

Purchase Order Number 12534

**ADAMS COUNTY
PURCHASE ORDER**

This Number Must Appear on all
Invoices, Packing Lists, and Packages

Page 1 of 1
Order Date: 05/11/15
Requested Date: 05/11/15
Cost Center: 2072

Vendor Address	Vendor and Shipping Information	Ship To Information
ASTROPHYSICS INC 21481 FERRERO PARKWAY CITY OF INDUSTRY CA 91789 VENDOR NUMBER: 414541	Phone: FAX: e-mail: Delivery:	ADAMS COUNTY SHERIFF'S OFFICE HEADQUARTERS & ADMINISTRATION 332 NORTH 19TH AVENUE BRIGHTON CO 80601 <i>Deliver to: 1100 Judicial Center Dr. Brighton, CO 80601</i>

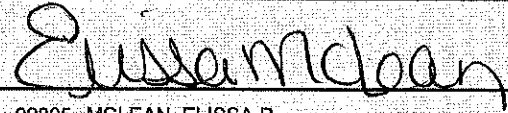
*Please contact for Delivery:
John Burgartz
(303) 654-3349*

Ln	R	Description / Supplier Item	QTY	UOM	Unit Price	Extended Price	Account Number	Req. No.
1	0	2-XIS6545 Xray/1-CEIA HIPE Pls		EA	0.0000	44,200.00	2072.9170 W 20721501	00006489

Original

Term Net 30 Days	Tax Rate *NA*	Sales Tax 0.00	Total Order 44,200.00
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ACCEPTANCE OF THIS ORDER IS SUBJECT TO THE TERMS AND CONDITIONS ABOVE AND ON THE REVERSE SIDE OF THIS DOCUMENT
COLORADO TAX EXEMPT #98-03569

Invoice to: Adams County Sheriff's Office Accounts Payable P.O. Box 5001 Brighton, CO 80601 303-655-3237	Inquiries to: Adams County Sheriff's Office Purchasing Department 332 N 19th Ave Brighton, CO 80601 303-655-3236	 92805 MCLEAN, ELISSA R ADAMS COUNTY AUTHORIZED SIGNATURE
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ADAMS COUNTY PURCHASE ORDER TERMS AND CONDITIONS

Quality: Vendor warrants that the goods delivered hereunder will conform to the description stated in this Order and that the goods will be merchantable, of good workmanship and materials, and free from defects. These warranties shall survive inspection, testing and/or acceptance of the goods. At County's option, and without prejudice to any other rights County may have, Vendor shall remedy any defective goods or reimburse County for its costs for remedying or replacing defective goods.

Packing Charges: No charges will be allowed for transportation, boxing, crating or other packaging unless set forth in writing in this Order.

Terms of Payment: Payment in full by County shall be made within thirty (30) days after receipt of invoice from Vendor.

Tax Exempt: County is a tax-exempt government entity, a body politic and corporate. No sales, use or excise taxes shall be included in or added to the prices of materials or goods on this Order. County's tax exempt number is 98-03569.

Appropriation Clause: The payment of County's obligation hereunder in fiscal years subsequent to the current year are contingent upon funds for this Order being appropriated and budgeted. If funds for this Order are not appropriated and budgeted in the year subsequent to the fiscal year of issuance of this Order, the County may terminate this Order. County's fiscal year is the calendar year. Termination under this provision shall not result in any penalty being imposed against County.

Cancellation for Cause: This Order is to be acknowledged properly, and the date of shipment shall be stated definitely in the acknowledgment by Vendor. In the event of Vendor's failure to deliver as and when specified, County reserves the right to cancel this Order, or any part thereof, without affect to its other rights, and Vendor agrees that County may return part or all of any shipment so made and may charge Vendor with any loss or expense sustained as a result of such failure to deliver.

Risk of Loss: If the risk of loss passes at the shipping point, and if Vendor fails to pack the goods in an appropriate manner or to ship them in the manner or route directed by County, Vendor shall reimburse County for any loss resulting from that failure.

Compliance: Vendor represents and warrants that it is in compliance with all applicable laws, rules and regulations that affect this Order.

