public Bid Law, the probable construction cost will be read at the bid opening.

Insurance Requirement: All bidders must provide proof of valid insurance in the required amounts as stated in the Standard Insurance Requirements for bidding purposes. Failure to provide the proof of valid insurance in all of the required coverage amounts will result in bid rejection.

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JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

October 2020

PURCHASING DEPARTMENT ANNOUNCEMENT

Public Access to the General Government Building and Joseph S. Yenni Building:

Jefferson Parish Government buildings are open to the public. Due to COVID-19 safety precautions, all visitors will be required to wear a mask or face covering and undergo a temperature screening prior to entry.

Bid Openings:

All bids will be publicly opened at the West Bank location and via teleconference at 2:30 p.m., by calling the following number:

Dial-in Number: (504) 323-1800

Meeting ID: 181357

Bids will be accepted through Central Bidding or manual submission. Manually-submitted bids can be delivered to either Purchasing office location; however, if submitting bids on the day of the bid opening, bidders must submit at the West Bank location. Manually-submitted bids will only be accepted until October 31, 2020 for bids opening before November 1, 2020. Bids will be received until 2 p.m. The bid opening teleconference will begin at 2:30 p.m. on each bid opening date.

If you have any questions, please contact the Purchasing Department at (504) 364-2678 or e-mail purchasing@jeffparish.net for assistance.

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SUPPLY AND INSTALL ONE (1) NEW HI-SCAN™ 5030SI X-RAY INSPECTION SYSTEM AND ONE (1) NEW ENHANCED WALK-THROUGH MULTI-ZONE METAL DETECTOR

Section 1.0 – Scope:

We extend this bid to supply all labor, materials, transportation, programming, shipping, packaging/crating and all other incidentals necessary to supply and install one (1) new HI-SCAN™ 5030SI x-ray inspection system and one (1) new HI-PE Enhanced Walk-Through Multi-Zone Metal Detector at the Jefferson Parish General Government Building located at 200 Derbigny Street, Gretna, LA 70053.

Section 2.0 – Quantities/Inspection:

Bidders shall inspect each location and perform their own measurements in order to determine the proper quantity of labor and materials required to fulfill this contract.

Section 3.0 – Submittals:

The following information shall be provided with bid submission. Failure to provide the requested information with your bid will result in the bid being deemed non-responsive.

- Manufacturer's catalog data
- Detail sheets
- Specifications of product
- Warranty information

SECTION INTENTIONALLY LEFT BLANK

Section 4.0 – Bid Specifications HI-SCAN™ 5030SI x-ray inspection system:

- Supply and install one (1) new HI-SCAN™ 5030SI x-ray inspection system with rolling cart.
- Install One (1) new bidder supplied 19" LCD hi resolution monitor.
- Install One (1) new bidder supplied manufacturer approved operator key board.
- Install One (1) new bidder supplied and programmed advanced software with the following options:
 - HI-TIP: Threat Image Projection
 - X-train: Operator training system
 - IMS: Electronic image storage and
 - Archive including copy function of
 - Images in TIF or JPG format to USB
 - Storage device IMS (Image Management System)
- Install new bidder supplied 2 meter roller table on discharge side of machine.
- Plug in new x-ray machine to existing electrical circuits.
- Replace existing receptacle to match new plug. (If applicable)
- Properly level machine.
- Commissioning of new x-ray system shall be performed with an owner's representative present.
- An annual preventative maintenance inspection and radiation leak survey shall be performed twelve (12) months from the substantial completion date.
- Provide a one (1) year parts and labor warranty.

Section 4.1 – Bid Specifications HI-PE Plus Enhanced Walk-Through Multi-Zone Metal Detector:

- Assemble and install one (1) new bidder supplied HI-PE Plus or owner approved equal Enhanced Walk-Through Multi-Zone Metal Detector.
- Connect new walk through multi-zone metal detector to existing electrical circuits.
- Properly level metal detector.
- Multi-Zone Metal Detector shall be ADA compliant.
- Commissioning of new walk through multi-zone metal detector shall be performed with an owner's representative present.
- Set parameters on metal detector with owner's representative.

Section 5.0 – Four (4) Year Parts and Labor Warranty with Preventative Maintenance and radiation leak survey:

- Provide a four (4) year extended warranty and preventative maintenance contract on new machine.
- The preventative maintenance inspection and radiation leak survey shall include but is not limited to the following:
 - Travel time
 - Travel expenses
 - Freight
 - Replacement parts
 - Labor
 - Shipping
 - Inspect condition of all doors, panels, fenders, safety/jump rollers and lens covers.
 - Inspect condition of all conveyor belts for damage, proper tracking/tension and alignment/leveling.
 - Check for oil leaking from motors or excessive noise from belt. Recommend replacement, if needed.
 - Check and replace defective x-ray on indicators.
 - Open system and check internal condition.
 - Clean dust and dirt from PI Board, Power Supply fans, XRC, LIF and Light barriers.
 - Gently clean the light barrier transmitter and receiver Diodes from the inside of the tunnel.
 - Check the inside of the tunnel and remove any foreign material stuck to inside walls, plastic collimator cover and under the conveyor belt.
 - Perform a full alignment of the X-Ray generator. Adjust the offset and gain of the LIF board either mechanically (LIF 1 units) or via the software (LIF 3 units).
 - Check the high voltage, anode current and heater current values and make adjustments, if necessary.
 - Check the AC line voltage, proper grounding at the AC outlet and the low voltage DC power supply.
 - Check all cables and tighten loose connections.
 - Test and verify that all emergency stops are working properly.
 - Verify that all keyboard controls and buttons are working properly.
 - Test operator foot mat and clean optical attendant sensor and test for proper alignment. (Optional Devices may not be present on all systems). (If applicable)
 - Check, clean and align the VGA monitor.
 - Open all panels/covers for the x-ray conveyor system and remove all debris from the rollers, motor and covers/panels.
 - Perform radiation leakage safety survey.

Section 6.0 Unit Description:

HI-SCAN™ 5030si X-ray Inspection System:

- Tunnel dimensions 530 (W) x 320 (H) [mm] • 20.9" (W) x 12.6" (H)
- Max. object size 530 (W) x 320 (H) [mm] • 20.9" (W) x 12.6" (H)
- Conveyor height approx. 190 mm (7.4") / 782,5 mm (30.6") with carriage
- Conveyor speed at mains frequency approx. 0.18 / 0.22 [m/s] 50 Hz / 60 Hz
- Max. conveyor load (evenly distributed) 60 kg (132 lbs.)
- Resolution (wire detectability) Standard: 38 AWG (0.1 mm) • typical: 39 AWG (0.09 mm)
- Resolution (wire detectability) Typical: 44 AWG (0.05 mm)
- Penetration (steel) Standard: 14 mm • typical: 16 mm
- X-ray dose (typical) HI-MAT: 0,8 µSv (0.08 mrem)
- Film safety Guaranteed even for high speed films up to ISO 1600 (33 DIN)
- Duty cycle 100 %, no warm-up procedure required

X-ray Generator

- Anode voltage • cooling 100 kV cp • hermetically sealed oil bath
- Beam direction diagonal

Image Generating System

- X-ray converter L-shaped detector line, high resolution
- Grey levels stored 4096
- Image presentation B/W, color
- Digital video memory 1280 x 1024 / 24 bit
- Image evaluation functions B/W, HIGH, LOW, NEG, VARI-MAT, O2 , OS electronic zoom: stepless enlargement up to 16-times
- Monitor Flat Panel LCD Monitor

Additional Features

- Luggage counter, user-id number, display of operating mode, REVIEW-feature to recall previously visible image areas , zoom overview, free programmable keys
- HI-TIP, HI-SPOT, SEN, Xport, X-ACT, IMS (Image Management System)

Installation Data

- X-ray leakage meets all applicable laws and regulations with respect to X-ray emitting devices
- CE-labelling in compliance with directives 2004/108/EC, 2006/42/EC, 2006/95/EC
- Sound pressure level < 56 dB(A)
- Operating- / storage temperature 0° - 40°C / -20°C - +60°C
- Humidity 10% - 90% (non-condensing)
- Power supply standard: 110 VAC +10% / -15% • 50 Hz / 60 Hz ± 3 Hz
- Power consumption approx. 0.4 kVA
- Protection class system / keyboard
- Dimensions 47.3" (L) x 27.7" (W) x 28.6" (H) • approx. 352 lbs.

