State of West Virginia Envrionment Protection Agency Charleston, WV

Prepared For

State of West Virginia

Environmental Protection

Agency
2019 Washington St. East
Charelston, WV 25305

Project Name
Panasonic Toughbooks or Equal

Bid Opening Date
May 7, 2019

Prepared By
MobileTEK Consulting, LLC
9902 Carver Road, Suite 203
Cincinnati, OH 45242
Phone: 888-809-5474
Fax: 855-708-8969

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SECTION I

EXECUTIVE SUMMARY

MobileTEK Consulting, LLC (MobileTEK) welcomes this opportunity to bid on the Panasonic Toughbooks of Equal project for The State of West Virginia Environmental Protection Agency.

MobileTEK offers a carefully selected line of the highest quality hardware products available in the industry. By functioning as your single source for installation, service, support, training and consultation, MobileTEK is your partner in mobile data communications technology. We integrate hardware that meet your mobile data communications needs for today and tomorrow.

As described throughout this proposal, MobileTEK offers West Virginia EPA several benefits, including:

- One-stop shopping **including project plan development, equipment configuration and installation, user training and support, and 24/7 service.** We are your single point of responsibility and ultimate continuity

- Team of specialty companies, **rather than "jack of all trades, master of none",** ensures best-in-class performance of all project aspects

- MobileTEK has worked extensively with government agencies in West Virginia in the past so we are well aware of their goals and constraints

MobileTEK Consulting Biography

Company History

In October 2002 following much research and discussions, MobileTEK Consulting, LLC was formed. Prior to this the partners worked for over 30 years in the Information Technology Industry in such capacities as network engineer and director of network consulting practices. A list of the organizations in which the partners have been employed include International Paper, Procter and Gamble, Hill-Rom, Pomeroy Computer Resources and Infinet. The experience the partners received during their career was invaluable as they consulted with and did many successful mobile computing installations for various Police, Fire and EMS departments.

MobileTEK Consulting has many advantages over its competitors. They include:

MobileTEK is very experienced in the Information Technology and Mobile Computing industries.

MobileTEK has partnered with several leading manufacturers and service companies in the computing industry including Getac, Panasonic, Gamber Johnson, Havis, Sierra Wireless, and Brother.

Mobile Computing is the sole function of MobileTEK consulting.

MobileTEK Consulting offers its customers complete one stop shopping to meet all of its mobile computing needs. This includes hardware design, procurement, installation and training.

MobileTEK Consulting Team

The MobileTEK Consulting Team offers West Virginia EPA a turnkey solution for their Panasonic Tougbooks or Equal Project. The Team embodies all the experience and equipment needed to ensure that each facet of the project and any unanticipated challenges are responsively addressed with state-of-the-art solutions. MobileTEK will serve as the prime contractor and primary point of contact for West Virginia EPA as it will procure, manage and integrate the services and equipment for this project. MobileTEK is well suited for this role with years of experience in configuring, installing and servicing mobile computing equipment and turnkey solutions.

Respectfully,

Howard Mandel

Howard Mandel
President
MobileTEK Consulting, LLC

PROJECT ORGANIZATION

MobileTEK Consulting, LLC agrees to purchase, and fully install, test and provide 24 x 7 support for all of the necessary hardware for this project. MobileTEK has over 30 years of experience in the Information Systems Industry and many years of experience working on mobile data hardware projects for public safety.

MobileTEK has partnered with The Getac Corporation who offers the highest quality solution available in the rugged computing industry today. **MobileTEK will be recommending the Getac K110 fully rugged 2 N 1 laptop to the West Virginia EPA.**

This project will be managed and performed from our Cincinnati, Ohio office. The primary point of contact for this project is:

Howard Mandel
MobileTEK Consulting, LLC
Project Manager/Account Executive
888-809-5474
mobile 513-310-5411
Fax 855-708-
hmandel@mobile-tek.com

MobileTEK Consulting offers 24x7 support to West Virginia EPA. If a malfunction should occur that causes an individual not to be able to perform his job, a MobileTEK representative will come on site within 4 hours of the call. If the malfunction does not prohibit the officer from performing his job, then a MobileTEK representative will come on site the next business day.

