

# ADANI SYSTEMS

Innovate the Future

13631 Poplar Circle, Conroe, TX 77304

(303) 931-5505 mobile

Date 3/30/2022

Quote # WCYC

RE: CLEARPASS

Washoe County Youth Corrections

Troy Harper

650 Ferrari McLeod Blvd

Reno, NV 89512

[THarper@washoecounty.gov](mailto:THarper@washoecounty.gov)

Quotation valid until: 5/29/2022

Prepared by: Luke Ricards

## Comments or Special Instructions

1. Customer must supply a dedicated 110VAC/20AMP circuit at the installation locations.
2. These prices do not include sales tax if applicable.
3. Purchase Orders to be written to: ADANI Systems, Inc., 13631 Poplar Circle, Conroe, TX 77304

| Part Number             | Description   | Qty | Unit Price    | Amount        |
|-------------------------|---|-----|---------------|---------------|
| <b>ADNCLEARPASS</b>     | <b>CLEARPASS - Full Body Security Screening System</b><br>Includes all hardware and software necessary for complete operational functions | 1   | \$ 135,698.12 | \$ 135,698.12 |
| <b>DruGuard®</b>        | <b>Automatic Narcotic Detection Software</b>  | 1   | \$ 10,000.00  | \$ 10,000.00  |
| <b>NTWRK</b>            | <b>Networking FBS to Agency-supplied Server</b>   | 1   | \$ 3,500.00   | \$ 3,500.00   |
| <b>ADA</b>              | <b>ADA-Compliant Ramp with Radiolucent Wheelchair</b>   | 1   | \$ 4,500.00   | \$ 4,500.00   |
| <b>INSTTRN</b>          | <b>INSTALLATION AND ON-SITE TRAINING</b>  | 1   | \$ 8,159.00   | \$ 8,159.00   |
| <b>EXT SVC CONTRACT</b> | <b>1 Year Extended Service Contract at Time of Sale</b>   |     | \$ 10,500.00  | OPTIONAL      |
|                         | <b>Web-based Training Licenses</b>  |     |               |               |
| <b>RPP</b>              | RADIATION PROTECTION PROGRAM - State specific   | 1   | \$ 895.00     | INCLUDED      |
| <b>RSOT</b>             | RADIATION SAFETY OFFICER TRAINING/person  | 2   | \$ 895.00     | RECOMMENDED   |
| <b>ROT</b>              | RADIATION OPERATOR TRAINING/person  | 10  | \$ 175.00     | RECOMMENDED   |
|                         | <b>Ancillary Equipment (OPTIONAL)</b>   |     |               |               |
|                         | Sanitization Kit (Please request lower pricing)   | 1   | \$ 19,725.00  | OPTIONAL      |
|                         | Biometric Scanner (Barcode, RFID)   | 1   | \$ 1,500.61   | OPTIONAL      |
|                         | Camera System   | 1   | \$ 1,500.61   | OPTIONAL      |
|                         | Non-Contact Temperature Module  | 1   | \$ 2,500.50   | OPTIONAL      |

Payment Terms: Net 30 Days

Ship Date: 60 Days +/- of ARO

Terms of delivery: FOB Origin PrePay and ADD

Warranty Terms: 12 Month Warranty Included - Covers Parts, Labor, Preventive Maintenance, Software Updates, Annual Radiation Survey

Subtotal \$ 161,857.12

Shipping \$ 2,500.00

**TOTAL \$ 164,357.12**

Ship To:

