

RESOLUTION NO. 22-221

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING AN AGREEMENT WITH LARSON ELECTRONICS, LLC FOR THE PURCHASE OF A PORTABLE SUVEILLANCE CAMERA TOWER IN THE AMOUNT OF \$43,053.74; AND AUTHORIZING A BUDGET AMENDMENT TO REFLECT THE RECEIPT AND EXPENDITURE OF THESE FUNDS.

BE IT RESOLVED that:

1. The appropriate officers of the City are authorized to accept and deliver on behalf of the City that certain Agreement between the City and Larson Electronics, Inc., relating to purchase of a portable surveillance camera tower, in the amount of Forty Three Thousand, Fifty Three Dollars and Seventy Four Cents (\$43,053.74), in substantially the form **attached as Exhibit A** and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.
2. The following budget amendment #48 is adopted for the City of Panama City Beach, Florida, for the fiscal year beginning October 1, 2021 and ending September 30, 2022, as shown in and in accordance with the **attached and incorporated Exhibit B**, to reflect the receipt and use of these funds from the Tourist Development Council for this purpose.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 22nd day of September, 2022.

CITY OF PANAMA CITY BEACH, FLORIDA

By: _____

Mark Sheldon, Mayor

ATTEST:


Lynne Fasone, City Clerk

NOTICE OF AWARD

TO: Robert Bresnahan - Larson Electronics

9419 E. U.S. Hwy 175,

Kemp, TX 75143-3357

PRODUCT DESCRIPTION:

PCB22-74R ITB Portable Surveillance Camera Tower

The City of Panama City Beach ("City") has considered the BID submitted by you for the above-described Product in response to its Advertisement for Bids dated 08-11, 2022 and associated Information for Bidders.

You are hereby notified that your pricing schedule has been accepted by the City. Provided, however, nothing in this Notice or your delivery to the City of the Agreement executed by you shall in any manner or way be deemed to create any contract between you and the City. No such contract shall be created unless and until the City signs the Agreement.

You are required by the Information for Bidders to execute the Agreement.

If you fail to execute said Agreement within ten (10) calendar days from the date of this Notice, City will be entitled to consider all your rights arising out of City's acceptance of your BID as abandoned.

You must return an acknowledged copy of this Notice of Award to the City, with the executed Agreement and required Certificates of Insurance and Bonds, within the above noted ten (10) calendar day period.

Dated this 26 day of Sept., 2022.

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK.]

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

CITY OF PANAMA CITY BEACH

Owner

By  _____

Name: Drew Whitman

Title: City Manager

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged

By Larson Electronics (Robert Bresnahan)

This the 4th day of October, 2022.

Name Robert Bresnahan 

Title President

[END OF NOTICE OF AWARD]

AGREEMENT

THIS PORTABLE SURVEILLANCE CAMERA TOWER PURCHASE AGREEMENT is made and entered into this 26 day of September, 2022 by and between the **CITY OF PANAMA CITY BEACH, FLORIDA**, a municipal corporation (City) and Larson Electronics (Contractor).

PREMISES

1. SCOPE OF SERVICES

Vendor will furnish and deliver a portable surveillance camera tower for the City of Panama City Beach Police Department as detailed in the bid # **PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER**.

If the Vendor believes that any particular work/service is not within the scope of work/service of the contract, is a material change, or will otherwise require more compensation to the Vendor, the Vendor must immediately notify the City's Representative in writing of this belief. If the City's Representative believes that the particular work/service is within the scope of the contract as written, the Vendor will be ordered to and shall continue with the work/service as changed and at the cost stated for the work/service within the scope. The Vendor must assert its right to an adjustment under this clause within thirty (30) days from the date of receipt of this agreement.

2. PAYMENT

The Vendor will invoice for payment to the City when the City takes possession after satisfactory inspection of the portable surveillance camera tower. The invoice(s) shall be delivered to accounts payable at City Hall, 17007 Panama City Beach Parkway, Panama City Beach, Florida 32413 no later than three days after the closure date of the calendar month.

3. TERM

Unless terminated sooner pursuant to the provision of the Termination clauses and subject to the availability of funds appropriated for this purpose, this Agreement shall take effect on the executed date of award through time of delivery, satisfactory inspection and acceptance of the portable surveillance camera tower.

