



1720 E. 9th Street
 Hopkinsville, KY 42240
 Phone: 270-885-8868
 Prepared by: Melissa Romaine
 Salesperson email: timwilson@romainecompanies.com

DATE	03/08/2024
QUOTE #	FayetteCoKY
VALID UNTIL	04/08/2024

CUSTOMER

Fayette County Regional Detention Center
 600 Old Frankfort Circle
 Lexington, KY 40510

TERMS

Payment: Net 30 Days
 Shipping: 60 Days / ARO
 Delivery: FOB Origin,
 Prepay and ADD
 Warranty: 24 Months

ITEMS	QTY	UNIT PRICE	AMOUNT
CLEARPASS - DIGITAL FULL BODY SECURITY SCREENING SYSTEM	1	\$ 153,715.91	\$ 153,715.91
Includes all hardware and software necessary for complete operational functions			
Excludes Networking			
ANCILLARY EQUIPMENT (Optional)			
DruGuard3® AUTOMATIC NARCOTICS DETECTION SOFTWARE		\$ 10,000.00	\$ Included
A-EYE AUTOMATIC AI DRIVEN THREAT DETECTION SOFTWARE		\$ 15,000.00	\$ Option
NON-CONTACT THERMOMETER		\$ 4,700.00	\$ Option
Relocate Current Body Scanner		\$ 7,500.00	\$ Included
INSTALLATION AND CALIBRATION		\$ Included	\$ Included
ON-SITE TRAINING		\$ Included	\$ Included
24 MONTH WARRANTY		\$ Included	\$ Included
Yearly Inspection After 24 Month Warranty Expires		\$ 2,600.00	\$ Option
Extended 3 year WARRANTY (Time of Sale)		\$ 12,500/Year	\$ Option

Subtotal	\$ 170,000.00
Shipping	\$ 3,000.00
Tax rate	0%
Tax due	\$ -
TOTAL	\$ 173,000.00

TERMS AND CONDITIONS

1. Payment Terms: 100% at Customer Signoff once installed.
2. These prices do not include sales tax, if applicable.
3. Purchase Orders shall be written to:
Romaine Companies, 1720 E. 9th St, Hopkinsville, KY 42240



March 8th, 2024

Fayette County Regional Detention Center
600 Old Frankfort Circle
Lexington, KY 40510

Subject: Linev Clearpass Full Body Scanner System

On behalf of Romaine Companies and in response to the quote request for a Full Body Scanner System, we are pleased to respond with our offer. We are proposing the Linev Clearpass System for your consideration.

Our proposal includes the required documents and is fully compliant. The Clearpass is an advanced, compact and a powerful X-ray security screening system ideal for Fayette County.

We are confident that our proposal will be favorably received. Should you have any questions or need further clarification during the evaluation process, feel free to contact the undersigned.

Thank you for the opportunity to respond to this request and for your consideration of our offer.

Tim Wilson
timwilson@romainecompanies.com

Romaine Companies
1720 E 9th Street
Hopkinsville, KY 42240
270.885.8868
www.romainecompanies.com



Certificate of Completion



certifies that

ROMAINE COMPANIES

has successfully completed the Linev Systems Installation, Maintenance,
Troubleshooting, and Repair Training Course
in Conroe, Texas, USA

Brandon Trumbo

A handwritten signature in black ink, appearing to read "Brandon Trumbo", is written over a horizontal line.

Instructor

May 9th, 2019

Date



INNOVATIVE NEW PLATFORM FOR PEOPLE SCREENING

CLEARPASS

REVOLUTIONARY HIGH THROUGHPUT BODYSCANNER



- 3-SECOND SCAN TIME
- ADA COMPLIANT
- SUPERIOR IMAGING
- STATIONARY SCANNING
- UV SELF-SANITIZATION



THREAT AND CONTRABAND IDENTIFICATION

- SAFE • FAST • SMALL • CONVENIENT • UPGRADABLE

©2015 Romaine Companies. All rights reserved. ADANI CLEARPASS is a registered trademark of Romaine Companies. All other trademarks are the property of their respective owners.