# CLEARPASS

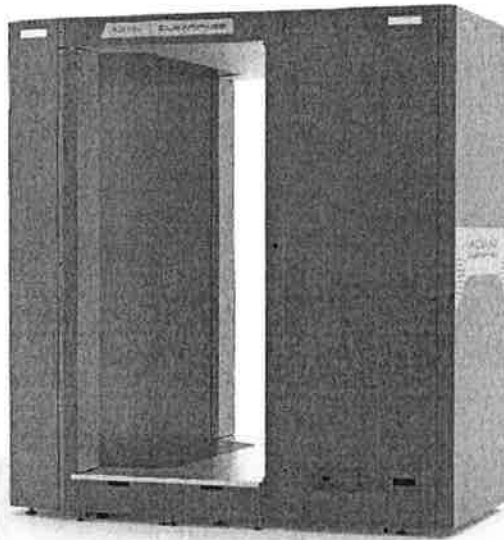
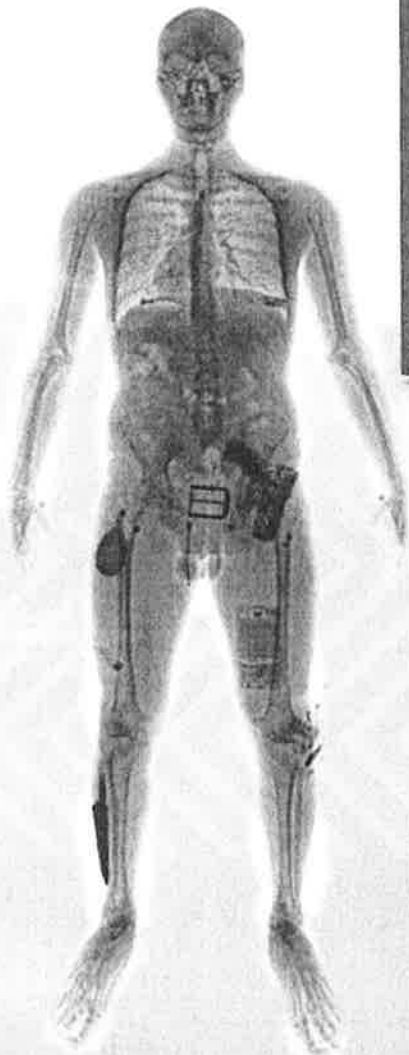
TRANSMISSION X-RAY FULL-BODY SECURITY SCREENING SYSTEM



American National Standards Institute

ANSI Compliant

ANSI/HPS N47-17-2009



## CLEARPASS

Allows the operator to obtain a head-to-toe full body x-ray image for the inspection and identification of foreign objects on or in the body.

ADANI Systems patented technology based is specially designed for use in correctional facilities including city and county jails, prisons, and detention centers.



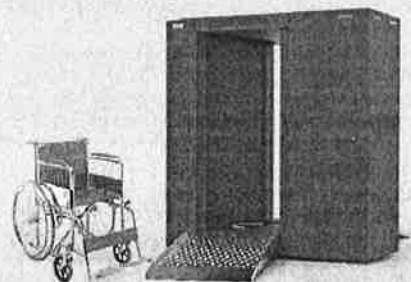
## ADANI SYSTEMS

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13631 Poplar Circle,  
Conroe, TX 77304, USA  
[info@adanisystems.com](mailto:info@adanisystems.com)

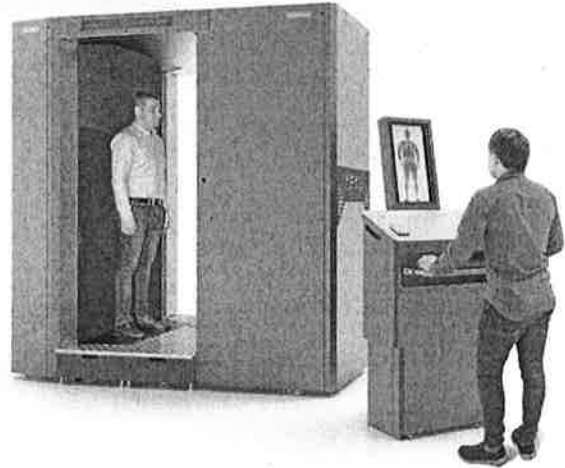
Tech Support 844.989.6789  
[Service@adanisystems.com](mailto:Service@adanisystems.com)

Sales Inquiries 936.588.2064  
[Sales@adanisystems.com](mailto:Sales@adanisystems.com)



# CLEARPASS ADVANTAGES

- ▮ 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.
- ▮ ADA compliance allow operator to inspect persons requiring the use of a wheelchair, walker, or cane.