Section 6.1 Unit Description: Continued

HI-PE Plus Enhanced Walk-Through Multi-Zone Metal Detector:

Features

- Compliant with the strictest detection and discrimination standards for EMDs (Enhanced Metal Detectors).
- 4 display bars each programmable as zone indicators and/or pacing lights.
- 60 localization zones (20 vertical x 3 lateral) with left, center and right indication.
- Chip Card Reader
- Bluetooth, infrared and RS-232 communication
- Programmable Random Alarm capability
- 3-Level Password and hardware key access protection
- Met-Identity technology (separate Ferrous and Non-Ferrous alarm signaling)
- One Touch Automatic Self Installation (OTS)
- Automatic Operational Functional Verification (OFV)
- Automatic Vibration Compensation (AVS, EVA)
- Automatic Channel Search (CS)
- Automatic Floor Gain Adjustment (FGA)
- Automatic Technical Functional Verification (TFV)
- Automatic Environmental Noise Compensation (ENA)
- Powered by safe low voltage DC
- Anti-tamper on/off switch
- High precision transit counter
- Minimum 32.3" passage width
- ADA Compliant
- Wide range of threat detection from guns to ½ cutter blade
- Automatic Environmental Noise Compensation (ENA)
- Excellent discrimination of personal metal effects
- Met-Identity technology identifies and signals the metal type in real time
- 60 localization zones (20 vertical x 3 lateral) with left, center and right indication
- High precision bidirectional counter with automatic rescreening compensation
- One touch automatic self-installation (OTS)
- Chip Card capability for fast, simple, and secure programming
- Automatic Operational Functional Verification (OFV)
- Random alarm capability programmable from 0% to 100%
- Automatic Vibration Compensation (AVS,EVA)
- Exceptional Immunity to external interferences
- Automatic Channel Search (CS)
- Powered by safe low voltage DC
- Automatic Floor Gain Adjustment (FGA)
- Standard Interfaces: RS-232, Bluetooth, Infrared
- Automatic Technical Functional Verification (TFV)
- Other available interfaces: Wi-Fi, Ethernet, USB
- Power Supply: 100...240V~ -10/+15%, 47...63Hz, 40 VA max
- Operating temperature: -4°F to 158°F (-35°F to 158°F upon request)
- Storage temperature: -35°F to 158°F
- Relative humidity: 0 to 95% (without condensation)

Section 6.1 Unit Description: Continued**HI-PE Plus Enhanced Walk-Through Multi-Zone Metal Detector:**

- Multi-zone display bar for "height on person" localization
- 4 light bars with selectable entry/exit and pacing indication
- Green and red metering signals proportional to the mass of the detected target
- 10 selectable continuous and pulsed tone plus 34 special tones
- 10 selectable sound intensities ranging from 0 to 90 dbA at 1m
- 60 distinct zones (20 vertical x 3 lateral) entry and exit side
- Up to 50 built-in security programs (up to 30 International Standards, up to 20 Customizable Levels)
- Remote via RS-232, Infrared Remote Control Unit, Bluetooth or Ethernet 10/100 base T (option) interface
- Test Samples Kits Part # EMD-SK-GAL Part # EMD-SK-GDML

Section 7.0 – Hours of Work:

The work that is to be performed shall be scheduled during normal working hours Monday thru Friday 7:00 a.m. to 3:00 p.m.

Section 8.0 – Safety Precautions:

Safety precautions must be exercised at all times to safeguard the welfare and safety of the people while any work is being performed.

Section 9.0 – Start of Work Conference and Notice to Proceed:

A "Start of Work Conference" shall be held between the successful bidder and the owner prior to any work commencing.

No work shall be performed until the successful bidder receives a written "Notice to Proceed" to begin work, from the Department of General Services.



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

November 16, 2020

ADDENDUM #1

Bid Number: 50-00132518

Bid Opening Date: November 19, 2020

Description of Bid: FURNISH LABOR, MATERIALS AND EQUIPMENT TO SUPPLY AND INSTALL ONE (1) NEW X-RAY INSPECTION SYSTEM AND ONE (1) NEW WALK-THROUGH MULTI-ZONE DETECTOR FOR THE JEFFERSON PARISH DEPARTMENT OF GENERAL SERVICES

REVISION:

Questions and Answers:

Question 1:

Will the installation site have a Wi-Fi or wired network available for the X-ray machine to connect?

Answer to question 1:

No

Question 2:

Is the Keyboard mandatory? Our system is operated through a High Definition Color Touchscreen monitor, however a keyboard is also available.

Answer to question 2:

Yes

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PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

Question 3:

Please confirm roller tables requirements. In the bid form, pg. 6 (pricing form), items 2 and 3 specify ½-meter entry/exit roller tables. Section 4.0 of the scope of work mentions a 2-meter table for the discharge side of the machine, no information for the entry side.

Answer to question 3:

See revised section 4.0

Question 4:

Is there a loading dock available?

Answer to question 4:

No

Question 5:

Are there height restrictions on loading dock?

Answer to question 5:

No loading dock available

Question 6:

Is there a fork lift available on site?

Answer to Question 6:

No

Revisions to specifications:

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Question 7:
What size monitor is requested?

Answer to question 7:
See revised Section 4.0 in addendum 1

Question 8:
What roller beds are requested?

Answer to Question 8:
See revised Section 4.0 in addendum 1

Question 9:
What Steel Penetration is needed?

Answer to question 9:
Standard 14mm, Typical 16mm

Please remove existing Section 4.0 – Bid Specifications HI-SCAN™ 5030SI x-ray inspection system from the bid and replace with the below Section 4.0:

Revised Section 4.0 – Bid Specifications HI-SCAN™ 5030SI x-ray inspection system:

- Supply and install one (1) new HI-SCAN™ 5030SI x-ray inspection system with rolling cart.
- Install One (1) new bidder supplied 19" LCD hi resolution monitor
- Install One (1) new bidder supplied manufacturer approved operator key board.
- Install One (1) new bidder supplied and programmed advanced software with the following options:
 - HI-TIP: Threat Image Projection
 - X-train: Operator training system
 - IMS: Electronic image storage and
 - Archive including copy function of
 - Images in TIF or JPG format to USB
 - Storage device IMS (Image Management System)

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PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

- Install two (2) new bidder supplied 1/2-meter roller tables on in-let and out-let side of machine
- Plug in new x-ray machine to existing electrical circuits.
- Replace existing receptacle to match new plug. (If applicable)
- Properly level machine.
- Commissioning of new x-ray system shall be performed with an owner's representative present.
- An annual preventative maintenance inspection and radiation leak survey shall be performed twelve (12) months from the substantial completion date.
- Provide a one (1) year parts and labor warranty

Sincerely,

Donna M. Evans

Donna M. Evans
Buyer II

Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of This addendum on the bid form as indicated. Failure to do so will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

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Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. temica Inc.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____ <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	5 Address (number, street, and apt. or suite no.) See instructions. 7324 SW 48th Street.	Requester's name and address (optional)
6 City, state, and ZIP code Miami, Florida, 33155.		
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.


Social security number									
				-				-	
or									
Employer identification number									
6	5	-	4	0	2	1	2	6	6

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶ 	Date ▶ 11/19/2020.
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)
10/26/20

PRODUCER Procom Insurance Underwriters
4909 SW 74th Ct.
Miami, FL 33155
Phone (305) 740-4460 Fax (305) 740-4469

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED PEMICA, INC.
7324 SW 48 STREET
MIAMI, FL 33155
305-668-0771

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: BLACKBOARD INS. CO	26611
INSURER B: TECHNOLOGY INSURANCE CO	42376
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/>	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> 0 BI/PD DED <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	WWF00001HIBP-44276-01	05/26/2020	05/26/2021	EACH OCCURRENCE 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) 100,000 MED EXP (Any one person) 5,000 PERSONAL & ADV INJURY 2,000,000 GENERAL AGGREGATE 4,000,000 PRODUCTS - COMP/OP AGG 4,000,000
B	<input type="checkbox"/>	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON OWNED AUTOS <input type="checkbox"/> <input type="checkbox"/>				COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
	<input type="checkbox"/>	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/>				AUTO ONLY - EA ACCIDENT OTHER THAN EA ACC AUTO ONLY: AGG
	<input type="checkbox"/>	EXCESS / UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE AGGREGATE
B		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER / MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under SPECIAL PROVISIONS below OTHER	TWC3912128	09/23/2020	09/23/2021	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT 1,000,000 E.L. DISEASE - EA EMPLOYEE 1,000,000 E.L. DISEASE - POLICY LIMIT 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
WHOLESALE DISTRIBUTORS AND INSTALLATION OF ELECTRIC SCALE & METAL DETECTORS

CERTIFICATE HOLDER

CANCELLATION

PROOF OF INSURANCE

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
ISIDRO GUILLAMA



CERTIFICATE OF INSURANCE

SUCH INSURANCE AS RESPECTS THE INTEREST OF THE CERTIFICATE HOLDER NAMED BELOW WILL NOT BE CANCELED OR OTHERWISE TERMINATED WITHOUT GIVING 10 DAYS PRIOR WRITTEN NOTICE TO THE CERTIFICATE HOLDER, BUT IN NO EVENT SHALL THIS CERTIFICATE BE VALID MORE THAN 30 DAYS FROM THE DATE WRITTEN. THIS CERTIFICATE OF INSURANCE DOES NOT CHANGE THE COVERAGE PROVIDED BY ANY POLICY DESCRIBED BELOW.