The only requirement for West Virginia EPA to meet in this regard is to have an individual identified as the primary point of contact who will work with MobileTEK Consulting during the installation and testing of the proposed solution as well as to inform MobileTEK of problems or issues as they arise.

CLIENT REFERENCES

Agency Name: Charleston Police
Phone # 304-741-7378

Name: Scott Dempsey
Email: scott.dempsey@charlestonwvpolice.org

Agency Name: Charleston Fire
Phone # 304-348-8082

Name: Les Smith
Email: robert.smith@charlestonfire.com

Agency Name: Lincoln County 911,
    Sheriff, EMS
Phone # 304-824-3423

Name: Allen Holder
Email: allen.holder@e911.org

Agency Name: Cabell County EMS
Phone # 304-526-9797

Name: Brenda Webb
Email: brenda.webb@ccems.org

Agency Name: Cabell County Sheriff
Phone # 304-526-8668

Name: Sam Stowasser
Email: sstowasser@cabellcounty.org

Agency Name: Logan County Sheriff,
    LEASA
Phone # 304-792-8590

Name: Chad Lilly
Email: clilly@lccwv.us

Agency Name: South Charleston Police
Phone # 304-744-6903

Name: Brad Rinehart
Email: brinehart@scpolice.org

Agency Name: South Charleston Fire
Phone # 304-744-8264

Name: Virgil White
Email: vwhite@cityofsouthcharleston.com

Agency Name: Boone County Sheriff
Phone # 304-369-7341

Name: Chad Barker
Email: cpbarker@boonecountywv.net

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Howard Mandel, PRESIDENT
(Name, Title)

HOWARD MANDEL, PRESIDENT
(Printed Name and Title)

9902 CARVER ROAD, SUITE 203, CINCINNATI, OH 45242
(Address)

_888-809-5474 / 855-708-8969_
(Phone Number) / (Fax Number)

HMANDEL @ MOBILE-TEK.COM
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

MOBILETEK CONSULTING
(Company)

Howard Mandel, PRESIDENT
(Authorized Signature) (Representative Name, Title)

HOWARD MANDEL, PRESIDENT
(Printed Name and Title of Authorized Representative)

APRIL 30, 2019
(Date)

_888-809-5474 / 855-708-8969_
(Phone Number) (Fax Number)

SECTION II
PROPOSAL RESPONSE

1. **PURPOSE AND SCOPE:** After careful review of the specifications identified in the RFQ "Panasonic Toughbook Laptops or Equal" West Virginia Purchasing Division on behalf of the WV Department of Environmental Protection, MobileTEK Consulting and Getac are pleased to provide the highly rated Getac K210 as a Low Price/Best Value rugged solution that is equal to the Panasonic Toughbook Laptop. Key highlights of the Getac K120 include multiple usage modes to accommodate immediate needs of the user, dual hot-swappable batteries for full-shift power, LumiBond sunlight readable technology, in vehicle docking with Tri-Pass capability, innovative wireless technology that supports exceptional network coverage, and wide range of data capture methods using an 8MP rear camera. Most importantly, the Getac K120 carries multiple 3rd party certifications and is rated IP65 for ingress protection (see attached certification), MIL-STD-810G & MIL-STD-461G (see attached certification), is vibration & drop resistant (6ft drop), and offers a wide operating temp. range (-29°C to +63°C). The K120's solid rugged design enables it to survive extreme temperatures, moist and dusty environments, ensuring utmost reliability for data protection during field operation.

Utilizing the optional keyboard dock, the K120 can support the following usage modes:

   a. Laptop Mode - Laptop mode with full-size keyboard allows for easy data entry and file editing, enabling the tablet to serve as a mobile office when you need to get data-intensive work done (email, report, spreadsheet...etc).

   b. Presentation Mode - Presentation mode provides a quick and simple way to set up impromptu demonstrations or planned presentations for coworkers, clients and customer.

   c. Convertible Mode - The LCD screen is reverse-dockable and can be folded completely flat against the keyboard base for tablet-like functionality while still keeping all of the ports available for use.