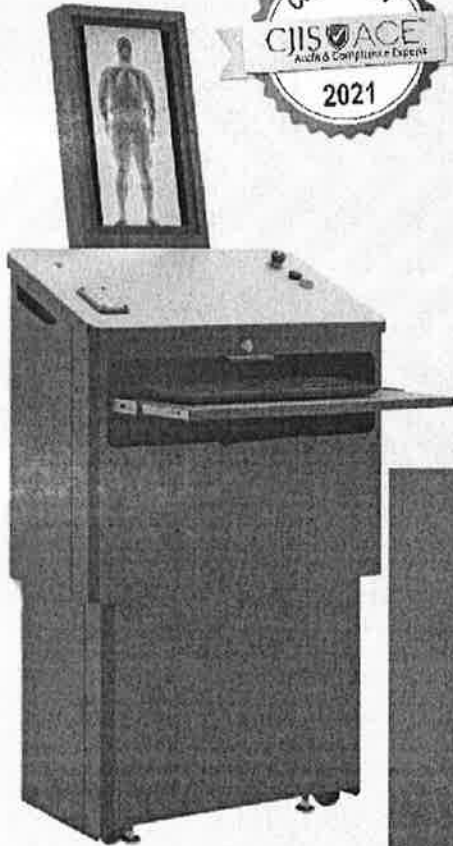


ADANI systems full-body scanners are the 1st in the market to offer CJIS ACE COMPLIANCE in accordance with the FBI CJIS SECURITY POLICY.

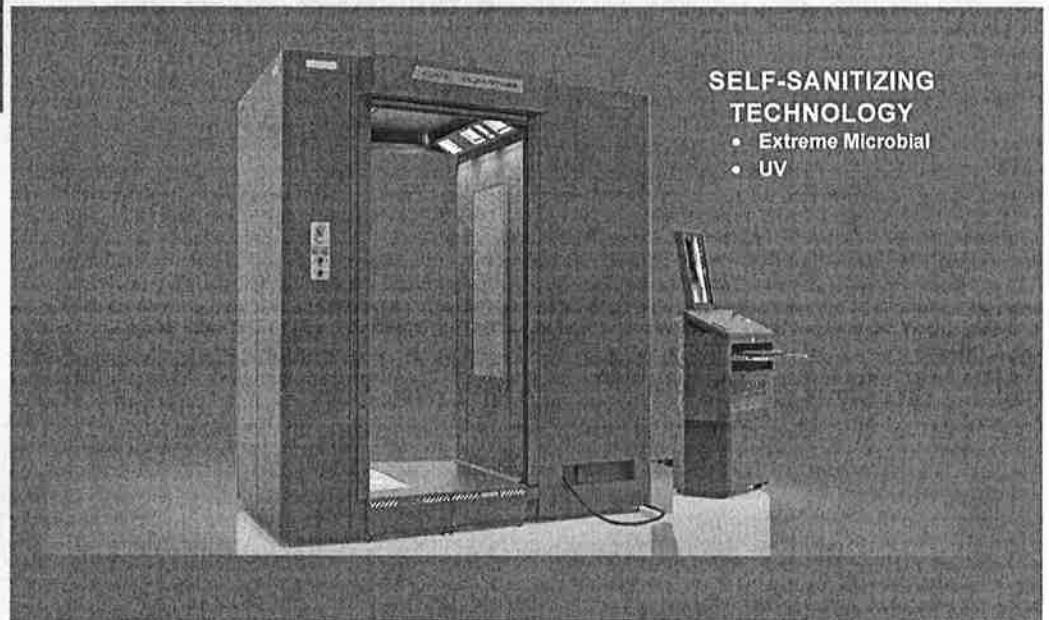
STANDARDS FOR DATA SECURITY AND ENCRYPTION. PROTECT DIGITAL EVIDENCE.

