



ASTROPHYSICS™

21481 Ferrero Parkway
City of Industry, CA 91789
[P] 909.598.5488
[F] 909.598.5546

www.astrophysicsinc.com

To: Ms. Donna Evans

Date: February 22, 2021

Ref: Jefferson Parish Bid 50-00133349

Dear Ms. Evans,

Astrophysics is pleased to respond to Jefferson Parish referenced bid for a 5030 size X-Ray System and CEIA HI PE Plus /PZ Walk Thru Metal Detector. Astrophysics XIS-5335S meets or exceeds all of the required specifications, and significantly exceeds the steel penetration specification of 14mm with 37mm of steel penetration.

Both units comply fully to the provided specifications of the bid and come with a full one-year warranty for parts and labor. Also included is pricing for the extended years 2-5 (4 year) warranty. Astrophysics has presumed the system to be installed and deployed at the same time in Jefferson Parish. Terms of the bid are FOB Agency Destination. Total price for all bid items is \$30,435.

As part of our bid, we have included the completed bid form, completed Corporate Resolution, notarized Affidavit, and Astrophysics insurance certificate with the required coverages as stated in the bid packet. Also included are the brochures for the XIS-5335S X-ray system and the CEIA HI PE Plus /PZ Walk Thru Metal Detector.

Astrophysics is a leading designer and manufacturer of security screening and X-Ray equipment. Astrophysics manufactures most products in the US and primarily sources from local California and US vendors. We pride ourselves on product value, professional integrity and exceeding customer satisfaction. We look forward to providing your security screening needs.

Sincerely,

Michael Gildea
Director, North American Sales

DATE: 1/25/2021

Page: 6

BID NO.: 50-00133349

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 X

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____

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

6 WEEKS ARO

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

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: ASTROPHYSICS INC.

ADDRESS: 21481 FERRERO PARKWAY

CITY, STATE: CITY OF INDUSTRY, CA ZIP: 91789

TELEPHONE: (909) 510.7585 FAX: ()

EMAIL ADDRESS: MGILDEA@ASTROPHYSICSINC.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: _____

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 30,435.

AUTHORIZED SIGNATURE: Michael A. Gildea

MICHAEL A. GILDEA

Printed Name

TITLE: DIRECTOR NORTH AMERICA SALES

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 envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00133349

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 INSTALL ONE (1) NEW WALK-THROUGH INSPECTION SYSTEM AND ONE (1) NEW WALK-THROUGH MULTI-ZONE DETECTOR FOR THE JEFFERSON PAR DEPT OF GENERAL SERVICES</p> <p>0010-HI-SCAN 5030c X-RAY INSPECTION SYSTEM TO INCLUDE THE FOLLOWING:</p> <p>*19 LCD MOINTOR *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 ITEM#: 11128856</p>	\$15,500	\$15,500
2	1.00	EA	<p>0020-1/2-METER INPUT ROLLER 5030c ITEM#: 11117812</p>	\$400	\$400
3	1.00	EA	<p>0030-1/2-METER OUTPUT ROLLER 5030c ITEM#: 11117811</p>	\$400	\$400
4	1.00	EA	<p>0040-ON-SITE EXTENDED WARRANTY WITH PREVENTATIVE MAINTENANCE TO INCLUDE:</p> <p>*ON-SITE SERVICE COVERAGE 8:30 AM 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 (NCLUDED) OPTIONAL FIVE YEARS TOTAL ITEM#: OSPM-5030</p>	\$8000	\$8000
5	1.00	EA	<p>0050-SHIPPING AND HANDLING FOR 5030c X-RAY INSPECTION SYSTEM</p>	\$1000	\$1000