Utilizing the hard handle, the K120 can support the following usage modes:

    d.   Tablet Mode – The 12.5" FHD wide touchscreen allows for easy navigation through intuitive touch operation in tablet mode...the tablet can be easily carried around in the field with a rotating hand strap, or shoulder strap/harness for on-the-job flexibility.

    e.   Handle Mode - The tablet with a hard handle installed, provides grab-and-go convenience when time is critical.
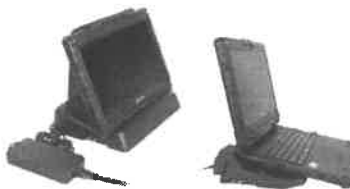

    f.   Tilt Mode - The hard handle can act as a support stand to provide a better viewing angle for touch-typing on the display.

Utilizing the optional Office/Vehicle Docks, the K120 can support the following usage modes:

    g.   Docking Mode - Office and vehicle docks are available for both tablet and laptop modes, allowing you to quickly set up a handy work area when you are on the road or in the office. Integrated Pogo connector enables convenient charging on contact and makes it easy to remove the device from the dock.

2. **DEFINITION OF TEAM:** With over 30 years of experience, Getac is a recognized leader in global rugged device manufacturing. Since, 1989 Getac has been an Original Equipment Manufacturer (OEM) and consistently leads the industry in innovation, technology and design of rugged laptops and tablets. Getac's primary goal is to offer a solution that streamlines productivity and withstands the rigors of the environment. HP presents the Getac K120 Rugged 2 in 1 as viable solution to replace legacy systems currently in use by the WV Department of Environmental Protection. Getac and MobileTEK will be the lead managing partners for the device deployment; they will be available both remote and on-site throughout the duration of the project and onward. Getac Regional Sales Manager, Eric McKee will be the main point of contact to coordinate all Partners/OEMs/Installation teams and Engineering support pre- and post-deployment. Eric McKee is based Indiana and will dedicate the resources needed to ensure a streamlined, seamless deployment. The totality of this project support ranges from the day Getac award until the units are replaced.

Getac has 30 years of experience servicing some of the largest and most demanding government agency consumers in the United States. Our philosophy is to create a lasting partnership with the agencies we serve, which is shared and reinforced by MobileTEK Consulting as a value-added reseller. We hope the WV Department of Environmental Protection recognizes Getac's best-in-class product as the right solution for their organization, as well as our expertise to complete the mission and dedication to make this deployment an easy, awesome experience.

3. GENERAL REQUIREMENTS

2-in-1 Panasonic ToughBook or equal	Proposed "Equal" Solution	Comments
Must be rugged 2-1 device, that allows the screen to detach and become a tablet	Getac K120 maintains multiple usage modes to accommodate immediate needs of the user	Usage Modes Include: Laptop Mode, Presentation Mode, Tablet Mode, Tilt Mode, Handle Mode, and Office Dock Mode; see descriptions and photos above for additional details
Maximum Screen Size of 12"	12.5" Screen Size	12.5" IPS TFT LCD FHD (1920 x 1080) 1200 nits; Getac LumiBond sunlight readable technology with different modes of inputting data onto the screen - rain and glove touch and pen mode ensures productivity under all conditions.
Maximum weight of 5lbs	Getac K120 with	The 2-in-1 Panasonic