## CLEARPASS EFFECTIVELY DETECTS THE FOLLOWING ITEMS

|  |  |  |                           |   |
|--|--|--|---------------------------|---|
| Swallowed capsules, pills, containers with narcotics | Small metallic objects (razors) in body cavities | Precious stones and metals                       | Firearms, knives, weapons | Unconventional weapons (Plastic, wood, ceramic) |
| Explosives, detonators, wires etc.                   | Narcotics  | Containers with biological or chemical materials | Electronic devices        | Food  |

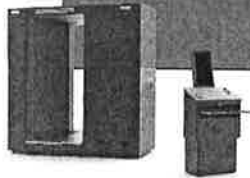


\*Powered height adjustable ergonomic workstation with touchscreen



### SELF-SANITIZING TECHNOLOGY

- Extreme Microbial
- UV



## CLEARPASS FEATURES

|  |  |
|--|--|
| Inspection method                      | Transmission X-ray   |
| Inspection object                      | Full-body inspection   |
| Detection objects                      | Prohibited objects of any material, hidden inside any part of the human body |
| Human body inspection method           | The person under inspection remains stationary                               |
| Inspection chamber                     | Open portal / Walkthrough design   |
| Scanning technique                     | The X-ray beam is being moved through the scanned person                     |
| Min time of movement of the X-ray beam | 2.5 seconds  |
| Movement direction of the X-ray beam   | Horizontal   |
| Operating mode                         | 100% duty cycle 24/7/365   |
| Throughout capacity                    | Up to 600 people per hour  |
| Calibration                            | Auto   |
| Imaging                                | Real-time  |
| Operation temperatures                 | From 0 to +45°C  |
| Humidity                               | not more than 90% (non-condensing)   |
| General dimensions                     | 89" x 60" x 94.5"  |
| Weight                                 | 2,094 lbs.   |

## EFFECTIVE DETECTION



### RADIATION SAFETY

|                |                                  |
|----------------|----------------------------------|
| ANSI Compliant | Certificate ANSI/HPS N47.17-2009 |
|----------------|----------------------------------|

### DOSE FOR THE SCANNED INDIVIDUAL/OBJECTS/APPLICABILITY:

|                                       |  |
|---------------------------------------|--|
| Min dose (2500 scans per year)        | 0.1µSv / high dense objects / no limits for quantity of scans per year                               |
| Low dose (1000 scans per year)        | 0.25µSv / small high dense objects / big low dense objects / weapons, explosives etc.                |
| Standard quality (250 scans per year) | 1.0µSv / small dense objects / small low-density objects   |
| High quality (125 scans per year)     | 2.0µSv /small dense objects and small low-density objects in obstruction environment                 |
| Max dose (62 scans per year)          | 4.0µSv /extra small (0.15 mm) dense objects and small low-density objects in obstructive environment |
| Delivered dose control                | Dose calculating software  |

### POWER FEATURES

|             |  |
|-------------|--|
| Consumption | Max 1 kVA  |
| Voltage     | 120V ± 10%, single phase                         |
| Protection  | 1kVA isolation transformer with surge protection |

### DETECTABILITY

|                |   |
|----------------|---|
| Scanning field | 79" x 31.5" (2006 mm x 800 mm)                  |
| Min seen wire  | 42 AWG  |
| Penetration    | Min 34-38 (depending on scanning mode) mm steel |

### X-RAY DETECTOR FEATURES

|               |                            |
|---------------|----------------------------|
| Detector type | C-shape array, 1664 pixels |
| Bit count     | 16 bit                     |