DATE: 1/25/2021

INVITATION TO BID FROM JEFFERSON PARISH - continued

Page 8

BID NO.: 50-00133349

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
6	1.00	EA	0060-INSTALLATION OF 5030c LEAK RADIATION LEAK SURVEY AND OPERATOR ORIENTATION	\$1000	\$1000
7	1.00	EA	0070-HIPE PLUS/PZ WALK THROUGH METAL DETECTOR ITEM#: CEIA-211	\$3200	\$3200
8	1.00	EA	0080-SHIPPING AND HANDLING FOR HIPE PLUS/PZ WALK THROUGH METAL DETECTOR	\$500	\$500
9	1.00	EA	0090-INSTALLATION FOR HIPE PLUS/PZ UNIT INSTALLATION AND OPERATOR ORIENTATION NEEDED FOR BUILDING SECURITY AT THE NEW EMPLOYEE ENTRANCE TO THE GOVERNMENT COMPLEX (COVID-19 RELATED) REF NO. 8143 20 ORDERED BY/FOR: T.HOSKINS QUOTE ATTACHED CONTACT: J.P. GENERAL SERVICES ATTN: TIM HOSKINS 960 1ST STREET GRETN, LA 70053 (504)364-3470 RE-BID #50-132518	\$435	\$435

Non-Public Works Bid

AFFIDAVIT

STATE OF MASSACHUSETTS

PARISH/COUNTY OF MIDDLESEX

BEFORE ME, the undersigned authority, personally came and appeared: MICHAEL GILDEA, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized DIRECTOR SALES of ASTROPHYSIS (Entity), the party who submitted a bid in response to Bid Number 50 - 00133349, 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.

Michael A. Gildea
Signature of Affiant

MICHAEL A. GILDEA
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 23RD DAY OF FEBRUARY, 2021.

Daniel Walbourne
Notary Public

DANIEL WALBOURNE
Printed Name of Notary

Notary/Bar Roll Number

My commission expires 4-25-2025.



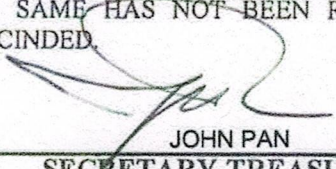
CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
ASTROPHYSICS INC.
INCORPORATED.

AT THE MEETING OF DIRECTORS OF ASTROPHYSICS INC.
INCORPORATED, DULY NOTICED AND HELD ON FEBRUARY 22, 2021,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT MICHAEL GILDEA, 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.


JOHN PAN

SECRETARY-TREASURER

FEBRUARY 22, 2021

DATE



ASTRO-1

OP ID: DS

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/01/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Shorepoint Insurance Services CA License # 0K07568 1120 Bristol St. Costa Mesa, CA 92626-5964 Ray Markley		714-430-0035		CONTACT NAME: Kathryn Stjernstrom PHONE (A/C, No, Ext): 714-430-0035 FAX (A/C, No): E-MAIL ADDRESS: kstjernstrom@shorepointinsurance.com	
INSURED Astrophysics, Inc. 21481 Ferrero Parkway City of Industry, CA 91789				INSURER(S) AFFORDING COVERAGE	
				INSURER A: Hartford Fire Insurance Co. NAIC # 19682	
				INSURER B: Hartford Casualty Insurance Co. 29424	
				INSURER C: Hartford Accident & Indemnity 22357	
				INSURER D:	
				INSURER E:	
				INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW 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. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> \$10K Deductible GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		72CESOF6976	12/01/2020	12/01/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
C	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY		72UUNPT2515	12/01/2020	12/01/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		72XSON0842	12/01/2020	12/01/2021	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	72WEAB6975	12/12/2020	12/12/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER 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 (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

FOR THE PURPOSES OF PROOF ONLY

CERTIFICATE HOLDER

CANCELLATION

PROOFON

FOR THE PURPOSES OF PROOF ONLY

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

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ASTROPHYSICS®



XIS-5335S™



PRODUCT HIGHLIGHTS

Small Footprint

Powerful 160kV Generator

High Image Resolution with
24-Bit Color

Enhanced Material Discrimination

Windows Operating System
with Intel® Core™ Processor

The XIS-5335S™ is a compact but powerful X-Ray Inspection System (XIS) that provides more power than any system in its cabinet size. Capable of fitting through standard doorways, the system's small footprint allows for easy relocation and installation, while the 160kV generator provides improved detection in small objects, such as bags, backpacks, and mail parcels.