4. INSURANCE

Bidder shall at its expense maintain in force during the Term the insurance on policies and insurers acceptable to the City as required by the City's Insurance Requirements attached hereto as Exhibit "A."

Within thirty days of the date of the Award, and thereafter upon the written request of the City, Bidder shall furnish to the City such certificates of coverage and certified copies of policies pursuant to the City's Insurance Requirements In order to satisfy this provision, the documentation required by this part must be sent to the following address: Attn: Lori Philput, Risk Manager, 17007 Panama City Beach Parkway, Panama City Beach, FL 32413.

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

5. INDEMNIFICATION:

Regardless of the coverage provided by any insurance, the successful Bidder shall indemnify, save harmless and defend the City, its agents, servants, or employees from and against any and all claims, liability, losses and/or causes of action which may arise from any negligent act or omission of the successful Bidder, its sub-Bidders, agents, servants or employees during the course of performing services or caused by the goods provided pursuant to these Bid documents and/or resultant contract.

If any third-party claim is made against the City that, if sustained, would give rise to indemnification liability of the Bidder under this Agreement, the City shall promptly cause notice of the claim to be delivered to the successful Bidder and shall afford the Bidder and its counsel, at the Bidder's sole expense, the opportunity to join in defending or compromising the claim. The covenants contained in this paragraph shall survive the termination of this Agreement.

6. WARRANTY

The Vendor agrees that, unless otherwise specified, the product and/or service furnished as a result of this invitation and award thereto shall be covered by the most favorable commercial warranty the Contractor gives to any customer for comparable quantities of such products and/or services and that the right and remedies provided herein are in addition to and do not limit any rights afforded to the City by any other provision of the invitation/offer.

7. ATTORNEY'S FEES

Should either party institute any legal action or proceeding to enforce this Agreement, or for damages by reason of any alleged breach of this Agreement, or for a declaration of rights hereunder, the prevailing party in any such action or proceeding shall be entitled to receive from the other party all costs and expenses, including without limitation reasonable attorneys' fees, incurred by the prevailing party in connection with such legal action or proceeding.

8. TIME

Time is of the essence in this Agreement. Delivery required within 8 weeks from placing the order.

9. REMEDIES

In the event of failure of the Vendor to deliver services in accordance with the contract terms and conditions, the City, after due written notice, may procure the services from other sources and hold the Vendor responsible for any resulting additional purchase and administrative costs. This remedy shall be in addition to any other remedies that the City may have. Failure to cure a breach of a material term hereunder within twenty-four (24) hours of Contractor's receipt of written notice thereof shall entitle the City to terminate this Agreement. All rights and remedies conferred upon the parties in this Agreement are governed by the laws within the State of Florida.

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

10. CHOICE OF LAW & VENUE

This Agreement shall be governed by the laws of the State of Florida. Any legal proceeding regarding this Agreement shall be brought in the 14th Judicial Circuit in Bay County, Florida.

11. ASSIGNMENT

This Agreement is not assignable.

12. SEVERABILITY

In the event any provision of this Agreement shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof.

13. MODIFICATIONS

No modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the City and Vendor.

14. WAIVER

Failure by the City to enforce any provision of this Agreement shall not be deemed a waiver of the provision or modification of this Agreement. A waiver by the City of any breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of this Agreement.

15. TERMINATION AND SUSPENSION

City Termination for Cause. The Agreement may be terminated by the City for cause in the event of any breach hereof, including, but not limited to, Contractor's: (1) failing to carry forward and deliver the product as provided herein; (2) failing to comply with applicable laws, regulations, permits, or ordinances; (3) failing to timely correct defective Work; (4) making a general assignment for the benefit of its creditors; (5) having a receiver appointed because of insolvency; (6) filing bankruptcy or having a petition for involuntary bankruptcy filed against it; (7) failing to make payments when due to subcontractors, vendors, or others for materials or labor used in the Work; (8) making a material misrepresentation to the City regarding the Work, (9) arrest or conviction of felony or fraud, or (10) any other material breach of this Agreement. In such event, the City shall provide Contractor with written notice of its intention to terminate this Agreement, stating the nature of the deficiency and the effective date of termination. At the City's sole judgment and discretion, the City may afford Contractor an opportunity to cure said deficiency, in which event the notice shall specify the time allowed. Upon termination, the City may take possession of the premises and of all materials thereon and finish the Work by whatever means it deems expedient.