### X-RAY TUBE MODULE FEATURES

|                         |           |
|-------------------------|-----------|
| Generator's type        | Monoblock |
| Generator's parameters: |           |
| Anode voltage           | 160 kV    |
| Anode current           | 2 mA      |

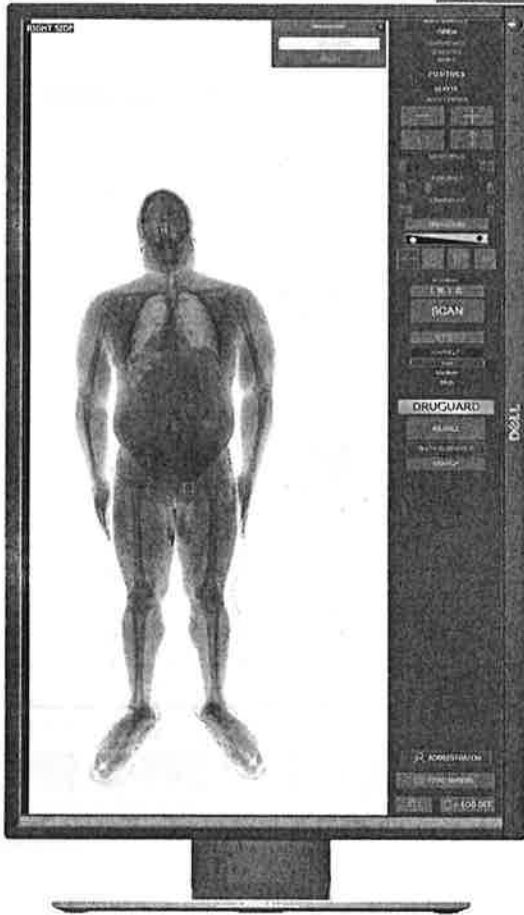
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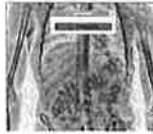
## CLEARPASS X-RAY IMAGES