This certifies that: ☒ STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY of Bloomington, Illinois
☐ STATE FARM FIRE AND CASUALTY COMPANY of Bloomington, Illinois
☐ STATE FARM COUNTY MUTUAL INSURANCE COMPANY OF TEXAS of Dallas, Texas
☐ STATE FARM INDEMNITY COMPANY of Bloomington, Illinois, or
☐ STATE FARM GUARANTY INSURANCE COMPANY of Bloomington, Illinois

has coverage in force for the following Named Insured as shown below:

NAMED INSURED: PEMICA INCORPORATED				
ADDRESS OF NAMED INSURED: 7324 SW 48 STREET, MIAMI, FL 33155-5523				
POLICY NUMBER	979 6771-E31-59J	G18 2448-C15-59D	C24 7135-B08-59E	D32 9675-A06-59C
EFFECTIVE DATE OF POLICY	08/08/20-11/30/20	09/15/20-03/15/21	08/08/20-02/08/21	08/06/20-01/06/21
DESCRIPTION OF VEHICLE (Including VIN)	20 NISSAN SENTRA VIN# 3N1AB8CV0LY265325	19 NISSAN SENTRA VIN# 3N1AB7APXKY235388	NON OWNED LIABILITY	20 NISSAN NV200 VIN # 1N6BPKY41N807975
LIABILITY COVERAGE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
LIMITS OF LIABILITY				
a. Bodily Injury				
Each Person	1,000,000	1,000,000		1,000,000
Each Accident	1,000,000	1,000,000		1,000,000
b. Property Damage				
Each Accident	1,000,000	1,000,000		1,000,000
c. Bodily Injury & Property Damage Single Limit				
Each Accident			1,000,000	
PHYSICAL DAMAGE COVERAGES	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
a. Comprehensive	\$ 500 Deductible	\$ 500 Deductible	\$ Deductible	\$ 500 Deductible
b. Collision	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO \$ 500 Deductible	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO \$ 500 Deductible	<input type="checkbox"/> YES <input type="checkbox"/> NO \$ Deductible	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO \$ 500 Deductible
EMPLOYERS NON-OWNED CAR LIABILITY COVERAGE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
HIRED CAR LIABILITY COVERAGE	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
FLEET - COVERAGE FOR ALL OWNED AND LICENSED MOTOR VEHICLES	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Signature of Authorized Representative: *Martinez* ADM ASSISTANT Title: 6675 Agent's Code Number: 10/14/2020 Date:

Name and Address of Certificate Holder

Name and Address of Agent

Proof of Insurance

C MARTINEZ STATE FARM AGENCY
878 S DIXIE HWY STE 100
CORAL GABLES, FL 33146



PRODUCT COMPARISON



VOTI *XR3D-50s*
DETECTION



Smiths Detection
Hi-Scan 5030si

Technical Specifications	VOTI XR3D-50s	Smiths Detection 5030si	Comments
			
GENERAL SPECIFICATIONS			
Tunnel Dimensions (W x H)	21.7" x 13.8"	21" x 13"	Exceeds
Maximum Object Size	21.0" x 12.8"	20.9" x 12.6"	Exceeds
Conveyor Height	30.0"	30.6"	Complies
Conveyor Speed	0.22 m/s	0.22 m/s	Complies
Maximum conveyor load	364 lbs.	132 lbs.	Exceeds
Resolution (CU wires)	Up to 42 AWG	Std: 38 AWG / Typ: 39 AWG	Exceeds
Steel Penetration:	Up to 30 mm	Std: 14 mm / Typ: 16 mm	Exceeds
X-ray dose 0.8 µSv (0.08 mrem)	✓	✓	Complies
Film Safety	ISO 1600 (33 DIN)	ISO 1600 (33 DIN)	Complies
Duty Cycle	100%, no warm-up required	100%, no warm-up required	Complies
X-RAY GENERATOR			
Anode Voltage:	140 kV / Sealed oil bath	100 kV / Sealed oil bath	Exceeds
Beam Direction	Diagonal	Diagonal	Complies
IMAGE GENERATION SYSTEM			
X-ray converter	L-shaped detector line – High resolution	L-shaped detector line – High resolution	Complies
Gray levels stored	4096	4096	Complies
Image presentation	Color, B/W	B/W, color	Complies
Digital video memory	1280 x 1024 / 24 bit	1280 x 1024 / 24 bit	Complies
Image evaluation functions	Pseudo, Color, Negative, Organic, Inorganic, B/W, Contrast control, Electronic zoom up to 64-times	B/W, HIGH, LOW, NEG, VARI-MAT, O2, OS, Electronic Zoom: stepless up to 16-times	Complies
Monitor	24" color LCD touch screen	Flat panel LCD monitor (19")	Exceeds
ADDITIONAL FEATURES			
Luggage counter	✓	✓	Complies
User-id number	✓	✓	Complies
Display of operating mode	✓	✓	Complies
REVIEW (recall previous images)	✓	✓	Complies
Zoom overview	✓	✓	Complies
Free programmable keys	✓	✓	Complies
HI-TIP	✓	VotiTIP	Complies
HI-SPOT	✓	VotiDENS	Complies
SEN	✓	IEE	Complies
Xport	✓	Archive	Complies

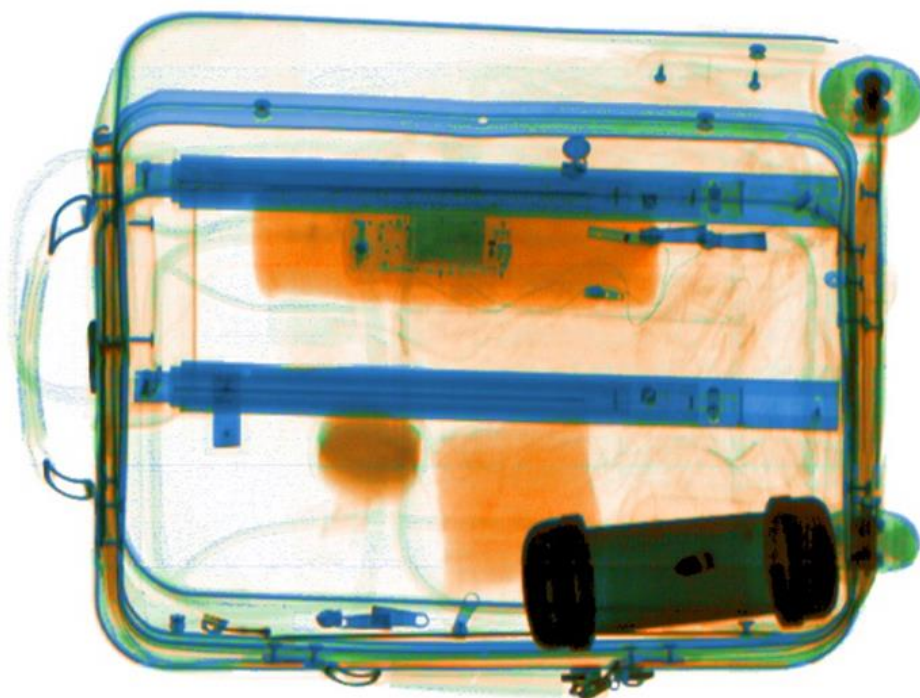
IMS (Image Management System)	✓	Archive	Complies
ADDITIONAL FEATURES (OTHER)			
3D Perspective dual energy imaging	✓	✗	Exceeds
Remote technical support	✓	✗	Exceeds
Auto-archiving (>200,000 sessions)	✓	✗	Exceeds
One-touch instant view of last 5 bags	✓	✗	Exceeds
25 cm shrouds	✓	Optional	Exceeds
Fully automatic, software-driven tube seasoning	✓	✗	Exceeds
INSTALLATION DATA			
X-ray Leakage meets all applicable laws and regulations with respect to X-ray emitting devices	✓	✓	Complies
CE-labelling in compliance with directives 2004/108/EC, 2006/42/EC, 2006/95/EC	✓	✓	Complies
Sound pressure level < 56 dB(A)	✓	✓	Complies
Operating- / storage temperature 00 - 400C / -200C - +600C	✓	✓	Complies
Humidity 10% - 90% (non-condensing)	✓	✓	Complies
Power supply standard: 230 VAC or VAC • 50 Hz/ 60 3 Hz	✓	✓	Complies
Power consumption approx. 0.4 kVA	✓	✓	Complies
Protection class system / keyboard IP 20/ IP 43	✓	✓	Complies
Dimensions:	58.1" (L) x 30.2" (W) x 53.1" (H) • approx. 860 lbs.	47.3" (L) x 27.7" (W) x 28.6" (H) • approx. 352 lbs.	Complies

VOTI's Competitive Edge – What Makes VOTI Different?

IMAGE QUALITY

3D Perspective™ technology evolves geometries and detection algorithms to **remove blind spots** and increase the visibility of threats for easier identification.