	keyboard is 6.6 lbs	Toughbook with Keyboard is 6.1Lbs
Windows 10 Pro Operating System	Windows 10 Pro	Windows 10 Professional, 64-bit
Minimum 8 GB RAM	8 GB RAM	Meets requirement
Minimum 256 GB SSD	256 GB SSD	Meets requirement
Minimum 8 mp rear camera with autofocus and LED flash	FHD webcam 8mp auto focus rear camera and LED flash	Meets requirements; Equipped with webcam cover for added security
Infrared Webcam in low light conditions	Infrared webcam to capture image in low light conditions	Meets requirement
Capable of capturing GPS coordinates	Dedicated GPS	Meets requirement
Capable of minimum 4G LTE w/ GPS connectivity	WiFi a/b/g/n/ac; Bluetooth v4.2; Intel Dual Band Wireless-AC 8265;	Meets requirement
Include Intel Dual Band Wi-Fi capability	Intel Dual Band Wireless-AC 8265	Meets requirement
Include Bluetooth connectivity capability	Bluetooth v4.2	Meets requirement
Include minimum Intel Core I5 processor, or equal	Intel Core i5-8350U vPro 1.7 to 3.6GHz processor 6MB Intel Smart Cache	Meets requirement
Include gloved multi-touch display	Multiple Touch Modes, (Regular Touch/Rain, Glove and Pen modes, plus an optional Digitizer mode), for use in various environmental conditions	Meets requirement; Getac's LumiBond 2.0 technology utilizes a clear resin to optically bond the Tempered Glass, capacitive touch sensor and LCD panel (+optional digitizer board) into a single panel that is both more durable and improves readability
Include Minimum TPM 2.0	TPM 2.0	Meets requirement
MIL-STD-810G and IP65 Certified	MIL-STD-810G and IP65 Certified	See attached certifications for additional information
Must include HazLoc Min Class1/Div 2 certification	Class1/Division 2 certified	Meets requirement
Include bridge battery power to enable hot-swap battery	Hot-swappable battery included	Meets requirement; Hot-swapping technology allows simple and quick battery

replacement		replacement in the field without powering the unit down, providing potentially infinite, uninterrupted operation without worrying about down time or data loss. Battery packs fit into the compartment without an additional cover over it and are secured in place with a double-locking mechanism, effectively preventing the battery packs from coming loose by accident
Minimum of two (2) USB ports on tablet	USB 3.0 Type-A x 1 & USB 3.1 Gen 1 Type-C x 1 ports on tablet	Integrated Options included are: FHD webcam 8M pixels auto focus rear camera x 1; Headphone out / mic-in combo x 1; DC in Jack x 1; USB 3.0 Type-A x 1; USB 3.1 Gen 1 Type-C x 1; Giga LAN (RJ-45) x 1; HDMI x 1; MicroSD Slot x 1; Docking connector (16-pin) x 2; Keyboard; DC in Jack x 1; USB 3.0 Type-A x 3; Giga LAN (RJ-45) x 1; HDMI x 1; Serial port x 1; SDXC Slot x 1; VGA x 1; Docking connector (16-pin) x 2
Include Component to function as kickstand for tablet	Component included to use as kickstand for tablet	Meets requirement
HDMI Port	HDMI x 1	Meets requirement
SDXC or Micro SDXC port to allow for storing information in removable media	K120 Tablet has 1 Micro SD slot; keyboard has one SDXC slot	You need to use an adapter with the microSD slot on the tablet to use microSDXC cards which are common

		and readily available
Include minimum of one (1) Ethernet Serial port	Ethernet Serial port x 1	Meets requirement
Include docking connector	Includes docking connector	Office and vehicle docks are available for both tablet and laptop modes, allowing you to quickly set up a handy work area when you are on the road or in the office. Integrated Pogo connector enables convenient charging on contact and makes it easy to remove the device from the dock.
Include 3-Year Manufacturer's Warranty, to include on-site and on-call service, parts, repair, and no-fault accident damage	Price includes 3-year Manufacturer's Warranty; see attached warranty card for additional information	Getac's devices are built to the highest standard; however, Getac understands accidents are inevitable in this environment. The K120 tablet device carries a 3-year Bumper-to-Bumper warranty covering defects in materials and workmanship plus accidental damage. Warranty support is available 24-hrs/7 days a week, including holidays, utilizing the web-based customer portal. Getac offers an industry leading Self-Maintainer program to empower in-house technicians to provide immediate services to defective unit for minor repairs. For Level I and Level II repairs, the Getac Self-Maintainer Program allows you to perform warranty repairs on Getac products resulting from accidental damage. Instead of shipping products to Getac's Repair Center, the defective part