Romaine Companies
1720 E 9th Street
Hopkinsville, KY 42240
270.885.8868
www.romainecompanies.com

CLEARPASS

Dimensions: _____ 86" L x 60" W x 93" H
 Workstation: _____ 22" W x 27" D
 Monitor: _____ 24" HD Color Monitor
 Power Requirements: _____ 120VAC/20amp
 Selectable Scan Settings: _____ 0.25uSv - 4.0uSv
 Generator type: _____ Monoblock
 Generator voltage: _____ 160kV (200kV in option)
 Detector configuration: _____ Linear
 Detector size: _____ 1.5 mm size detector plates
 Wire detectability: _____ 62 AWG
 Resolution: _____ up to 5K

AI assisted Full Body Auto-detection
 DrugGuard Narcotics Detection Algorithm
 Windows 10 Professional



DETECTION THROUGH INTELLIGENCE AND MACHINE LEARNING

- Contraband/threat identification
- PREA Compliance, Privacy protection
- Controlled Inspection - **red** light / **green** light signaling

EASE OF USE

- Intuitive Operator Interface
- Person to be screened remains stationary
- Industry best 2.5-second image acquisition time
- Standalone or Integrated Operator's Workstation
- Compact footprint AND low height
- Wheelchair compatible (US ADA Compliant)



**OPTIONAL
 INTEGRATED
 WORKSTATION**

ADANI SYSTEMS, Inc.

13631 Poplar Circle
 Conroe, TX 77304

www.adanisystems.us

Tel: 936-588-2064
 Toll-free line: 844-989-6789
info@adanisystems.com



NEW INNOVATIVE PROCESS FOR PEOPLE SCREENING

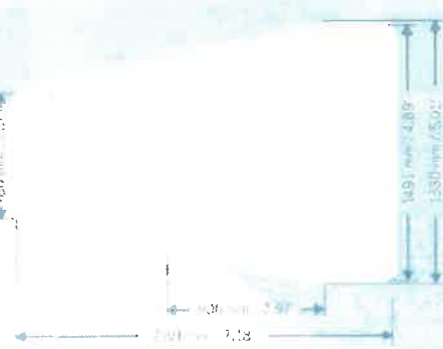
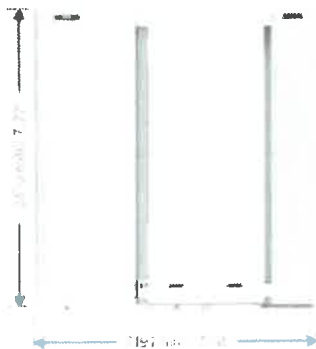
CLEARPASS



BACK

FRONT

FOOTPRINT



0509/TAXX/08/20


Visit www.romaine.com for more information on our products and services. ©2009 Romaine Companies, Inc. All rights reserved. The design and specifications are subject to change without notice.



1	Technical Proposal Template	Template PI-1 CLEARPASS
2	Technical Proposal No.	PI-1/1
3	Revision date	March 2023
4	Item	CLEARPASS Transmission X-ray Full-Body Security Screening System
5	Manufacturer	LINEV/ADANI
6	Intended use	<p>CLEARPASS allows the operator to obtain a head-to-toe full body X-ray image of a person for the purpose of security inspection and identification of foreign object on or in the human body.</p> <p>CLEARPASS effectively detects the following items:</p> <ul style="list-style-type: none"> • Swallowed capsules, pills, containers with narcotics • Small metallic objects (razors) in body cavities • Precious stones and metals • Firearms, knives, weapons • Unconventional weapons of nontypical materials, such as plastics, wood, ceramics etc. • Explosives, detonators, wires etc. • Narcotics • Containers with biological or chemical materials • Electronic devices • Food • Other prohibited objects
7	Advantages	<ul style="list-style-type: none"> • An innovative X-ray inspection method which puts the burden of movement on the system and not the person. The person remains stationary during the scanning process. • High medical quality full body images created using optimal beam geometry allowing for accurate image representation with low dose radiation. • Detection of prohibited objects under the clothes or inside the body of the person being inspected in 2-3 seconds. • Multiple scanning modes and optimization for low X-ray exposure ratio and scalable to high resolution/maximum security screening when needed. • Significantly increased screening efficiency as compared to other technologies. • Small footprint and relocatable design • Embedded or separate operator workstation • ADA compliance allow operator to inspect persons requiring the use of a wheelchair, walker, or cane.