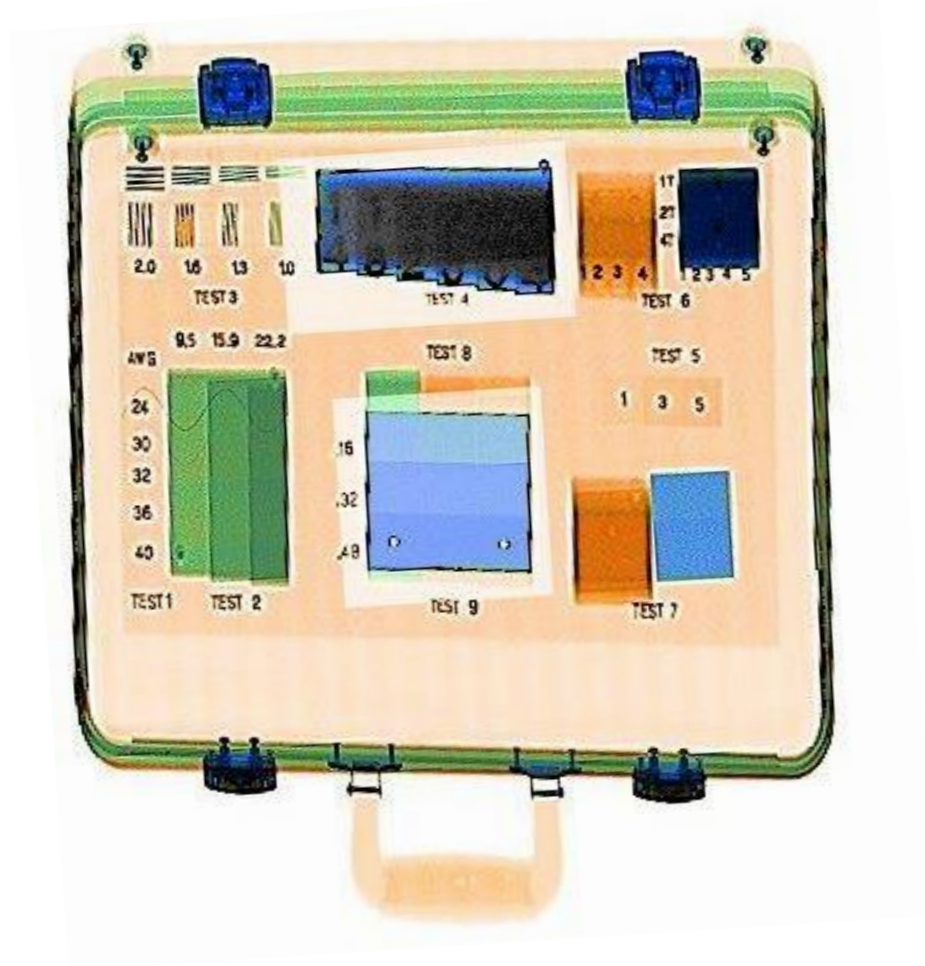
Smiths Detection Hi-Mat:



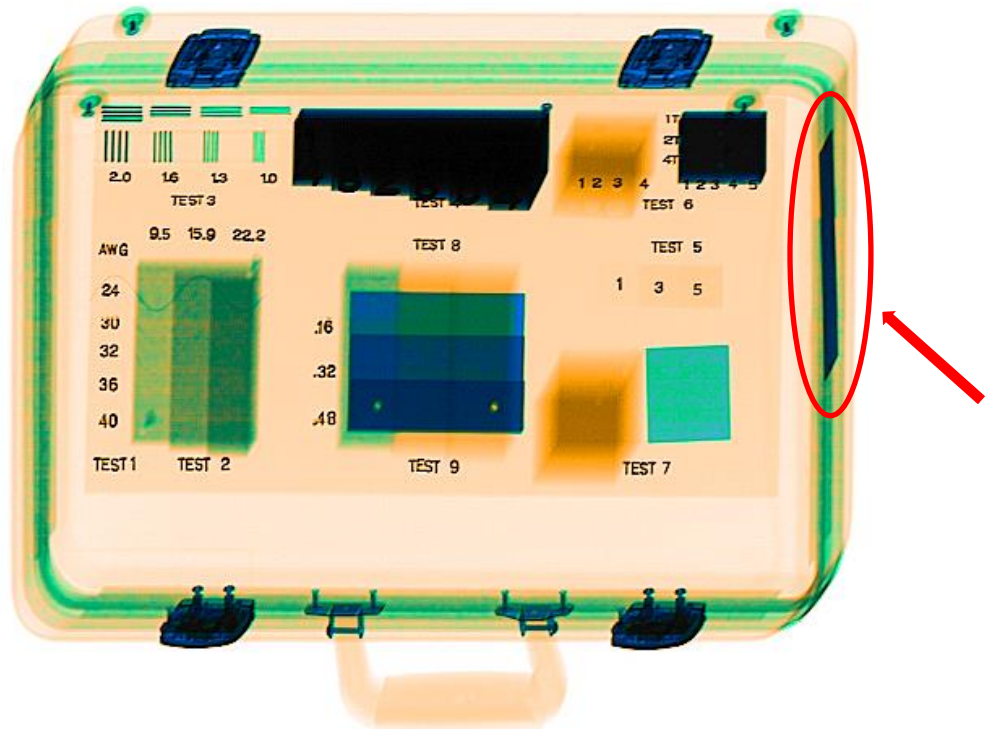
VOTI's 3D Perspective:



Smiths Detection Hi-Mat:

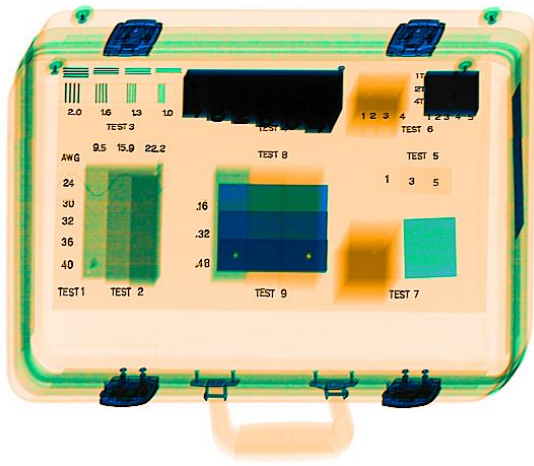


VOTI's 3D Perspective:



DYNAMIC CONTRAST ENHANCEMENT (PSEUDO-COLOR)

Displays the image in different shades depending on the thickness and density of the object. Pseudo triggers the Dynamic Contrast Enhancement algorithm. By default, a contrast sweep feature activates which is like displaying the item a layer at a time.



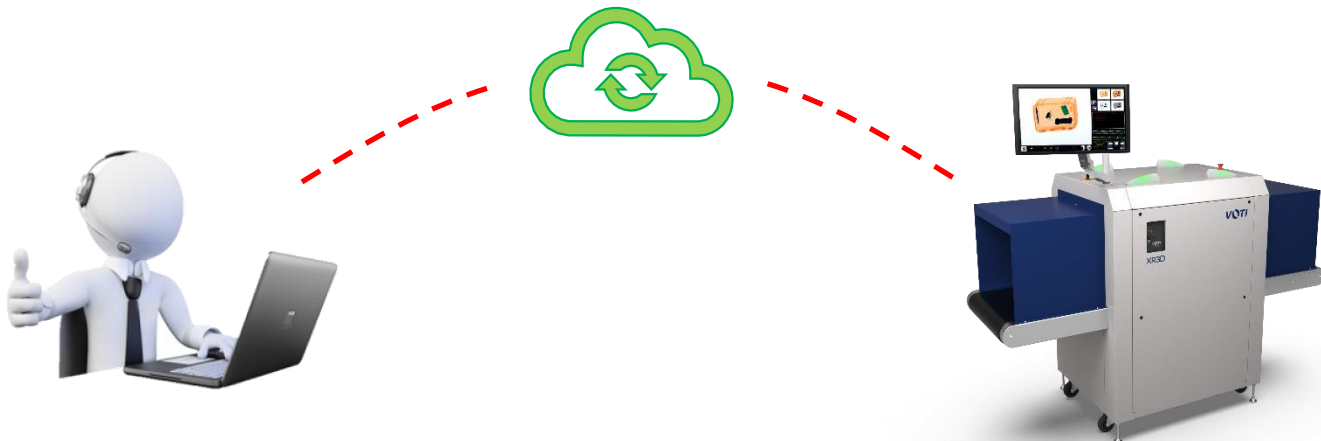
Color



Pseudo

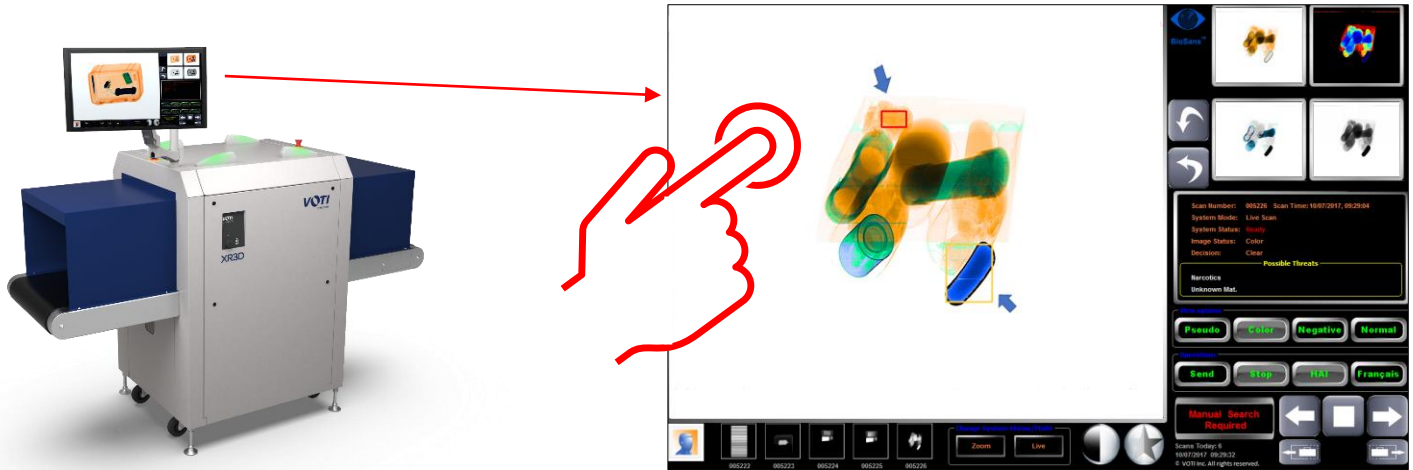
REMOTE DIAGNOSTIC, REPAIR AND UPDATE CAPABILITIES