City Termination for Convenience. Notwithstanding any other provision hereof, the City may at any time terminate this Agreement or any Work issued under it, in whole or in part,

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

without cause, upon thirty (30) days written notice to Vendor. In such event, Vendor shall be compensated for any Work performed prior to the date of termination and for materials that were ordered prior to receipt of notice of termination that cannot be returned to the vendor, which shall become City property. Upon receipt of notice, Vendor shall discontinue the Work on the date and to the extent specified therein and shall place no further orders for materials, equipment, services, or facilities, except as needed to continue any portion of the Work not terminated. Vendor shall also make every reasonable effort to cancel, upon terms satisfactory to the City, all orders or subcontracts related to the terminated Work. Vendor may not claim any compensation not specifically provided for herein, including, but not limited to loss of anticipated profits, idle equipment, labor, and facilities, any additional claims of subcontractors and vendors.

16. NOTICES

Any notice required by this Agreement shall be directed to the parties as follows:

A. As to City:

City Representative: John Deegins

Title/Position: Captain

17007 Panama City Beach Pkwy., PCB, FL 32413

Phone: 850-258-4881

B. As to Vendor:

Contract Representative: Robert Bresnahan - Larson Electronics

Title/Position: Owner - CEO

Email address: rb@larsonelectronics.com

Mailing address: 9419 E. U.S. Hwy 175

Kemp, TX 75143

Phone/Cell: 214-616-6180

17. AGREEMENT

This Agreement, and any exhibits or appendixes attached hereto and incorporated herein, constitutes the entire agreement between parties pertaining to the subject matter hereof, and supersedes all prior and contemporaneous agreements, understandings, negotiations, and discussions of the parties, whether oral or written, and there are no representations, warranties, covenants, or other agreements among them.

The term "Agreement" means and includes the following documents, all of which are incorporated into this Agreement by this reference:

ADVERTISEMENT FOR BIDS

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

INFORMATION FOR BIDDERS
SCOPE OF WORK /SPECIFICATIONS
BID PROPOSAL FORM
STATEMENT UNDER SECTION 287.087, FLORIDA STATUTES, ON
PREFERENCE TO BUSINESSES WITH DRUG-FREE WORKPLACE
PROGRAMS
PUBLIC ENTITY CRIMES STATEMENT
NON-COLLUSION AFFIDAVIT
E-VERIFY
TERMS AND CONDITIONS
NOTICE OF AWARD
AGREEMENT
EXHIBIT A
[ANY ADDITIONAL EXHIBITS OR APPENDICES)

ADDENDA (S)

No. _____, dated _____, 20__

No. _____, dated _____, 20__

No. _____, dated _____, 20__

No. _____, dated _____, 20__

[Remainder of this page is intentionally left blank]

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

IN WITNESS WHEREOF, the Vendor has executed this Agreement as of the day and year first above written.

Signed in the presence of: Vendor

Witness 1 Jake Hurley

(Print Name): Jake Hurley

By: *[Signature]* Robert Bresnahan

Witness 2

(Print Name):

ATTEST:

**THE CITY OF PANAMA CITY
BEACH, FLORIDA,**
a municipal corporation

 Lynne Fasone
City Clerk

By: *[Signature]*
Drew Whitman , City Manager

CITY OF PANAMA CITY BEACH
BUDGET TRANSFER FORM BF-10

BA# 48

LEDGER ACCOUNT	ACCOUNT DESCRIPTION	APPROVED BUDGET	BUDGET ADJUSTMENT	AMENDED BUDGET
TO 001-0000-337.21-00	TDC Public Safety	(1,127,022.00)	(43,054.00)	(1,170,076.00)
TO 001-2101-521.64-20	Machinery and Equipment	1,296,345.00	43,054.00	1,339,399.00
	Check Adjustment Totals:	169,323.00	0.00	169,323.00

BRIEF JUSTIFICATION FOR BUDGET ADJUSTMENT:

To reflect a portion of the additional funding pledged by the TDC for the purchase of equipment and to appropriate this funding for the purchase of a portable surveillance camera tower for the Police Department