Patents and Copyrights: Vendor shall indemnify, hold harmless, and defend County, its directors, officers, agents and employees for, from and against any suit, claim or demand alleging infringement of any patent or copyright or misappropriation of any confidential information or trade secret in the United States, in the country of source or country of destination, based on the manufacture, assembly, sale, lease or use of goods, machinery, equipment, apparatus, materials or processes supplied hereunder.

Indemnification: Vendor shall fully protect, indemnify, hold harmless and defend County, its directors, officers, agents and employees for, from and against any and all loss, cost, damage, injury, liability, claims, liens, demands, taxes, penalties, interest or causes of action of every nature whatsoever, including but not limited to those of Vendor's subcontractors, which in any manner arise out of, are incident to, or are in connection with Vendor's performance under this Order.

Jurisdiction and Venue: The laws of the State of Colorado shall govern the interpretation, validity and effect of this Order. Jurisdiction and venue for any disputes arising under this Order shall be with the District Court of Adams County, Colorado.

Assignment: This Order shall not be assigned in whole or in part without the prior written approval of County.

No Waiver of Rights: No actions or lack of action by County shall be deemed a waiver of any of the provisions, terms or conditions set forth herein. Any waiver by County must be in writing.

Entire Agreement: This Order, properly signed, constitutes the entire agreement between County and Vendor. Any alterations, changes, variations, or additional terms by Vendor are rejected unless expressly assented to in writing by County. Acceptance is expressly limited to the terms of this Order; any additional or different terms are of no force and effect and notification of objection to such additional terms is hereby given.

RECEIVED

MAY 01 REC'D

Adams County Sheriff's Office

Adams County Sheriff's Office
Purchase Requisition

Tax Exempt 98-03569

Division: Finance / Purchasing Section/Unit: Detention Facility Date: 5/1/15

Qty	Item	Unit Cost	Total Cost
2	XIS - 6545 Security Check Point Xray	\$20,500.00	\$41,000.00
1	CEIA HIPE Plus Walkthrough Metal Detector	\$3,200.00	\$3,200.00
Deliver to: <u>150 N 10th Avenue 1100 Judicial Center Drive</u> <u>Brighton, CO 80601</u>			
Delivery Contact: <u>John Bongertz</u> <u>(303) 634-3349</u>			
TOTAL			\$44,200.00

Astrophysics, Inc/ #414541 Rob Rich 909-979-7483 909-598-5546
Vendor Name Contact Name Telephone # Fax #

21481 Ferrero Parkway City of Industry CA 91789
Address City State Zip

Requested By: L. Feola, Admin Assistant 5/1/15 Account #: 2072.9170 \$44,200.00
Date Subledger: 20721501

Approved By: [Signature] 050715 Account #: _____
Sheriff / Undersheriff / Chief Date Subledger: _____

PRINT ONE COPY OF THIS FORM, OBTAIN APPROVAL
SIGNATURE AND SEND ORIGINAL TO PURCHASING.

P. O. #

Req # 6489

DO NOT WRITE BELOW THIS LINE

BILL TO:

Adams County Sheriff's Office
Attn: Accounts Payable
P O Box 5001
Brighton, CO 80601-5001

SHIP TO:

Adams County Sheriff's Office
Head Quarters - Administration
332 N. 19th Avenue
Brighton, CO 80601



X-Ray Equipment

VENDOR'S STATEMENT

I have read and fully understand all the special conditions herein set forth in the foregoing paragraphs, and by my signature set forth hereunder, I hereby agree to comply with all said special conditions as stated or implied. In consideration of the above statement, the following bid is hereby submitted.

	Qty	Machine Type	Price Ea	Extended Price	Shipping/Install Cost
Machine #1	1	XIS-6545	\$20,500.00	\$20,500.00	Included
Machine #2	1	XIS-7858	\$22,500.00	\$22,500.00	Included
Machine #3	3	CEIA HIPE Plus	\$3,200.00	\$9,600.00	Included


Please list all extended service options and associated pricing (use additional form if necessary):

See attached supplemental quotation for details on extended service options

WE THE UNDERSIGNED HEREBY ACKNOWLEDGE RECEIPT OF

Addenda # 1 Addenda # _____

If None, Please write NONE.