- Network connection through:
 - Wi-Fi (including cellphone hot spot)
 - LTE (LTE stick required, not included)
 - Ethernet (Optional)
- Ability to determine root cause of issue (hardware or software) without having to send a technician
- Allows for less downtime, reducing the overall cost of ownership
- Effectively extends the relevancy of the product and prevents the scanner from becoming obsolete over its usable lifetime
- Repairs and updates can be pushed remotely, contributing to a lower cost of servicing



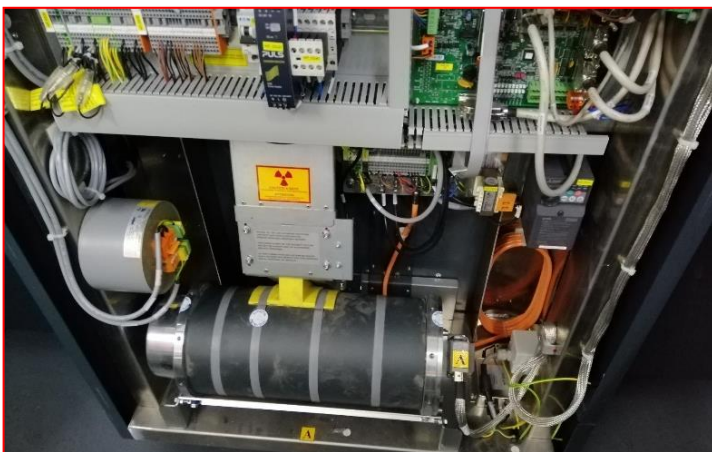
EASE OF USE

- **Touch screen control** keeps the operator's eyes up and on the screen at all times
- Easy to use, intuitive interface speeds up operator training and adoption
- Throughput efficiency optimized



ONLY 7 MAIN COMPONENTS

- Fewer points of failure
- Better performance
- Lower total cost of ownership



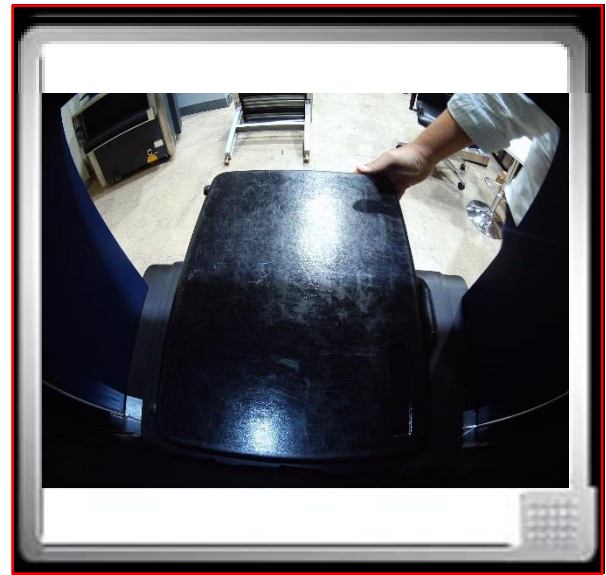
Smiths Detection – Hardware First Design



VOTI – Software First Design

INSTANT ARCHIVING

1. One-touch instant view of the last 5 images
2. Ability to store over 70,000 scans on the local drive for instant review
3. Includes:
 - 3.1 Operator ID
 - 3.2 Timestamp
 - 3.3 Object Photo (Optional)
4. Ability to export in native, raw format, enabling post-processing
5. Further capability to export images in various formats (.bmp, .jpeg)



(3.3)



(3.1)

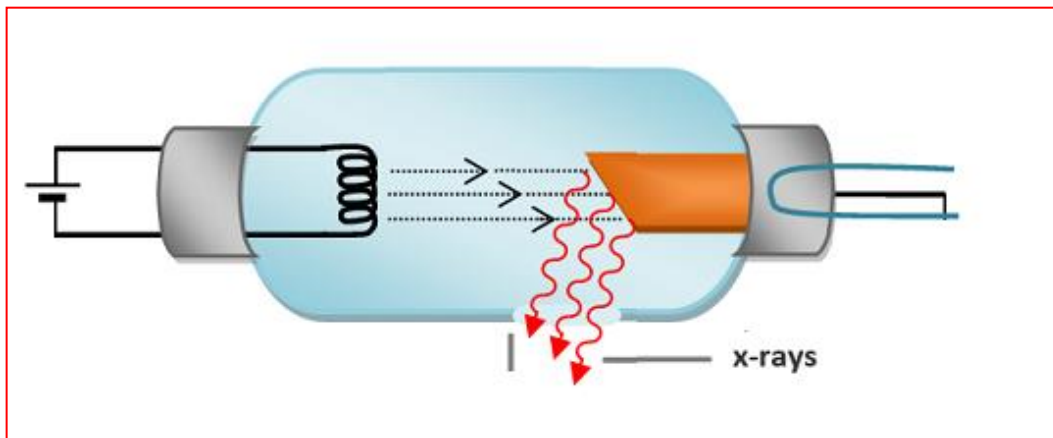
(1)

(3.2)

(4 & 5)

X-RAY TUBE AUTO-SEASONING

- System performs autonomous software-driven tuning – 5030si requires manual seasoning (Regeneration)
- No need to open any access panels – 5030si requires panels to be opened to access components to perform regeneration
- Major savings in relation to both cost and time – 5030si requires the presence of a technician to perform regeneration which translates to higher costs and longer response time
- Eliminates any physical “tube seasoning” process
- Avoids requirement for on-site service calls





IMAGES ARE SUBJECT TO CHANGE

Powerful 3D Perspective™ Technology

The XR3D-50s, powered by BioSans™, is an easy to operate, single view scanner that provides operators with extremely detailed, more revealing images, enhanced detection capabilities and a very low cost of ownership.

With a tunnel opening of 550 mm wide by 350 mm high (21.7" x 13.8"), the XR3D-50s is the ideal solution for tight spaces and a variety of usages such as critical infrastructures, transportation and border operations where screening of parcels, bags and mail is required.

VOTI's scanners employ innovative 3D Perspective™ technology to deliver exceptional threat detection capabilities. Through an advanced intuitive touch screen interface, operators can manipulate and enhance scanned images in a variety of ways to better pinpoint and evaluate potential threats. The overall threat detection process is enhanced by a suite of software guided tools and features, including extended and configurable threat libraries.

Product Highlights

- 3D Perspective™ Dual Energy Imaging
- Icon-Driven GUI with LCD Touch Screen
- Threat Alert and Material Classification
- One-touch, Instant View Last Five Bags
- Dynamic Pseudo Density Layering
- Multilingual Operation
- Auto-Archiving
- Network-Ready

General Specifications

Dimensions:	Length (L): 1477 mm (58.1")
	Height (H): 1349 mm (53.1")
	Width (W): 762 mm (30")
Conveyor height:	762 mm (30") from floor
Tunnel size:	550 mm x 350 mm (21.7" by 13.8")
Max. object size:	535 mm x 325 mm (21" by 12.8")
Conveyor speed:	0.22 m/s (44'/min.) variable speed, bi-directional
Conveyor load:	165 kg (364 lbs) max. evenly distributed weight
Approx weight:	390 kg (860 lbs)
System power:	110/240 VAC 10/5 A 50/60 Hz

X-ray Generator and Image Performance

Generator:	Single x-ray generator operating at 140 kV
Cooling:	Sealed oil bath
Orientation:	Diagonal upwards
Duty cycle:	100%
Detectors:	Dual energy silicone photo diodes for color coding and material classification
Wire resolution:	Up to 40 AWG
Steel penetration:	Up to 30 mm*

*As measured on VOTI proprietary test piece.