FINANCE REVIEW: _____

RESOLUTION #: _____

DATE: _____



CITY OF PANAMA CITY BEACH
 17007 Panama City Beach Parkway, Panama City Beach, FL 32413
 PCB22-74R ITB Portable Surveillance Camera Tower

8/31/2022
 1:30 PM

	CONTRACTOR/VENDOR	DATE BID RECEIVED	TIME BID RECEIVED	BID FORM	BIDDERS QUALIFICATION FORM	Product Specs References/Experience	DRUG-FREE WORKPLACE	PUBLIC ENTRY CRIMES STATEMENT	E-VERIFY	CONFLICT OF INTEREST	NON-COLLUSION AFFIDAVIT	BID PRICE	RESPONSIVE BID THE MINIMUM REQUIREMENTS WERE PROVIDED
1	Larson Electronics	08/26/22	12:07PM - Paper	X	X		X	X	X	X	X	\$43,053.74	Yes
2	Technology International	08/31/22	12:16PM - Demandstar	X	X		X	X	X	X	X	\$58,500.00	No
3	Industrial Video & Control	08/31/22	1:29PM - Demandstar									0	No
4													
5													
6													
7													
8													
9													
10													

SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2

45' Portable Solar Security Tower - 7.5' Trailer - (4) LED Lights (2) IP Cameras, 2TB NVR - Router/4G Hotspot - Backup Gas Gen - NDAA

Product ID: 242884

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2 Trailer Mounted Solar Security Mast

Mast Specs

Tower Length: Telescoping from 45'

Stages: 5

Mast Head Length: 44"

Materials: Steel

Finish: Powder Coated - Gloss Blue

Operation: Electric Winch

Mast Cable: -

Solar Specs

Panels: (2) 300 Watt panels

Method of Deployment: Fixed Mount

System Voltage: 12 Volts

Solar Charge Controller: 40A MPPT

Battery Bank: (6) 40aH Lithium-Ion Batteries

Battery Capacity: 240aH Total / 240aH Usable

Battery Charger: 120V

Inverter: NA

System Runtime: -

Gas Generator Specs

Unit Type: Gas-powered Generator

Engine: 420CC 15 HP OHV

Rated Power: 7,000W output, 9,000W peak

Fuel Capacity: 6.5 gallons

Voltage: 120V 20A, 120/240V 30A, 120V 30A, 12V DC

Starting System: Recoil & Electric

Autostart: When Battery Bank Reaches Below 30% Capacity

IP Camera Specs

Camera Qty: (2)

Camera Type: Security Cameras

Quick Summary

National Defense Authorization Act (NDAA) Compliant

45' Solar Light Tower

Steel Construction

Powder Coated Finish

Removable Mast Head

125 mph Wind Resistance

Electric Winch Operation

(2) 300 Watt Solar Panels

Fully Solar, No Fuel Needed

120V Battery Charger

Foldable Tongue

2 TB NVR

GPS Tracking

Collapsed Mast Clears Standard Bridges

Camera Dimensions: 14.38" H x 7.12" D
Camera Weight: 9 lbs
Total Watts: 51 (Max)
Voltage: 24V AC (PoE - 802.3at)
Image Sensor: CMOS
Connectors: 1.0Vp-p, 75 Ohm, BNC
Effective Pixels: 2.1 MP, 1920 x 1080 Resolution
Min. Illumination: 0.02 Lux @ F1.8 AGC On, 0 Lux w/ IR
Electronic Shutter: 1 - 1/10,000s
Lens: 4.7-94mm Varifocal Lens
Angle of View: 58.3° (Wide) ~ 3.2° (Tele)
Optical Zoom: 20x
Day/Night: ICR
IR Distance: 492' (850 nm)
Video Framerate: 1080p @ 30fps
Video Offload: MP4
Video Output: (1) BNC
Language: English

Ambient Temperature Range: -22°F to 149°F
Housing Materials: Aluminum
Lens Material: Polycarbonate
Mounting: Tower