## ACCESSORIES

SOFTWARE  
UPGRADE

**DRUGGUARD**  
US PAT. 8,303,101 BY  
BREAKTHROUGH TECHNOLOGY  
TO COMBAT DRUG SMUGGLING



SELF-SANITATION



ADA COMPLIANT  
RAMPS



FINGERPRINT  
SCANNER



BARCODE READER



PASSPORT READER



FACIAL  
RECOGNITION  
CAMERA



INTERCOM  
SYSTEM



TOUCHSCREEN  
PANELS



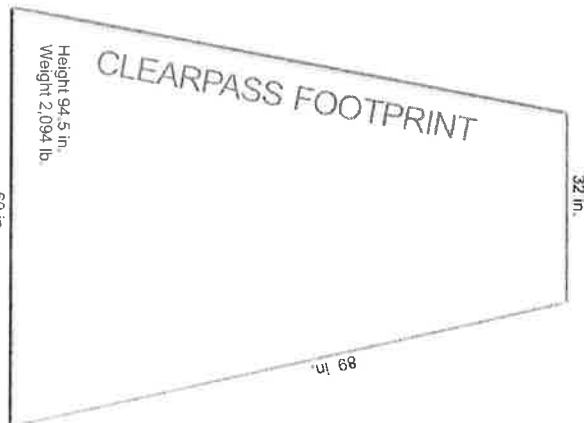
LASER  
PRINTER



MULTI-OPERATOR  
FUNCTION



NETWORK  
INTEGRATION



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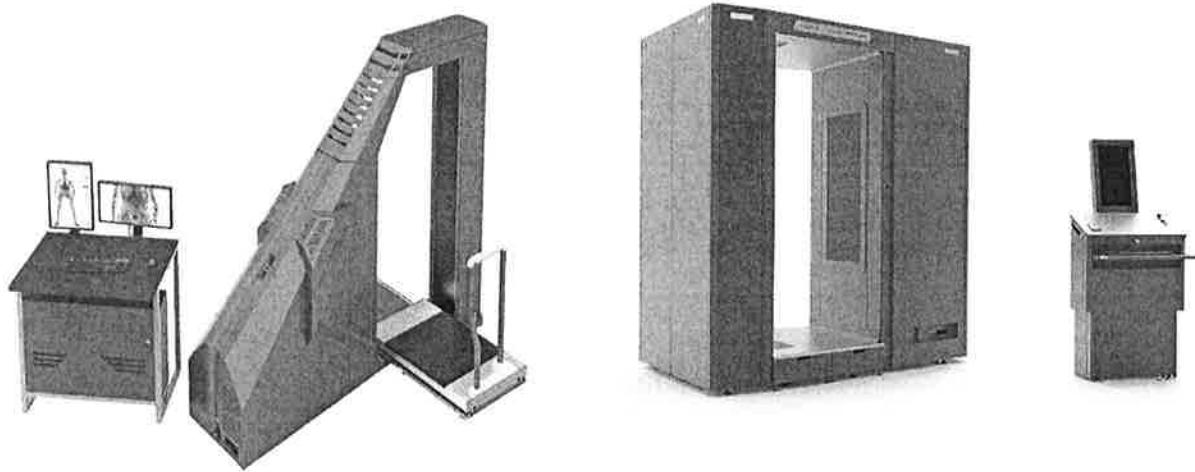
Reference images | Installed products may vary  
according to availability

**We can help with your American Rescue Plan Act (ARPA)  
Motivation/Proposal.**

The American Recue Plan Act of 2021 provides eligible state and local government with funding to meet pandemic response needs including supporting public health expenditures that includes body scanner technology.

This document includes:

- Eligibility information from the US Treasury website regarding ARPA funding
- Sample proposal/motivation for requesting funding for body scanner purchase



## How does the ADANI range of body scanners qualify for ARPA funding?

FROM THE US TREASURY WEB SITE (Please note Bold text below)

<https://home.treasury.gov/policy-issues/coronavirus/assistance-for-state-local-and-tribal-governments/state-and-local-fiscal-recovery-funds>

The Coronavirus State and Local Fiscal Recovery Funds provide eligible state, local, territorial, and Tribal governments with a substantial infusion of resources to meet pandemic response needs and rebuild a stronger, and more equitable economy as the country recovers. Recipients may use these funds to:

- **Support public health expenditures, by, for example, funding COVID-19 mitigation efforts, medical expenses, behavioral healthcare, and certain public health and safety staff**
- Address negative economic impacts caused by the public health emergency, including economic harms to workers, households, small businesses, impacted industries, and the public sector
- Replace lost public sector revenue, using this funding to provide government services to the extent of the reduction in revenue experienced due to the pandemic
- Provide premium pay for essential workers, offering additional support to those who have and will bear the greatest health risks because of their service in critical infrastructure sectors
- Invest in water, sewer, and broadband infrastructure, making necessary investments to improve access to clean drinking water, support vital wastewater and stormwater infrastructure, and to expand access to broadband internet

### Eligible Expenses:

#### 1. SUPPORT PUBLIC HEALTH RESPONSE

INTERIM FINAL RULE: REFERENCES P. 12-23 | RULE DEFINITIONS P. 138-140

THE INTERIM FINAL RULE OUTLINES THAT THE FISCAL RECOVERY FUND PROVIDES RESOURCES TO "MEET AND ADDRESS THESE EMERGENT PUBLIC HEALTH NEEDS, INCLUDING THROUGH MEASURES TO COUNTER THE SPREAD OF COVID-19, THROUGH THE PROVISION OF CARE FOR THOSE IMPACTED BY THE VIRUS, AND THROUGH PROGRAMS OR SERVICES THAT ADDRESS DISPARITIES IN PUBLIC HEALTH THAT HAVE BEEN EXACERBATED BY THE PANDEMIC."