Computer Specifications

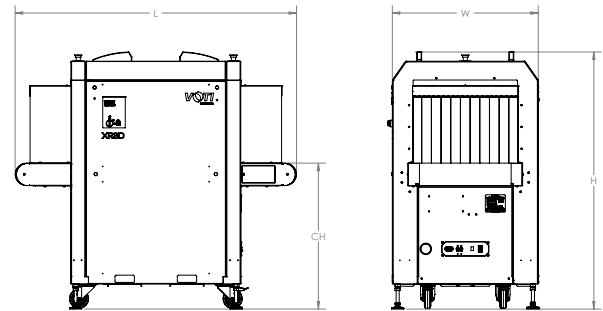
Networking:	WiFi/Ethernet/LTE options
Monitor:	24" colour LED touch screen Resolution: 1920 x 1080

Operating Environment

Storage temperature:	-20 to 60°C
Operating temperature:	+0 to 40°C
Relative humidity:	Up to 95% non-condensing

Certified to UL 61010-1, CAN/CSA 22.2 No. 61010-1-04, IEC 61010-1:2001
CE compliant: 2006/95/EC, 2006/42/EC, 2004/108/EC
FCC part 15
FDA title 21, CFR 1010.2
FDA title 21, CFR 1010.3
FDA title 21, CFR 1020.4
Health Canada RED Act & Safety Code 29
Maximum x-ray leakage: meets all applicable laws and regulations with respect to x-ray emitting devices
Film safety: ISO 1600/33 DIN

Dimensions



Standard Features

- 3D Perspective™ dual energy imaging
 - LCD touch screen
 - Multilingual operations
 - Remote technical support
 - Secure USB port for external storage available through BioSans™ software
 - Auto-archiving (>210,000 sessions)
 - One-touch instant view of last 5 bags
 - 25 cm shrouds
 - Fully automatic, software-driven tube seasoning
 - Network ready
 - Automatic built in test & self diagnosis
 - Scanned object counter
 - Archive management module
 - Administration module
 - Restricted secure access key
 - Bi-directional scanning
 - VotiIMAGE™
 - Image Edge Enhancement (IEE)
 - Black & white and inverse video
 - Variable contrast control
 - Digital zoom to 64x, pan and flip
 - Dynamic pseudo layering
 - VotiMAT™
 - Z^{eff} color image
 - Organic / inorganic stripping
 - Z^{eff} based calculation
 - VotiDENS™
 - Automatic High Density Alert (HDA)
- HD and VHD enhancement



Applications & Options

- Digital picture of objects scanned
- Extended roller tables
- Pressure sensitive mat
- Additional LCD touch screen
- Uninterruptible power supply (UPS)
- Power conditioner
- Stainless steel conveyor covers
- Operator console
- Monitor/console display stand
- Operator workstation
- VotiALERT™
 - Threat Detection Assistance with alerts for operator
 - Material Classification
 - Suspect Archive Tagging and Lookup
- VotiRAM™
 - Risk Assessment Management (RAM) module with customizable operation and detection parameters
 - 5 security Levels
- VotiTIP™
 - Threat Image Projection software
 - TIP management system software
- VotiPMD™
 - Auto-detection of precious metals such as gold and platinum
- VotiMAIL™
 - Dynamically adjust the signal strength of the x-ray generator to visualize low-density objects

These specifications are subject to change without notice.
XR3D-500-50s-EN-202005-27

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HI-PE Plus

ENHANCED WALK-THROUGH MULTI-ZONE METAL DETECTOR

- Accurate Detection of magnetic, non-magnetic and mixed-alloy metal weapons
- 60 localization zones:
 - 20 vertical • 3 lateral
- High Discrimination and Throughput
- Compliant with and Certified to the Strictest Security Standards for weapons detection
- Exceptional Immunity to external interferences
- Unmatched Reliability
- Rapid Installation

Applications

- ✓ Government Buildings
- ✓ Industries [Security]
- ✓ Nuclear Facilities [Security]
- ✓ Prisons [visitors]
- ✓ Public Events
- ✓ Amusement Parks
- ✓ Courts
- ✓ Cruise ships
- ✓ Data Processing Centers [EDP]
- ✓ Hotels
- ✓ Schools Security



www.ceia-usa.com

Threat Detection through Electromagnetics

CEIA USA, Ltd. All rights reserved. CEIA USA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale

HI-PE Plus Enhanced Multi-Zone Metal Detector

CEIA is proud to present the new HI-PE Plus Multi-Zone Metal Detector, a development of the well-established HI-PE model. Accurate detection of all metals, high level of discrimination, full compliance with the latest Security Standards and exceptional immunity to external interferences are among the main peculiarities of this new device.

Features



- Capability to detect the full range of metal weapon threats even within body cavities



- Met-Identity technology for Identification of Threat Composition

The most advanced Security Standards require detection of all ferrous and non-ferrous metal weapons and of those constructed in special non-magnetic alloys. The HI-PE Plus detects firearms and knives of this type, even when they are hidden within body cavities, and accurately indicate the position of the threat, its intensity and its prevalent composition. Inspection personnel thereby acquire thorough knowledge of the metal item and can act, according to procedures, with maximum effectiveness and security.



- 60 pinpointing zones with high resolution & precision:
 - 20 Vertical
 - 3 Lateral



MET-IDENTITY TECHNOLOGY

With Met-Identity technology, the HI-PE Plus allows you to know where, how much and what type of metal is being brought into the secure area.

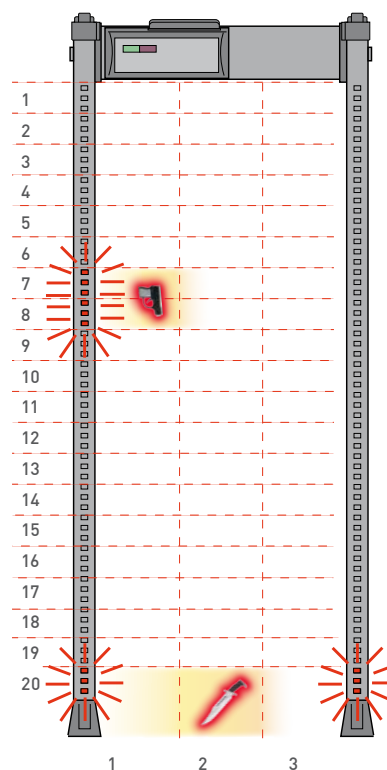


➤ FERROUS METAL

➤ NON FERROUS METAL

60 LOCALIZATION ZONES

with left, center and right indication



Benefits



- Cutting-edge discrimination technology allows personal effects to be ignored, creating rapid transit flow

The transit volume magnetic scanning system, invented by CEIA and applied since production of the first zonal Metal Detectors in 1986, allows state-of-the-art detection and discrimination results.

The HI-PE Plus has a very low nuisance alarm rate even at the strictest Security Levels requested today, and therefore allows high transit flow rates and the minimum need for intervention by inspection personnel.

ALARM



NO ALARM



Unique Alarm Signaling



- 4 Multi-Zone Display Bars, each programmable as entry Stop/Go and/or local alarm indication
- High visibility of the control unit and the zone indication independent from the operator position and the installation environment

Accurate signaling is essential for best operation and flow management. The HI-PE Plus provides the user with fully-programmable signaling. Both entry-points can indicate with a high level of accuracy, even simultaneously, the vertical and lateral areas of transit of the threats detected, and can also be configured as 'traffic lights' to control transits through the detector.



- Flexible Acoustic Alarm Signaling System:
 - ✓ 10 Continuous and Pulsed Tones
 - ✓ 34 Special Sounds
- 10 Acoustic Intensity Levels

A complete acoustic alarm system allows personalization of the alarm tones and intensities, with a wide choice of continuous, pulsed and special tones at different levels of intensity. The wide volume control dynamic allows operation even in very noisy environments.



- High Precision Transit Counter:

- ✓ In-Bound Transits
- ✓ Out-Bound Transits
- ✓ Alarm Rate
- ✓ Automatic Compensation for repeated transits of the same person

The Metal Detector provides an automatic count of the people passing through the access point in both directions and the related nuisance alarm percentage.



4 MULTI-ZONE DISPLAY BARS

Light bars indicate metal position vertically and laterally and can also show pacing lights.

HIGH PRECISION TRANSIT COUNTER

Two photocells fitted into the archway allow counting of transits, alarms and percentage of alarms.

HI-PE Plus Enhanced Multi-Zone Metal Detector

Most Powerful and Versatile Security Features



■ Up to 50 built-in Security Programs

- ✓ Up to 30 International Standards
- ✓ Up to 20 Customizable Levels

Setting the Security Levels could not be easier and more versatile than in the HI-PE Plus. Users can choose directly from the known International Standards or request implementation of a Standard personalized to their own requirements. Users can also create their own work program and save it in internal memory provided for the purpose.



■ Chip Card system for fast, simple and secure parameter changes [i.e. alarm volume and tone, counter reading, etc...] and security level selection

One unique characteristic of the CEIA Metal Detectors is the chip-card system, which allows the Head of Security to set the Security Level quickly, reliably and without having to program the device in any way.



CHIP CARD SYSTEM

Chip Card for automatic selection of Security Levels and parameter changes.



■ Any security standard can be enhanced with selectable random alarm probability



✓ Exceptional immunity to environmental interferences makes the Metal Detector easy to use even when electrical noise is encountered.