LED Light Specs

Lamp Qty: (4)
Lamp Type: CREE LED
Single-lamp Dimensions: W-9" D-3.25" H-6.5"
Voltage: 11-25 Volts AC/DC
Total Watts: 240W
Single-lamp Watts: 60W
Total Lumens: 21,600 lms
Single-lamp Lumens: 5,400 lms
Luminous Efficacy: 90 lm/w
LED Life Expectancy: 50,000+ hours
Color Temp: 5600K, 4000K or 3000K
Color Rendering Index: 80
Beam Angle: 60° Vertical, 75° Horizontal
Lighting Configuration: Flood Beam
Sensor: Day/Night w/ Manual Override
Ambient Temp Range: -50°C to +70°
Housing Material: Cast Aluminum
Lens Material: Polycarbonate
Mounting: Tower

Network Video Recorder Specs

Storage Capacity: 2 TB SATA Hard Drive
Channels: 8
Camera Resolution Support: Up to 8 MP
Installation Type: Plug and Play
Incoming/Outgoing Bit Rate: : 40 Mbps/80 Mbps
Frame Rate (fps): 60 fps per Channel
Recording Modes: Continuous, Schedule, Event, Motion Detection and VCA
Export Format: MP4
Video Outputs: (1) RCA, (1) VGA, (1) HDMI, (1) USB 2.0 (Front), (1) USB 3.0 (Rear)
PoE: = 120W, Supported Standards- 802.3af and 802.3at
Alarm Input: 4x (Rear Panel), Camera Dependent
Alarm Output: 1x (Rear Panel), Camera Dependent
Protocols: IPv4, TCP/IP, UDP, HTTP, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, ONVIF, HTTP Multipart
Materials: Aluminum

Router/Antenna Specs

Wireless Router Type: Pepwave MAX BR1 MK2 Router w/ CAT6 LTE Advanced Modem (Wireless Access Network and Cell Network)
WAN Interface: (1) GE, (1) Embedded LTE-A Modem
LAN Interface: (1) GE
Wi-Fi Interface: 802.11ac/a/b/g/n 2x2 MIMO Simultaneous Dual-Band, Wi-Fi WAN & AP
Router Throughput: 100Mbps
4G Bands: FDD LTE- B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30,

B41
3G Bands: WCDMA/HSPA+/DC-HSPA+ B1, B2, B3, B4, B5, B8
Recommended Users: 1-60
GPS Tracking: Built-in
SIM Slots: (2)
Cellular and GPS Antenna Connector: (2) SMA Antenna Connectors, (1) SMA GPS Antenna Connector, (2) Wi-Fi Connector
Power Input: DC Jack/Terminal Block: 10V – 30V DC
Power Consumption: 16W (Max)
Antenna: 6dbi (Not included)

Trailer Specs

Materials: Steel
Trailer Dimensions: 10'L x 6'W (Trailer Bed) - 14'L (Tow Length)
Trailer Footprint: 14.65'L x 12.91'W
Wiring: 7-Pin Flat
Axle: 3,500lb
Suspension: 3,500 Lb 4-Leaf Double Eye Springs
Leveling Jacks: (4) 1,000 Manual Crack Leveling Jacks
Wheels: (2) 15" 5x4.5 Steel Rims
Tires: ST205/75/D16 H188
Hitch: 2" Ball Coupler
Transport Dimensions: 160.68"-L x 88"-W x 81.15"-H
Weight: +-1200 lbs
Shipping: Common Freight
Shipping Dimensions: 14'L x 10'W x 12'H
Shipping Weight: -
Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Special Orders- Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2 Portable Security Tower provides a safe and effective way for operators to monitor locations from elevated positions up to 45`. This solar security assembly features a telescoping tower with a removable mast head for storage when not in use. Two NDAA compliant bullet security cameras can be used to record images, which is supported by a 2TB NVR. Equipped with four LED lights and GPS tracking, an included router facilitates wireless access point and cell network connections. This unit features two 300-watt solar panels (fixed mount), a 120V battery charger and a 240aH capacity lithium-ion battery bank.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO LIGHT MASTS OR LIGHT TOWERS

The SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2 is a complete, portable solar-powered security system for outdoor and remote locations. This unit consists of a 45` telescoping mast, two 300-watt solar panels, two outdoor cameras, four LED lights, wireless router, GPS tracking, lithium-ion battery bank, backup gasoline generator, battery charger and solar charge MPPT controller. All components are mounted on a single-axle trailer. This system does not come with monitoring plans.