8	Theory of operation	<p>Unique technology embedded in CLEARPASS comprises capturing digital full-body projection X-ray images.</p> <p>The technology comprises:</p> <ul style="list-style-type: none"> • Formation of extremely narrow (1 mm) monochromatic X-ray beam via collimation and filtration system which allows for the lowest effective dose to be administered to the person being inspected. • The person under inspection is standing on a specially designed radiolucent floor and stays stationary during scanning process; • A highly sensitive linear array of vertical semiconductor scintillating detectors used as an X-ray detector. • The X-ray beam which passed through the body is captured by the X-ray detector and produces a digital image of the individual scanned for review on the operator's monitor. • Radiation dose and system resolution ratio optimization depending on the nature of the system intended use.
9	Applications	<p>Linev patented technology based Full-Body Security Screening System CLEARPASS is specially designed for use in correctional facilities including city and county jails, prisons, detention centers, and brigs. Additional applications include airports for customs screening, border terminals, government buildings, as well as in all other locations which require a detailed examination of the abdominal cavity and natural cavities of the human body without employing specialized medical equipment</p>
11	OPTIONS	<ul style="list-style-type: none"> • Automatic narcotics detection software-DruGuard® • Fingerprint scanner • CCTV • Barcode reader • Passport reader • Facial recognition camera • Non-Contact Thermometer • Multi-operator function (two additional workstations) • Laser printer • ADA Compliant Ramps for entry/exit • Network integration into Jail Management Systems

12	Image sample 1	Male 
----	----------------	---



TECHNICAL SPECIFICATIONS

1	General operation features	Description
1.1	Inspection method	Transmission X-ray
1.2	Inspection object	Full-body inspection
1.3	Detection objects	Prohibited objects of any material, hidden inside any part of the human body
1.4	Human body inspection method	The person under inspection remains stationary
1.5	Inspection chamber	Open portal / Walkthrough design
1.6	Scanning technique	The X-ray beam is being moved around the scanned person
1.7	Min time of movement of the X-ray beam	2 seconds
1.8	Movement direction of the X-ray beam	Horizontal
1.9	Operating mode	100% duty cycle 24/7/365
1.10	Throughout capacity	Up to 600 people per hour
1.11	Setup mode	Auto
1.12	Warm-Up time	Depends on the downtime
1.13	12 hours – 2 days	2-minute warm-up
1.14	2 days – 30 days	5-6-minute warm-up
1.15	1 month – 3 months	10-12-minute warm-up
1.16	3 months and more	50-60-minute warm-up
1.17	Image visualization during the scan	Real-time
1.18	Operation temperatures	From 32° to 113°
1.19	Humidity	not more than 95%
1.20	General dimensions	not more than 87” L x 63” W x 94.5”
1.21	Weight	not more than 2,095 lbs.
2	Radiation safety	
2.1	ANSI classification	Full-Body Scanner (Class A, as in ANSI/HPS N47.17-2009), Limited use (for doses more than 0.25 μ Sv per scan)
2.2	Dose for the scanned individual/objects/applicability:	
2.2.1	Min dose (2500 scans per year)	0.1 μ Sv / high dense objects / no limits for quantity of scans per year
2.2.2	Low dose (1000 scans per year)	0.25 μ Sv / small high dense objects / big low dense objects / weapons, explosives etc.
2.2.3	Standard quality (250 scans per year)	1.0 μ Sv / small dense objects / small low-density objects
2.2.4	High quality (125 scans per year)	2.0 μ Sv /small dense objects and small low-density objects in obstruction environment
2.5	Max dose (62 scans per year)	4.0 μ Sv /extra small (0.15 mm) dense objects and small low-density objects in obstructive environment
2.3	Delivered dose control	Dose calculating software