Rapid Installation



■ One touch guided automatic installation (OTS)

Innovative function assisting the installation through an automatic step-by-step procedure



■ Continuous self diagnostics assures monitored performance reliability

Communication Capabilities



TYPE OF OPERATION	Ethernet	USB	Infrared	Bluetooth	RS-232
Maintenance	○	○		■	■
Remote Control	○		■	■	■
Remote Data collection	○				

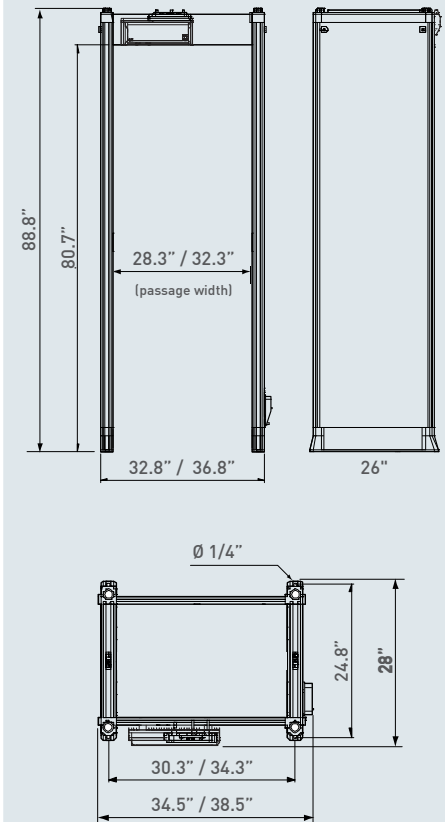
■ STANDARD ○ OPTION

Model Configuration

Features	HI-PE Plus/PZ
Compliant with the strictest detection and discrimination standards for EMDs (Enhanced Metal Detectors)	■
4 display bars each programmable as zone indicators and/or pacing lights	■
60 localization zones (20 vertical x 3 lateral) with left, center and right indication	■
Chip Card Reader	■
Bluetooth, infrared and RS-232 communication	■
High precision transit counter	■
Programmable Random Alarm capability	■
3-Level Password and hardware key access protection	■
Met-Identity technology (separate Ferrous and Non-Ferrous alarm signaling)	■
One Touch Automatic Self Installation (OTS)	■
Automatic Operational Functional Verification (OFV)	■
Automatic Vibration Compensation (AVS, EVA)	■
Automatic Channel Search (CS)	■
Automatic Floor Gain Adjustment (FGA)	■
Automatic Technical Functional Verification (TFV)	■
Automatic Environmental Noise Compensation (ENA)	■
Powered by safe low voltage DC	■
Anti-tamper on/off switch	■
Integrated web-server & logger (includes Ethernet and USB interface)	○
Weather resistant protection	○
Anti-vandalism, anti-tampering protection	○
IP65 protection (includes weather resistant and anti-vandalism options)	○
Embedded battery charger and under-voltage protection	○
Long life crossbar battery back-up	○
32.3" useful passage width	○

■ STANDARD ○ OPTION

Dimensions



UNDER THE ALARM THRESHOLD

- Small metal mass
- Medium metal mass

OVER THE ALARM THRESHOLD

- Medium metal mass
- Large metal mass

Green and Red Metering Signals Proportional to the Metal Mass Detected

HI-PE Plus Enhanced Multi-Zone Metal Detector

Options / Upgrade Kits

➤ Weather Resistant Protection

Kit for upgrading the standard version to outdoor applications according to IEC 60950-22; this kit includes shelters, crossbars, protection covers for power supply and IP67 mains power supply adapter.

- 28.3" passage width (part # 55630)
- 32.3" passage width (part # 55633)



➤ Anti-vandalism, Anti-tampering Protection

This option includes stainless steel control unit, IP67 mains power supply adapter, protection covers for power supply and antenna connection compartments, equipped with screws requiring tools for removal. Part # 55629



➤ IP65 Protection

This option includes the Weather Resistant and Anti-vandalism kits.

- 28.3" passage width (part # 55631);
- 32.3" passage width (part # 55632)

➤ 32.3" Useful Passage Width

Part # 55635

➤ Long life crossbar battery back-up

Crossbar battery back-up in stainless steel case. Provides up to 8 hours of autonomous working time.

Part # 55681



➤ Embedded Battery Charger and Under-voltage Protection

Anti-tamper on/off switch, RS-232 interface, battery charger with 12 hours mains disconnection diagnostic alarm.

Part # APSM2Plus/P



➤ Integrated Web-server & Logger, Battery Back-up and Charger

Anti-tamper on/off switch, RS-232, USB, 10/100 baseT Ethernet interface, data logger, real-time clock, integrated web-server, transit statistical data analysis, 20' internal battery back-up with 12 hours mains disconnection diagnostic alarm.

Part # APSiM2Plus/P



Accessories

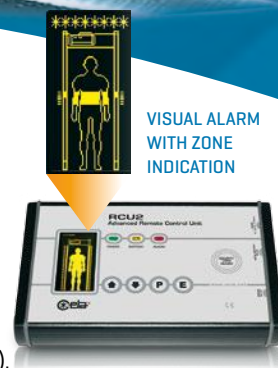
➤ Chip Cards

Chip cards for simple and secure selection of Security Levels and parameter setting. List of chip-cards available on request.



➤ RCU2

Control unit for full remote access, including alarm signaling and programming of CEIA Walk Through Metal Detectors (part # RCU2). The connection is performed via bluetooth (standard) or via cable connection (part # 3618).



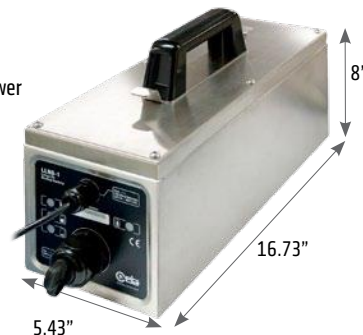
VISUAL ALARM
WITH ZONE
INDICATION

➤ MBSU-2

Independent, compact size, long life power supply in weatherproof stainless steel case, with embedded fast charger:

- 14 hours typical (10 hours minimum) continuous operation with HI-PE Plus
- 5 hours typical charging time.

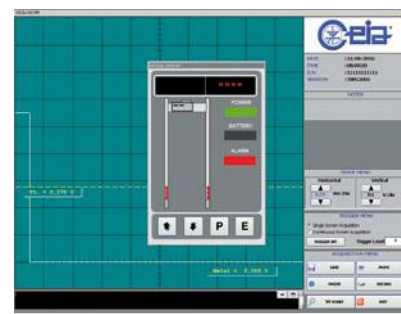
Part # MBSU-2



➤ MD-Scope2

Powerful, PC based installation and service software. Includes oscilloscope and terminal functionality (part # MD-SCOPE2).

The connection is performed via bluetooth (standard) or via cable connection (part # 3805).



➤ IRC-1

Infrared Remote Controller for wireless remote programming of the control unit.
Part # 47180



➤ Metal Detector Divesting Table FOR MANAGEMENT OF PERSONAL METAL BELONGINGS

- Standard length: 24" (Part # 18074)
- Extended length: 47" (Part # 39491)



➤ Upper Connection Module

This extension cable allows the connection of power supply and serial communication to personal computers or CEIA accessories, such as RCU-2. Part # 46650

➤ RRU

Remote relay unit (RRU) to repeat the detection alarms of the gate through a relay contact. The RRU module can be used for integration of the Metal Detector in interlocked door systems. Part # RRU

➤ Stainless Steel Deck Dolly

FOR LOCAL MOVING OF THE PANEL METAL DETECTOR GATE

- Robust construction in AISI 316L stainless steel
- Rubber-covered castor-type wheels for easy movement
- Incorporated handles for transport (available only for 28.3" useful passage width: part # 50789)



➤ IP67 Mains Power Supply

100W IP67 power supply for heavy duty applications. Vandal resistant. It is provided with flanges for simple installation.
Part # 62697



➤ Test Samples Kit

Reference Samples for accurate verification of the Security Level. Includes guided procedures and certificate of calibration.

- Part # EMD-SK-GAL
- Part # EMD-SK-GDML



➤ ID-Holder

This accessory is designed to be hung on a crossbar of the archway, either at the entrance or the exit side. It can hold, for instance, a notice or an ID number for waiting people or for the screener.

Part # 54095



HI-PE Plus Enhanced Multi-Zone Metal Detector

Specifications

KEY FEATURES	Wide range of threat detection from guns to ½ cutter blade		Automatic Environmental Noise Compensation (ENA)
	Excellent discrimination of personal metal effects		Met-Identity technology identifies and signals the metal type in real time
	60 localization zones (20 vertical x 3 lateral) with left, center and right indication		High precision bidirectional counter with automatic rescreening compensation
	One touch automatic self installation (OTS)		Chip Card capability for fast, simple, and secure programming
	Automatic Operational Functional Verification (OFV)		Random alarm capability programmable from 0% to 100%
	Automatic Vibration Compensation (AVS,EVA)		Exceptional Immunity to external interferences
	Automatic Channel Search (CS)		Powered by safe low voltage DC
	Automatic Floor Gain Adjustment (FGA)		Standard Interfaces: RS-232, Bluetooth, Infrared
	Automatic Technical Functional Verification (TFV)		Other available interfaces: Wi-Fi, Ethernet, USB
QUALITY	Continuous self diagnostic system		
	Proven reliability		
	No periodic re-calibration and preventive maintenance required		
	No scheduled maintenance		
	Fully digital design		
WALK-THROUGH GATE STRUCTURE	State-of-the-art, robust and washable panels		
	Protected against aging, weather and wear		
CENTRAL CONTROL UNIT	Ergonomic and robust design		
	High visibility alphanumeric display and programming keyboard		
	Made of advanced plastics or stainless steel and anti-vandalism construction (option)		
	Access to the front panel protected by hardware key and 3 levels of passwords		
ALARM SIGNALING	VISUAL SIGNALS	Multi-zone display bar for “height on person” localization	
		4 light bars with selectable entry/exit and pacing indication	
		Green and red metering signals proportional to the mass of the detected target	
	AUDIO SIGNALS	10 selectable continuous and pulsed tone plus 34 special tones	
10 selectable sound intensities ranging from 0 to 90 dBa at 1m			
TYPE OF SIGNALING	VISUAL	Fixed or proportional to the mass in transit - visible from 6m under lighting of 4000lux	
	VISUAL ZONE INDICATION	60 distinct zones (20 vertical x 3 lateral) entry and exit side	
PROGRAMMING	Up to 50 built-in security programs (up to 30 International Standards, up to 20 Customizable Levels)		
	Remote via RS-232, Infrared Remote Control Unit, Bluetooth or Ethernet 10/100 base T (option) interface		
	SECURITY LEVEL	International Standard (IS) command	
		Chip card	
		Local by Control Unit alphanumeric display and keyboard	
OPERATIONAL FEATURES	Programming and chip card access protected by user and super-user passwords		
	Very high discrimination and transit flow rates five or more times greater than other metal detection systems		
	Quick reset time as short as 0.2 seconds for high throughput rate		
	Very high detection speed (up to 50 ft/sec.)		
	Built-in operational functional verification		
INSTALLATION DATA	One-touch key reading of inbound, outbound and Security Level Data		
	Automatic synchronisation between two or more metal detectors with distance of down to 2" (5 cm) without the use of external cables		
	Automatic Installation function (OTS)		