All cameras on this system comply with the 2019 National Defense Authorization Act (NDAA). The regulation bans federal governments, their contractors and businesses with national security interests from buying and using surveillance equipment made by specific major China-based manufacturers, including Hikvision, Dahua and their OEMs. Security products sold by Honeywell, Bosch, Panasonic, ADT, Flir and many more are affected by the ban. NDAA compliance also includes a ban on ZTE, Huawei and Hytera telecommunication equipment.

Operation:

- (2) 300W solar panels w/ solar MPPT charge controller

- (6) 40aH lithium-ion batteries - 240aH total battery bank/240aH usable
- (2) bullet cameras
- 2TB network video recorder
- Router - wireless access point or cell network
- 120V battery charger
- Backup gasoline generator
- All system components secured to a DOT-approved trailer
- Trailer comes with (4) leveling jacks and vin#

Network Cameras: The security cameras provide operators with crisp, 1080p full-HD high resolution images. A 4.7-94mm varifocal lens automatically adjusts focus, providing operators with precise 20x optical zoom levels. Integrated long-range IR LEDs, with a wavelength measurement of 850 nm, enable the day/night cameras to see distances up to 492' under nighttime conditions. The units offload videos in MP4 format and features H.264 and MJPEG video compression. The PTZ cameras each measure a compact 14.38" x 7.12".

The cutting-edge security devices are designed to perform in outdoor locations and rainy conditions. The IP66-rated units resist the negative effects of non-corrosive liquids. De-fogging features enable the units to operate in rainy and foggy conditions. The devices are capable of operating in temperatures between -22°F and 149°F.

Network Video Recorder: The solar security assembly comes with a 2TB, 8-channel network video recorder. Installation only takes minutes via plug-and-play, which automatically detects, displays and configures system components. With multiple recording modes (Schedule, Continuous, Motion Detection and Event), users could capture hours of footage with ease. The remote configurable network recorder features a bit rate of 40Mbps incoming and 80Mbps outgoing at up to 60fps per channel. To maximize storage, the unit supports H.265, H.264, and H.264 OVC video compression. The network recorder is compatible with two-way audio streaming (camera dependent) and includes 9 ethernet ports (RJ-45 interface). During recording, the unit handles the following data: activity log, email notification, event log, event notification, video analytics and event search. This device offloads videos in MP4 format.

LED Lights: The system contains four, 60-watt LED lights for illuminating outdoor locations. Each unit produces 5,400 lumens of output, with a combined total of 21,600 lumens. The light assemblies consist of six LEDs paired with high purity specular optics to produce a wide light distribution overpowering that of a 500 watt quartz flood lights. This light is constructed of three angled boards that help provide a wider spread. Instead of the light only shining forward, the center board is concentrated to go straight out while the boards on the side are 45° offset. The LED lights are designed to withstand demanding conditions and is waterproof, vapor proof and built to resist the damaging effects of an outdoor environment. All LED lights are housed within a waterproof aluminum housing that is powder coated for added durability and resistance to corrosion. The housing incorporates integral cooling fins for efficient heat dissipation and increased LED longevity. The LED lamp assembly is protected by a shatterproof polycarbonate lens which is secured to the housing with a waterproof seal. A 1/2" waterproof connector provides a secure and sealed power connection point and rounds out this unit's weather resistant construction. An optional glare shield is shipped with this light. Accessible day/night sensors enable automated functionality, allowing the lights to turn on automatically at night and off during the day. A manual override switch can be used to bypass the photocell sensors and turn the units on/off as needed.

PA System: This unit does not have a PA system. We can add a one-way or two-way system upon request and with additional costs.

Router/Wireless 4G Hotspot: Operators can connect to wireless access points or cellular networks via a professional-grade router. The unit supports WAN, LAN and Wi-Fi interfaces with 100Mbps throughput capabilities. Recommended for 1-60 users, this device works with all major carriers (CDMA/GSM/LTE). The access point

can be disabled for security purposes upon request. Customers must provide a 6dbi antenna for the system (not included).

GPS Tracking: The router is equipped with built-in GPS fleet tracking. This feature enables operators to monitor the location of the solar-powered system easily. Cloud-based management tools enable access to the wireless network from compatible devices.

LED Strobe: The SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2 does not come with a security LED strobe light. We can add a blue, red or white LED strobe light at an additional cost (combination of colors is also possible).