Astrophysics Inc.	4/10/2015
Company Name	Date
21481 Ferrero Parkway	
Address	Signature
City of Industry, CA 91789	Rob Rich
City, State, Zip Code	Printed Name
Los Angeles	Western Regional Sales Manager
County	Title
909-979-7483	909-598-5546
Telephone	Fax
rrich@astrophysicsinc.com	
Email Address	



Salient Characteristics of X-Ray System Machine Machine 1: Security Check-point X-ray Solicitation # 2015.313

Minimum Specifications	Meet	Exceed	Comments
Physical Configuration			
Tunnel dimensions no less than 24" x 16"	✓	✓	Exceed - The XIS systems tunnel is 25.6" W x 17.7" H
Tunnel must accommodate objects up to at least 24" x 16"	✓	✓	Exceed - The XIS systems can accommodate objects up to 25.4" W by 17.5" H
Conveyor height must be no less than 27"	✓	✓	Exceed - The XIS systems conveyor is 28.7".
Conveyor speed must be at least .20 meters per second	✓		Comply - The XIS systems conveyor speed is 23 cm/s
Maximum Conveyor load (evenly distributed over entire conveyor) minimum 250 lbs	✓	✓	Exceed - The XIS systems maximum conveyor load is 364lbs.
Dimensions should be no more than 90"L x 36"W x 55"H	✓		Comply - The XIS system is 59.7" L x 35" W x 51.4"H
Weight should be no more than 1500 lbs	✓		Comply - The XIS systems weight is 950lbs
Needs to function from 40-90 degrees Fahrenheit	✓		Comply - The XIS systems operating temperature range is 32 - 104 degrees F
Needs to function from 5 - 90% humidity	✓		Comply - The XIS systems humidity range is up to 95%
Units needs to be constructed from steel for durability	✓		Comply - The XIS system is constructed from steel
Power requirements from standard 110 volt outlet (three prong grounded)	✓		Comply - The XIS system operates on 110VAC and plugs into a three pronged outlet.
General Information			
Anode voltage shall be at least 140 kV cp	✓	✓	Exceed - The XIS system has a 180kV X-ray generator which operates at 165kV
Cooling for anode from a sealed oil bath	✓		Comply - The XIS system has a sealed Di-Electric oil bath
X-ray beam needs to be diagonal	✓		Comply - The XIS system X-Ray generator shoots diagonally upward
Penetration of steel needs to be at least 1.18"	✓	✓	Exceed - The XIS systems steel penetration is 39mm typical, 37mm standard.
Resolution for wire detectability needs to be at least .09 mm	✓		Comply - The XIS systems wire resolution is 40AWG typical, 38AWG standard.
L-shaped detector lines	✓		Comply - The XIS systems detectors are in an L shape configuration
Image enhancement functions	✓		Comply - The XIS system offers numerous image manipulation and enhancement features.
Dense area detection	✓		Comply - The XIS systems comes with density alert.