		can be swapped out by your own technicians. This allows you keep possession of your products and minimize downtime. Self-Maintainer repairs include all parts, and materials at no additional cost to NBU. Common cosmetic repairs like hatch door replacement are also included. Getac provides training for your team as part of the Self-Maintainer Program with an emphasis on parts replacement, product use and Getac's Service System processing. Upon successful completion of training, Getac supplies you an initial stock of seed parts (at no cost) to inventory at your location. When a repair is needed, your technician diagnoses the problem, creates an RMA in Getac's Online Service System (GSS) then removes the required part from Getac consigned inventory and repairs the unit. Getac will then proactively replace the part back into consigned inventory. With one of the lowest annual failure rates in the computer industry, Getac rugged devices are built to survive. If one does need repair beyond the Level I & Level II Self-Maintainer Program, we want to make it as convenient as possible. Getac is the only manufacturer who has

		partnered with FedEx TechConnect, a fast, convenient, reliable service repair center located in Memphis, TN. Warranty repairs can be initiated 24 hours a day, 7 days a week on the customer portal. With over 1,800 FedEx Office locations nationwide, it's easy to find a drop-off location convenient to your organization. Once the device is shipped to the end of runway state of the art facility in Tennessee, FedEx technology repair specialists (certified by Getac) provide diagnostics, repair, re-image and upgrade services with quality assurance methodologies designed to verify that everything is working properly. All Getac warranty repairs are performed by Getac certified, expert technicians using Getac parts. Every repair comes with online three-stage tracking of the inbound shipment to the repair center, during repair or upgrade, and the return shipment back to the designated location. With the 24/7 online monitored chain of custody, your system is always either with FedEx or you. Average repair time is 2.6 days.
Shipping and delivery charges must be included in total bid amount	Shipping and deliver charges are included in total bid amount; see price sheet for additional	Meets requirement

	details	

Docking Station	Proposed "Equal" Solution	Comments
Must include minimum three (3) 3.0 USB ports	USB 3.0 Type-A x 3	Meets requirement
Must be compatible with laptop quoted	Compatible with the Getac K120	Meets requirement
Car Charger	**Proposed "Equal" Solution**	**Comments**
Must be compatible with laptop quoted	Compatible with the Getac K120	Meets requirement
Hand Shoulder Strap	**Proposed "Equal" Solution**	**Comments**
Must be compatible with laptop quoted	Compatible with the Getac K120	Meets requirement

4. PRICING: Please review the Vendor Pricing Page to see the unit price for each contact item.
5. PAYMENT: MobileTEK Consulting accepts payment in accordance with the payment procedures of the State of West Virginia
6. DELIVERY AND RETURN: problems w/ 6.4 & 6.5; confirm FOB 6.3 is integrated in pricing

Vendor Pricing

	Unit Price	Total Price (Qty 17)
Getac K120 Fully Rugged 2 N 1 Laptop	$2,961	$50,337

Intel Core i5-8250U, 1.6 GHZ processor
Windows 10 Professional
8 Gigabytes Memory
256 Gigabyte Solid State Hard Drive
12.5" Full HD LCD Multi Touch Screen, Sunlight Viewable Display
       with Protective Film
Intel 802.11 AC WIFI
Integrated Bluetooth
Integrated GPS
Integrated 4G Cellular Modem
Tri Pass Thru Connection
Front High Definition Web Camera
High Definition Web Camera
8 MP Rear Camera
AC Adapter
Integrated Keyboard
Dual Hot Swappable Dual Li-Ion Batteries
Dimensions: 13.4" X 12.1" X 1.85"
Weight – 7 LBS
     1   DC in Port
     2   USB 3.0 ports
     1   Docking Port
     1   Headphone out/Mic-in Combo port
     1   HDMI
     1   SXRC
3 Year Bumper to Bumper Manufacturers Warranty
MIL-STD-810G and IP65 Certified
Hazardous Location Certified
C1D2 Certified
TPM 2.0

	Unit Price	Total Price (Qty 17)
Gamber Johnson Intelligent K120 Docking Station	$763	$12,971

DC Power Supply
2 USB 3.0 Port
3 USB 2.0 Ports
1 DB9 Serial Port
2 Ethernet Ports
Tri- RF Pass Thru Connection
Triple High Gain Rooftop Mounted Antenna