[Click Photo to Enlarge](#)

Light Tower: This five stage steel mast from Larson Electronics is designed to allow operators to quickly and safely deploy equipment in locations where it must be elevated to heights up to 45' for effective coverage. This light boom can be extended to 45 feet for maximum area coverage and collapsed for applications where a smaller footprint is required. In a collapsed position, the tower is towable on roads and is capable of clearing standard bridges. The mast extends to its full height using an included electric winch.

A 44" wide and 2" by 2" by 1/4" thick mounting plate is attached to the upper section of the mast which provides a strong and stable platform for the equipment. The LM series of towers are powder coated with glossy blue finish for corrosion resistance and aesthetics.

The LM family of telescoping towers feature a proprietary mast guidance system, which provide increased stability during high winds. Four 1,000 lbs hand crank leveling jacks are used for leveling. The jacks can be leveled by hand crank or attachment provided for power drills. These components can be extended 2' out from the side of the trailer for added stability. When lowered, the mast can withstand winds up to 125 mph. Custom builds can be provided for higher wind speed resistance when fully raised.

[Click Photo to Enlarge](#)

Solar Panel Assembly: This unit is comprised of two 300-watt solar panels, generating a total maximum output of 0.6 KW. The panels are mounted to a stationary assembly. The panels are wired to the solar charger control box which manages the charging system. The solar panels are mounted to a frame angled at 45° to capture the intensity of the sun for optimized light intake.

Batteries: The solar unit contains a battery bank that consists of six 40aH lithium-ion batteries for a 240aH battery bank (240aH usable). Compared to conventional SLA batteries, these units are 100% usable and lighter in weight. Over time, this results in lower operating and maintenance costs. An included battery level indicator that provides real-time power monitoring for the battery bank.

Solar Charge Controller: The solar-powered system features a 40A MPPT solar charge controller.

Battery Charger: This system comes with a 120V battery charger, which can be plugged into a local wall outlet during use, such as prior to deployment or when local power is available at the remote site. We can add a 220V or 240V battery charger to power additional equipment from the solar tower at an additional cost (portable battery chargers are also available).

Inverter: This unit does not come with an inverter. We can add an inverter to power additional equipment from the solar tower at an additional cost.

Backup Gas Generator: A backup gas-powered generator is available on the system, which automatically starts when battery voltage drops below acceptable levels. Powered by a 4-stroke OHV single cylinder engine with a forced air cooling system, this unit features a variety of receptacles, including four 120V 20A three-prong receptacles, one 120/240V 30A twist-lock (L14-30), and one 120V 30A twist lock, as well as one 12V DC cigarette lighter style car-charger outlet.

We offer models with LPG/LNG or diesel backup gensets (may come with additional costs). An autostart feature automatically activates the backup generator when the battery bank reaches below 30% capacity. For systems with battery chargers and backup generators, the battery charger is connected to the genset by default. It is possible to unplug the battery charger from the generator for local charging.

Component Control Center: All the electrical components are encapsulated in a NEMA 3R job box that is bolted to the trailer. Since most of these components are not rated for high heat, our component cooling system circulates air within the job box at 1400 CFM when the ambient temperature exceeds 90 degrees Fahrenheit. The job box that contains the component control system includes locks for security purposes.

Trailer Assembly: The entire assembly is mounted to a 10' (trailer length) x 10' (trailer bed) x 14' (tow length), single axle trailer via six 1/2" anchor bolts. Trailer length refers to the measurement from the hitch to the rear bumper. The trailer bed refers to deck space that holds system components and equipment (not including tires, hitch, bumper and external trailer components). This two-wheel trailer is equipped with 3,500 lbs axle and leaf springs with 15" trailer tires. A standard 2" ball coupling, two standard safety chains, and 7-pin flat trailer plug allow for easy hookup and towing. The trailer tongue can be folded up for seamless storage. A rugged and waterproof job box is included, safely secured to the trailer. Leveling jacks on the trailer allow operators to level the trailer, and provide stabilization during deployment. All trailer lighting complies with DOT/FMVSS regulations.

Outriggers vs Leveling Jacks: The solar-powered system features manual-crank leveling jacks. Outriggers help expand the surface area for large equipment or loads. This differs from leveling jacks that are used to stabilize or level systems. Leveling jacks can be mounted to outrigger legs (or the side of the trailer).