Capability to save and store X-ray images	✓		Comply - The XIS system comes standard with Automatic Image Archiving
Image enlargement to 64x	✓		Comply -- The XIS systems has continuous zoom up to 64x
Flat screen color LCDD monitor at least 19"	✓		Comply -- The XIS system comes with a 19" color LCD monitor
Image should be able to be seen in black/white and color to differentiate organic and inorganic objects	✓		Comply -- The XIS system offers blak/white and color imaging option plus many more.
Single view X-ray	✓		Comply -- The XIS system quoted is single view
USB port to down load images	✓		Comply -- The XIS system has a USB port
Images should be in common format (JPG, TIFF, BMP)	✓		Comply -- images can be save into a JPG format if needed
Image evaluation functions preferred to detect firearms and other weapons	✓		Comply -- The XIS system comes standard with picture perfect
250 gigabyte storage capacity for images	✓	✓	Exceed -- the XIS system comes with a 500GB HDD
Ability to recall images to monitor for training or evidence evaluation purposes	✓		Comply -- The IS system has an archiving system for recall of images.
Battery back-up and surge protection	✓		Comply -- The IS system comes with a UPS
Work station built into the unit	✓		Comply -- The XIS system has a built in AOCP
X-ray leakage meets all applicable laws and regulations with respect to x-ray emitting devices	✓		Comply
CE-labeling in compliance with directives 2004/108/EC, 2006/42/EC, 2006/95/EC	✓		Comply
Protection class system/keyboard IP20/IP43	✓		Comply
Additional Equipment and Services			
.5 meter entry roller table	✓		Comply -- Included in pricing
1 meter exit roller table	✓		Comply -- Included in pricing
Vender shall remove and dispose of old machine	✓		Comply -- Included in pricing
Vendor shall include delivery and installation for the X-ray machine at 1100 Judicial Center Drive, Brighton Colorado 80601	✓		Comply -- Included in pricing
Vendor shall provide comprehensive warranty for at least the first year of system operation and list prices for additional years of service	✓		Comply -- Included in pricing
Vendor shall have both sales and service representation with the Denver-metro area			This requirement was waived
Vendor shall have parts depot local to the Denver-			This requirement was waived

metro area			
Vendor shall respond to service requests within a two hour window (by phone)	✓		Comply
Vendor shall have technicians respond on-site within 24 hours	✓		Comply



Salient Characteristics of X-Ray System Machine
Machine 2: Loading Dock Security X-ray
Solicitation # 2015.313

Minimum Specifications	Meet	Exceed	Comments
Physical Configuration			
Tunnel dimensions no less than 27" x 21"	✓	✓	Exceed - The XIS systems tunnel is 31" W x 23" H
Tunnel must accommodate objects up to at least 27" x 21"	✓	✓	Exceed -- The XIS systems can accommodate objects up to 29.4" W by 22.4" H
Conveyor height must be no less than 27"	✓	✓	Exceed - The XIS systems conveyor is 28.7".
Conveyor speed must be at least .20 meters per second	✓		Comply -- The XIS systems conveyor speed is 23 cm/s
Maximum Conveyor load (evenly distributed over entire conveyor) minimum 250 lbs	✓	✓	Exceed -- The XIS systems maximum conveyor load is 364lbs.
Dimensions should be no more than 90"L x 42"W x 60"H	✓		Comply -- The XIS system is 74" L x 41" W x 60"H
Weight should be no more than 1500 lbs	✓		Comply -- The XIS systems weight is 950lbs
Needs to function from 40-90 degrees Fahrenheit	✓		Comply -- The XIS systems operating temperature range is 32 -- 104 degrees F
Needs to function from 5 -- 90% humidity	✓		Comply -- The XIS systems humidity range is up to 95%
Units needs to be constructed from steel for durability	✓		Comply -- The XIS system is constructed from steel
Power requirements from standard 110 volt outlet (three prong grounded)	✓		Comply -- The XIS system operates on 110VAC and plugs into a three pronged outlet.
General Information			
Anode voltage shall be at least 140 kV cp	✓	✓	Exceed -- The XIS system has a 180kV X-ray generator which operates at 165kV
Cooling for anode from a sealed oil bath	✓		Comply -- The XIS system has a sealed Di-Electric oil bath
X-ray beam needs to be diagonal	✓		Comply -- The XIS system X-Ray generator shoots diagonally upward
Penetration of steel needs to be at least 1.18"	✓	✓	Exceed -- The XIS systems steel penetration is 39mm typical, 37mm standard.
Resolution for wire detectability needs to be at least .09 mm	✓		Comply -- The XIS systems wire resolution is 40AWG typical, 38AWG standard.
L-shaped detector lines	✓		Comply -- The XIS systems detectors are in an L shape configuration
Image enhancement functions	✓		Comply -- The XIS system offers numerous image manipulation and enhancement features.
Dense area detection	✓		Comply -- The XIS systems comes with density alert.