Combined with Astrophysics' best-in-class software, the XIS-5335S helps operators quickly identify threats using 6-color material discrimination and high-contrast filters that provide alternative perspectives on scanned objects. Superior image quality ensures higher throughput, making the XIS-5335S the ideal space-saving solution for sites that require powerful protection against weapons, narcotics, and contraband.

The Astrophysics XIS-5335S is designed and assembled in the United States to the highest quality standards. For nearly twenty years, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners.

TOMORROW'S TECHNOLOGY FOR TODAY'S SECURITY™

GENERAL SPECIFICATIONS

Tunnel Size:	53.3 cm x 35.8 cm (WxH) 21.0" x 14.1"
Dimensions: ¹ (LxWxH)	133.1 cm x 76.4 cm x 122.5 cm 52.4" x 30.1" x 48.2"
Net Weight: ¹	297 kg (654 lbs)
Shipping Weight: ¹	365 kg (804 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Height:	72.9 cm (28.7") from Floor
Conveyor Capacity:	165 kg (364 lbs) Evenly Distributed Load

TECHNICAL

Wire Resolution:	40 AWG Typical, 38 AWG Standard
Steel Penetration: ²	39 mm Typical, 37 mm Standard

X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	160kV, Operating at 150kV
Tube Current:	0.7 mA
Cooling:	Sealed Di-Electric Oil Bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Diagonally Upward

COMPUTER & VIDEO

Platform:	Windows® OS
Memory:	4 GB RAM
Storage Capacity:	1 TB HDD, 240 GB SSD
Power Conditioner:	Automatic Voltage Regulator (AVR), 600 VA
Display Type:	Single 19" Flat Panel Color Monitor
Display Resolution:	1280 x 1024; 24 Bit/Pixel Color

ENVIRONMENTAL

Operating Temperature:	0°C to 40°C \ 32°F to 104°F
Storage Temperature:	-20°C to 60°C \ -4°F to 140°F
Humidity:	Up To 95% Non-Condensing

ELECTRICAL

System Power:	110 VAC +/- 10% 50/60Hz, 15 Amp Max 220VAC +/- 10% 50/60Hz, 10 Amp Max
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HEALTH & SAFETY

Compliant with USFDA Center for Devices and Radiation Health Standards for Cabinet X-Ray Systems (21-CFR 1020.40)
Typical radiation leakage is less than 0.1 mR/hr
(Leakage less than 0.5 mR/hr permitted by U.S. Federal Standards)

STANDARD FEATURES

6 Color Imaging
Color and Black/White Imaging
Geometric Image
Distortion Correction
High Penetration Function
Organic/Inorganic Imaging
Picture Perfect
Pseudo Color
Real-Time Image Manipulation
Reverse Monochrome

Atomic Z-Number Measurement
Material Discrimination

9 Quadrant Zoom
Continuous Scanning
Continuous Zoom Up to 64x
Vertical Zoom Panning

Auto Image Archiving
Image Review
Save Image (RGB)

Image Annotation
JPEG Conversion
Print Image Capable

Multi-Tier Accessibility
Network Ready
Real-Time Self Diagnostics

Baggage Counter

OPTIONAL FEATURES³

Barcode Scanning
Density Alert⁴
Local Language
Safe Passage®
Computer Based Training
Screener Assist Software
Test Case
Threat Image Projection
(TIP) Software

24" Flat Panel Monitor
Custom Paint
Dual Monitors (19" or 24")
Environmental Kit
Entry/Exit Roller Tables
Footmat Operator Interlock
Heavy Duty Casters
Long Conveyor⁵
Mobility Kit
Radiation Meter
Remote Workstation Configuration
Uninterruptible Power Supply (UPS)



ISO 9001: Certified

¹Weight and dimensions of the system may vary depending on customization.

²As tested on Astrophysics Inc. Test Piece.

³Optional Features may affect lead time, price, and weight of product. Please contact your Astrophysics Sales Representative for more information.

⁴Not available for dual-view systems or VI7.

⁵Conveyor length will vary depending on system's dimensions.

Due to continued product research and development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.

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