Environmental Data

- POWER SUPPLY : 100...240V~ -10/+15%, 47...63Hz, 40 VA max
- OPERATING TEMPERATURE: -4°F to 158°F (-35°F to 158°F upon request)
- STORAGE TEMPERATURE: -35°F to 158°F
- RELATIVE HUMIDITY: 0 to 95% (without condensation)

Certification and Compliance

- Compliant with and certified to the applicable Standards for Enhanced Metal Detectors
- Compliant with the applicable electromagnetic Standards on Human Exposure and Pacemaker Safety
- Compliant with all Airport Security Standards worldwide
- Compliant with applicable International Standards for electrical safety and EMC
- Harmless to magnetic media (CDs, tapes, etc.)

Comprehensive support

CEIA USA PROVIDES FULL OPERATIONAL AND TECHNICAL TRAINING SUPPORT BY CERTIFIED PERSONNEL EITHER AT CEIA USA FACILITY OR AT CUSTOMER PREMISES

- phone technical support
- in-house and on-site repair/services
- standard and custom training



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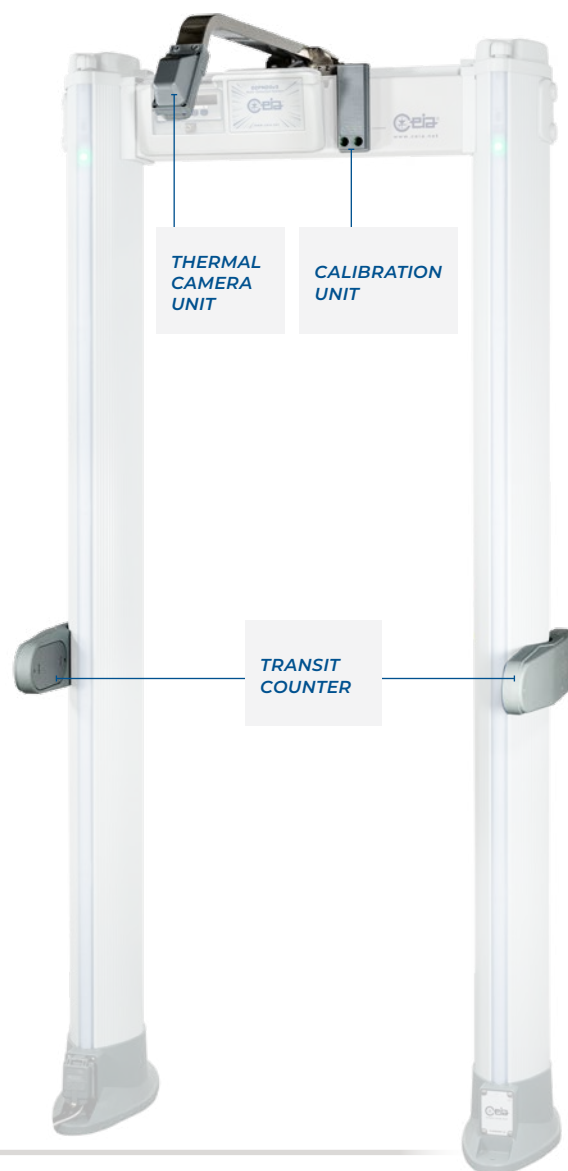


TDU THERMAL DETECTION UNIT

ANTI-COVID
SECURITY SOLUTION

ANTI-COVID EMBEDDED SENSOR FOR CEIA SECURITY WALK-THROUGH DETECTOR GATES

- **DESIGNED FOR FAST AND COST EFFECTIVE SCREENING OPERATIONS**
 - Simultaneous threat and fever detection
 - No separate screeners for body temperature control needed
- **EMBEDDED UPGRADE**
 - No additional installation checkpoint space required
- **AUTOMATIC DETECTION OF HIGH BODY SURFACE TEMPERATURE**
through infrared thermal camera
- **TEMPERATURE COMPLIANCE OR ALARM SIGNALLING**
provided by the gate control unit display
- **EXCLUSIVE INTEGRATED THERMAL CALIBRATION SYSTEM**
with Dual Temperature-Stabilized Reference
- **SELECTIVE MEASUREMENT ON ONE PERSON ONLY IN TRANSIT**
- **EASY TO INSTALL AND TO OPERATE**
- **STAINLESS STEEL AND TECHNICAL POLYMERS CONSTRUCTION**
- **COLUMN AND PANEL TDU UPGRADE VERSIONS AVAILABLE**



*CAN BE INSTALLED ON ALL CURRENT
CEIA SECURITY GATES*



www.ceia-usa.com

Threat Detection through Electromagnetics

TDU - ANTI-COVID EMBEDDED SENSOR FOR CEIA SECURITY WALK-THROUGH DETECTOR GATES

The rapid spread of COVID-19 infections has required the introduction of containment measures at all levels. Measures include the use of face masks, social distancing and also the measurement of body temperature as an indicator of possible virus infections.

Security checkpoints at the entries to airports and other sensitive buildings should now be equipped with security systems compliant with the new measures. This means detecting target threats with the minimum rate of nuisance alarms in order to limit the number of secondary checks necessary, reduce contacts between checkpoint operators and persons in transit and reduce waiting times upstream from the system. **All in all, this requires a metal detector with a very low nuisance alarm rate.** In order to comply with COVID containment measures, **screening operations should also include the measurement of body surface temperature to intercept fever temperatures.** This has to be done without adding any extra manual operations and avoiding any contact between screeners and the persons screened.

The TDU (Thermal Detection Unit) is an upgrade sensing kit for COVID screening compliance that can be installed on all current CEIA Security Gates, allowing the following functions:

- Simultaneous threat and fever detection on all screened persons
- Accurate body surface measurement using an infrared camera with automatic determination of the highest body temperature
- Indication of the thermal alarm on the control unit display
- Continuous calibration of the thermal measuring system using **two temperature-stabilized Reference Bodies**. Each reference is **constantly controlled by a sensor device that is 100% tested on a production setup** that is **NIST** traceable and verified with equipment that is calibrated to **ISO/IEC 17025** accredited standards.
- Transit direction and count verification with synchronization of the temperature measurement of the inspected person inside the gate. This ensures maximum accuracy and unique signalling

TDU - SIGNALING



OK
NO THERMAL ALARM



THERMAL ALARM
THE CONTROL UNIT SHOWS
THE "Hi-T" MESSAGE

TDU - SPECIFICATIONS

INFRARED TECHNOLOGY	Bolometric
	Measurement sensitive elements: 19.200
MULTISPECTRAL INFRARED	8 µm - 14 µm
THERMAL ALARM THRESHOLD	Programmable from 93°F to 108°F [34°C to 42°C]
ACCURACY	+/- 0.54°F [+/- 0.3°C]
MEASUREMENT HEIGHT	39.5" [minimum] / 81" [maximum]
CALIBRATION	Automatic, by exclusive integrated thermal calibration system with double reference [patented]
WORKING ENVIRONMENT CONDITIONS	50°F - 86°F [10°C - 30°C] / Relative humidity < 80%



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www.ceia-usa.com

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TDU - UPGRADE KIT

ORDERING INFORMATION

- 1 THERMAL CAMERA ARM
- 2 DUAL REFERENCE CALIBRATION UNIT
- 3 TRANSIT COUNTER
(not needed if already installed on the gate)

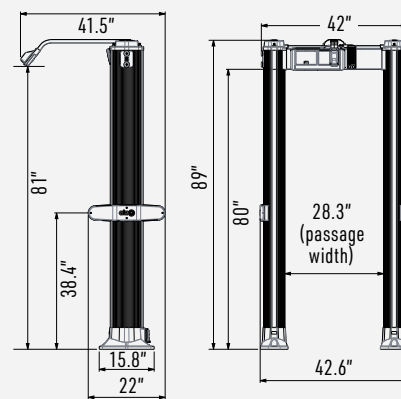


ELLIPTIC COLUMN version part # TDU/E 1 + 2
4-Beam Transit counter part # 46983 3

PANEL version part # TDU/P 1 + 2

DIMENSIONS

ELLIPTIC COLUMN



PANEL