Capability to save and store X-ray images	✓		Comply - The XIS system comes standard with Automatic Image Archiving
Image enlargement to 64x	✓		Comply – The XIS systems has continuous zoom up to 64x
Flat screen color LCDD monitor at least 19"	✓	✓	Exceed – The XIS system comes with dual 19" color LCD monitor
Image should be able to be seen in black/white and color to differentiate organic and inorganic objects	✓		Comply – The XIS system offers blak/white and color imaging option plus many more.
Single view X-ray	✓		Comply – The XIS system quoted is single view
USB port to down load images	✓		Comply – The XIS system has a USB port
Images should be in common format (JPG, TIFF, BMP)	✓		Comply – images can be save into a JPG format if needed
Image evaluation functions preferred to detect firearms and other weapons	✓		Comply – The XIS system comes standard with picture perfect
250 gigabyte storage capacity for images	✓	✓	Exceed – the XIS system comes with a 500GB HDD
Ability to recall images to monitor for training or evidence evaluation purposes	✓		Comply – The IS system has an archiving system for recall of images.
Battery back-up and surge protection	✓		Comply – The IS system comes with a UPS
Work station built into the unit	✓		Comply – The XIS system has a detached workstation built into it.
X-ray leakage meets all applicable laws and regulations with respect to x-ray emitting devices	✓		Comply
CE-labeling in compliance with directives 2004/108/EC, 2006/42/EC, 2006/95/EC	✓		Comply
Protection class system/keyboard IP20/IP43	✓		Comply
Additional Equipment and Services			
.5 meter entry roller table	✓		Comply – Included in pricing
1 meter exit roller table	✓		Comply – Included in pricing
Vender shall remove and dispose of old machine	✓		Comply – Included in pricing
Vendor shall include delivery and installation for the X-ray machine at 1100 Judicial Center Drive, Brighton Colorado 80601	✓		Comply – Included in pricing
Vendor shall provide comprehensive warranty for at least the first year of system operation and list prices for additional years of service	✓		Comply – Included in pricing
Vendor shall have both sales and service representation with the Denver-metro area			This requirement was waived
Vendor shall have parts depot local to the Denver-			This requirement was waived

metro area			
Vendor shall respond to service requests within a two hour window (by phone)	✓		Comply
Vendor shall have technicians respond on-site within 24 hours	✓		Comply

Walk-Through Metal Detector Comparison

Feature	CEIA HI-PE Multizone PLUS	Garrett PD6500i
Number of Alarm Zones	60	33
Number of Alarm Indication Bars	4	2
Alarm Location Indicators	Vertical, Lateral (<i>highly accurate</i>)	Vertical, Lateral (<i>with limited accuracy</i>)
Pacing Lights (Wait and Proceed)	Yes, Entry or Exit Side	Yes, Entry Side Only
Number of Security Programs	50	22
Program Compliance	Security programs based on predefined Standards. (<i>Detection guaranteed for corresponding test pieces, including: NIJ 601.02 Large Object, Assembled Guns and Disassembled Guns</i>)	Programs identified by facility description (Airport, School, Courthouse, etc.) (<i>Detection not guaranteed for any predefined test objects</i>)
Metal Types Detected	Ferrous and Non-Ferrous	Ferrous and Non-Ferrous
Metal Type Indication	Yes	Not Available
Configuration and Programming	Automatic via simple "One Touch Set-up" program. (<i>Can be completed by a person without having prior knowledge of programming for the WTMD</i>)	Manual
Rapid Programming Adjustment	Yes, by use of Chip Cards	Not Available
Electrical Interference Management and Troubleshooting	Automatic via simple "Electrical Noise Adjustment" program. (<i>Can be completed by a person without having prior knowledge of programming for the WTMD</i>)	Manual (<i>Company Technician or trained individual needed to resolve issues</i>)
Directional Counter	Yes	Yes
Networking Option	Yes	Yes
Remote Control Option (Infra Red)	Yes	Not Available
Electrical Safety	Utilizes safe low voltage, Direct Current power (~30Vdc)	Uses 110 volt Alternating Current (<i>Possible Shock Hazard</i>)
Continuously Active Detection (Target Items Always Detected)	Yes	Yes, unless unit is set to activate only by breaking photocell beam (<i>Hides enviromental noise and leaves holes in detection</i>)