Applications: Live events, law enforcement, military, commercial, industrial facilities, outdoor surveillance, remote locations and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)



SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2
Product ID: 242884

Options:

SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2-Color Temp

Example: SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2-56K

Color Temp	
5600K	-56K
4000K	-40K
3000K	-30K



Links (Click on the below items to view):

- [Operations Manual](#)
- [HlgResPic1](#)
- [Video1](#)
- [Video2](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

BID PROPOSAL FORM

TO: City of Panama City Beach, Florida SUBMITTED: 08/11, 2022.

PCB22-74R ITB PORTABLE SURVEILLANCE CAMERA TOWER

The Undersigned, as Bidder, hereby declares that they have examined the proposal specifications and informed themselves fully regarding all conditions pertaining to the product requirements.

The Bidder proposes and agrees, if this proposal is accepted, to contract with the **City of Panama City Beach** to receive a firm, fixed pricing schedule for the purchase and delivery of a portable surveillance camera tower to be used for the Beach Police Department in complete accordance with **PCB22-74R ITB Portable Surveillance Camera Tower** bid specifications.

Basis of Award: The contract will be awarded to the contractor with the lowest responsive and responsible Bid.

Line-item prices are for a complete purchase, delivery, and installation:

DESCRIPTION	UNIT OF MEASURE	Price
Purchase & delivery of one portable surveillance camera tower SPLT-.53K-LM45-ISGG-ACC-TLR7-2XPTZ-20X-2TB-W4G-M2-56K	1 Complete System	Item: \$30,553.74 Shipping: \$12,500.00 Total: \$43,053.74

Time of Delivery (days): 4-5 Weeks

By submission of this BID, each Bidder certifies that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

BIDDER:

Larson Electronics LLC
Name of Business

Robert Bresnahan
Name of Bidder

9419 E US HWY 175, Kemp, TX 75143-3357
Address

903-270-1187
Phone Number


Bidder Signature

08/12/2022
Date

END OF BID PROPOSAL FORM]

Lasron Electronics LLC

\$43,053.74

Required Specs

	YES	NO
General Requirements		
1) All-inclusive Trailer Unit with the following:	X	
a. Minimum 45' Tall Mast	X	
b. Gas Generator	X	
c. Solar Generator	X	
d. Wireless Router/ Antenna – Minimum of 4G	X	
e. Network Video Recorder – Live Streaming Capabilities	X	
f. LED Light at mast head.	X	
g. Pan, Tilt, Zoom Video Camera at mast head.	X	
h. Battery Bank	X	
2) National Defense Authorization Act (NDAA) Compliant	X	
3) Delivery within 8 weeks of order.	X	
4) 3-year mechanical warranty	X	
5) 1-year electrical components warranty WARRANTY:	X	
a) The products specified herein shall be covered by a 3-year warranty. Contractor shall submit a copy of the warranty with the bid. Indicate in offer if warranties commence with the purchase date, delivery date or the date of manufacturer. Include any information on a delayed warranty procedure to cover the interval between time of delivery of the complete solution and the actual date that the product is placed in service by the City.	X	

Technology International Inc.

\$58,500.00

Required Specs

	YES	NO
General Requirements		
1) All-inclusive Trailer Unit with the following:	X	
a. Minimum 45' Tall Mas		X
b. Gas Generator		X
c. Solar Generator	X	
d. Wireless Router/ Antenna – Minimum of 4G	X	
e. Network Video Recorder – Live Streaming Capabilities	X	
f. LED Light at mast head.	X	
g. Pan, Tilt, Zoom Video Camera at mast head.	X	
h. Battery Bank	X	
2) National Defense Authorization Act (NDAA) Compliant	X	
3) Delivery within 8 weeks of order.		X
4) 3-year mechanical warranty	X	
5) 1-year electrical components warranty WARRANTY:	X	
a) The products specified herein shall be covered by a 3-year warranty. Contractor shall submit a copy of the warranty with the bid. Indicate in offer if warranties commence with the purchase date, delivery date or the date of manufacturer. Include any information on a delayed warranty procedure to cover the interval between time of delivery of the complete solution and the actual date that the product is placed in service by the City.		