3	Power features:	
3.1	Consumption	Max 1 kVA
3.2	Voltage	120V ± 10%, single phase
3.3	Protection	1kVA isolation transformer with surge protection
4	Detectability:	
4.1	Scanning field	81.9" x 31.5" (2080 mm x 800 mm)
4.2	Min seen wire	42 AWG
4.3	Penetration	Min 34-38 (depending on scanning mode) mm steel
5	X-ray detector features:	
5.1	Detector type	Linear array, 1.5 mm pixel detector plates.
5.2	Bit count	16 bit
6	X-ray tube module features	
6.1	Generator type	Monoblock
6.2	Generator parameters:	
6.2.1	Anode voltage	160 kV
6.2.2	Anode current	2 mA
7	Software features	
7.1	Full control of the CLEARPASS hardware system	<ul style="list-style-type: none"> • X-ray generator • X-ray detector • Control electronic • Periphery
7.2	Automatic real-time imaging	Operator must only initiate a scan – the software manages the rest.
7.3	Automatic narcotics detection	Unique patented feature assists the operator in detecting narcotics in the abdominal cavity and groin. Reporting features allow for review of operator's decisions. "DruGuard®" software.
7.4	Automatic data management	After the inspection is completed, each X-ray image is automatically transferred in a protected format to the images database for storage and future retrieval.
7.5	Archived image search feature	Each stored image is archived can be searched using the inspected persons unique ID or name.
7.6	Image Normalization (Automatic)	Every image is normalized prior to being reviewed on the workstation. This process enhances the raw image prior to the Operators application of the filters highlighted in section 7.8 below.
7.7	Automatic location and hiding of the genital area on the image	The software automatically locates and hides the genital areas on the image if required. To deactivate this function, enter the ADMIN password.



7.8	Standard Image Enhancement features (Filters)	<ul style="list-style-type: none"> • scale • auto scale • positioning • brightness • contrast • edge enhancement • pseudo colors • contrast adjustment • Export into DICOM, BMP and JPG formats • Black/White Inversion
7.9	Contrast and brightness preset	Operator can choose and save the contrast and brightness presets and apply them during image manipulation.
7.10	X-ray image comparison (Compare feature)	Displays two images of the same person simultaneously for visual comparison
7.11	Printing X-ray images	Ability to print out images to an external printer (optional printer). You can include notes on the images.
7.12	Export X-ray images	Ability to save the X-ray images in a format (DICOM, BMP and JPG) which is viewable on any PC. There is no need for specialized software.
7.13	Medical advisement possibility	Ability to save the X-ray images in a format supported by medical diagnostic equipment for further medical advisement
7.14	Positives folder	If contraband is detected, the operator can copy this image to the “Positives” folder and arrange for simplified access for further comparison. This folder becomes a real-life” training support repository if utilized correctly.
7.15	“Marks” feature	Operator can place marks on the suspicious image areas and save them with annotated text.
7.16	Scanned individuals’ info registration and saving into the database.	The function can be enabled that allows scanning only after ID info of the person to be inspected has been specified. In case that person has already underwent inspection via scanning - his info can be searched in a database.
7.17	Automatic dose count received during a scan	Dose received by an individual during a scan is registered in the database ensuring that inspected persons won’t be overexposed according to ANSI/HPS 43.17-2009.
7.18	Scalable/Flexible Operational Modes	Software settings allow the distribution of inspection functions among more than one operator. EXAMPLE: One operator manages the scanner and the individuals being inspected and up to two (2) other operators manage the X-ray review function.
7.19	Reporting	The database contains information on scanned individuals, doses and operators. Customers can print reports with information about for any time period.
7.20	Block software architecture	Allows integration into various security systems at minimum expense. Based on Microsoft SQL
7.21	Operating System	Win10 Pro
7.22	Unauthorized access protection	System can be used only after authorization