Among the potential uses of funds, the interim rule outlines:

**PREVENT AND MITIGATE COVID-19 (Please note Bold text below)**

Funding a broad range of services and programming for prevention and response to COVID-19, such as:

- Vaccination programs, including staffing, equipment, supplies, facilities and administrative expenses
- Testing, monitoring and contact tracing
- Supporting isolation and quarantine
- Paid sick and paid family and medical leave to public employees related to COVID-19 compliance
- Public health surveillance and data system enhancement
  - Case monitoring
  - Vaccination uptake tracking
- Enforcing public health orders
- Emergency medical response expenses, including emergency medical transportation related to COVID-19
- Communication efforts related to COVID-19 vaccination programs and public health orders
- Purchase PPE and disinfection of public areas and other facilities
- **Prevention and mitigation in congregate living facilities, such as:**
  - Nursing homes and skilled nursing facilities
  - **Jails and incarceration settings**
  - Group living facilities including residential foster care and behavioral health treatment facilities
  - Other key settings like homeless shelters and schools
- Ventilation improvements in congregate settings, public health facilities or other public facilities
- Capital investments or adaptations to public facilities such as hospitals or health clinics

**Re: ADANI Full Body Scanners Qualify for ARPA Grant Funding**

ADANI Systems Inc. headquartered in Conroe, TX is the manufacturer of CONPASS, CONPASS DV, CONPASS SMART DV, and CLEARPASS full body X-ray scanners which meet the following criteria for eligible expenditures as outlined in accordance with the U.S. Department of Treasury's ARPA established Coronavirus relief fund, referred to in this document.

- Expenses for technical assistance to local authorities or other entities on mitigation of COVID-19 related threats to public health and safety.
- Expenses for public safety measures undertaken in response to COVID-19.
- COVID-19 related expenses of maintaining state prisons and county jails, including as relates to sanitation and improvement of social distancing measures, to enable compliance with COVID-19 public health precautions.

CONPASS, CONPASS DV, CONPASS SMART DV, and CLEARPASS full body scanners offer the following performance and safety measures which meet or exceed the above listed criteria:

- Low risk standoff full body search of contraband on or in the body.
- Allows both the individual searched and the individual conducting the search to maintain social distancing.
- Fast 3-7 second scan time reduces congestion in the booking or intake areas and allows for quicker processing of individuals.
- Optionally available core temperature monitor can record an individual's body temperature at the time of the search and store that data along with X-ray image, dose, and result of the scan.
- Optionally available self-sanitizing technology performs automated disinfection of the body scanner and surrounding air.

## What Makes a Winning American Rescue Plan Act Proposal?

Rather than focusing on the product or software you are acquiring, focus on the outcome. How does the technology allow you to accomplish your organization's goals?

Make sure you include these key components:

- i) Basic Organization Description.
- ii) Statement of Need.
- iii) Project Description.
- iv) Plan for Hardware/Software Deployment.
- v) Anticipated Project Benefits.
- vi) Plan for Future Funding/Sustainability.

## Example ARPA Motivation/Proposal

### **i) Basic Organization Description**

Johnson County Detention Center  
1234 Apple St, Anytown, AK 98787  
555.444.5555  
Employees – 104  
Inmate Beds – 205  
Managing Officers - Major John Doe, Captain Tom Hall

### **ii) Statement of Need**

As one of the fastest growing counties in (State), the over population of jail inmates is at critical capacity. This close confinement of inmates and staff is vulnerable to the rapid spread of COVID-19. Conventional PPE precautions will be exercised, but with the transporting and inspection of inmates, and the constant contact with the municipal area law enforcement, the percentage of this infectious disease spreading throughout our jail is extremely high. The solution is the installation of a non-contact method of inmate inspection of contraband. That system is the use of a full body scanner.

### **iii) Project Description**

The most suitable scanner to accomplish our mission, is the ADANI Systems CLEARPASS or CLEARPASS COMPACT system. SYSTEM JUSTIFICATION

### **Re: Purchase of Specialized Equipment – CLEARPASS**

We the undersigned, hereby affirm that the ADANI manufactured CLEARPASS featuring DruGuard™ (U.S. Patent # 9,576,219 B2) is the first of its kind stationary full body scanning security solution and is exclusively available from ADANI Systems, Inc.

Corrections professionals throughout the United States are experiencing unprecedented influxes of dangerous contraband commonly entering facilities via internal human concealment. Transmission X-ray full body scanners represent the only effective technology to detect and deter this tactic. Revolutionary new technology available only in CLEARPASS puts the burden of movement on the equipment and not the individual being scanned. The reduced footprint and open scanning field allow the system to be conveniently located in critical areas of the institution, while allowing a greater percentage of individuals to be scanned.

### Unique and Special Features:

CLEARPASS is one of only two (2) commercially available stationary full body security scanners capable of conducting a head-to-toe scan of an individual, without requiring them to move or be moved. Highly focused ultra-low-dose transmission X-ray used in CLEARPASS is the only available technology which can reveal contraband concealed on a person, externally or internally. CLEARPASS stands alone in the market with the following unique or special design/performance features:

- DruGuard™ Automatic Narcotics Detection Software™ (U.S. Patent # 9,576,219 B2); No other company offers automatic detection software. No substitutes exist.
- 2.5 second scan time with an hourly maximum throughput capacity of 300 scans; The image rendered is in real-time at the operator workstation. This makes CLEARPASS nearly 3X faster than any other option.
- Industry leading spatial resolution, contrast sensitivity, and AWG wire resolution. X-ray based imaging systems designed to detect contraband on or in the human body must provide the best possible clarity and performance benchmarks. CLEARPASS produces a spatial resolution of 3-line pair/mm (more than double any other systems) and 42AWG (25% better than any other system)
- Optional ADA Compliant Design. Exclusive to the industry, CLEARPASS features an ADA compliant pass-through design with optional entry/exit ramps to allow for the screening of persons in a wheelchair.
- Optional industry exclusive disinfection/sanitization technology that ensure safety from bacteria, fungi, and viruses.

#### iv) **Plan for Hardware/Software Deployment**

Ship and delivery will be within 30-45 days of PO received.

Installation & Training will be coordinated with ADANI and training will take approx. 3-4 working days, depending on staff compliment and shift schedules. Once initial training has been completed, an agency roll-out plan to educate and train staff will be implemented. This process should take about 1-2 weeks to complete.

Officers will implement a new set of Standard Operating Procedures. ADANI will assist in the certification of a Radiation Safety Officer for the facility. He/she will then provide a schedule of events to promote and provide education on radiation safety surrounding low dose body scanning technology.

Purchasing will maintain warranty options that best suits agency.



**v) Anticipated Project Benefits**

The installation of the scanner will see immediate tangible and intangible benefits.

Tangible Benefits Include:

- Maintaining Low Inmate & Staff COVID Count
- Lower Medical Cost Savings
- Labor is at Acceptable Operational Level (lower staff absenteeism)
- More Contraband is Being Confiscated
- Less Inmate Altercations
- Reduction in Lawsuits – Unfortunate deaths, sexual harassment, other incidentals
- Possible Reduction in Liability and Risk Premiums

Intangible Benefits Include:

- Staff Morale is High – Safer Working Environment
- County “touts” Safer Work Environment as a Benefit for Recruitment Efforts
- Staff Executes Duties at a Higher Level
- Introduction to Contraband Attempts is Reduced – Word on the street

**vi) Plan for Future Funding/Sustainability**

The included preventative maintenance schedule provided by the manufacturer will ensure that all safety standards and regulations required by state and county are upheld. This includes 2 visits per year, while providing a full radiation report on the unit. Once the warranty has expired, we will re-evaluate service and warranty extension options.