	Unit Price	Total Price
Getac K120 Rotating Hand Strap with Kickstand	$84	$1,428
Car Charger	$95	$1,615

	Unit Price	Total Price (Qty 17)
Optional Item		
2 Additional Years Bumper to Bumper Warranty Coverage	$450	$7,650
Permanent Mounted, Threaded Bolt, Roof Top, Tri Mode Antenna	$150	$2,550

<u>APPENDIX</u>

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

> **EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

> **DEFINITIONS:**

> **"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

> **"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

> **"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: MOBILETEK CONSULTING

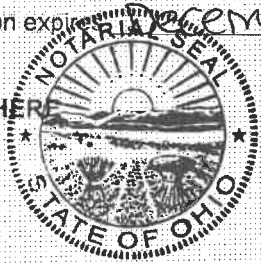Authorized Signature: *Howard Mel* Date:

State of Ohio

County of Hamilton , to-wit:

Taken, subscribed, and sworn to before me this 2 day of May , 2019.

My Commission expires December 14, 2019.

AFFIX SEAL HERE   Melissa Whitehead NOTARY PUBLIC *Melissa Whitehead*
Notary Public, State of Ohio
My Commission Expires 12-14-2019

Purchasing Affidavit (Revised 01/19/2018)

MobileTek Consulting, LLC

Mobile Computer and Solutions

Why Ruggedized Computing?

Today, government agencies are using tablets and laptop computers to perform critical functions and applications.

- More than 40% of all microcomputer repair costs was represented by laptops
- Each laptop cost approximately $3,000 to repair, (70% of this cost comes from lost productivity, time spent trying to fix the laptop and time spent re-doing work)

Government Agencies depend on these laptop computers; therefore, they need to be reliable and able to withstand adverse conditions.

Ruggedized Computing is the answer!!!

Ruggedized computing provides for effective field based data processing which includes easy input of data, access of data from centralized sources, and report generation. Working with accessories such as printers, bar code readers, wireless modems and mounting equipment, it is an excellent choice to run your field based applications.

Some of the functions Law Enforcement Agencies use ruggedized computing equipment include:

- Access NCIC Leads System
- Computer Aided Dispatch
- Field access of Mug Shot Info
- GIS
- Access BMV Data
- Fingerprint Scanning
- Traffic Citation Printing

K120

FULLY RUGGED 12.5" TABLET

Large 12.5" IPS LumiBond® 2.0 sunlight display

8th generation Intel® Core™ processor

Hot-swappable battery design

Intel UHD graphics 620

Full-size 88 key detachable backlit keyboard

Optional integrated 4G LTE broadband wireless

802.11ac next generation WiFi

MIL-STD 810G and IP65 certified

Industry-leading bumper-to-bumper warranty

8th Gen Intel Core Processor.

With the latest Intel Core i5 or Intel Core i7 processor, the K120 rugged tablet was designed for speed and efficiency. Clocking in at up to 1.9GHz and with Turbo Boost speeds up to 4.2GHz, the K120 has the power needed for the most demanding tasks.

Built to Survive

Built from high quality magnesium alloy, the K120 features an exterior case that is specifically engineered to protect the computer against drops, shocks, spills, vibration and more. The sealed design of the K120 protects it against dust and moisture. The K120 has been independently tested and certified to MIL-STD 810G, IP65 and MIL-STD 461G standards.

Large 12.5" IPS Display.

The K120 features a large 12.5" IPS FHD display that utilizes our revolutionary LumiBond 2.0 technology to achieve a display that is more readable, and offers better contrast and more crisp colors than any other rugged tablet display. The 12.5" widescreen display is ideally suited providing plenty of real estate to run Windows and view your apps.

Dual Hot-Swappable Batteries.

The K120's unique, hot-swappable battery design allows for potentially infinite, uninterrupted battery life. This enables you to remove one of the two rechargeable batteries and replace it with a fresh battery without ever shutting down apps or your Windows OS.

Full-Size 88 Key Detachable Keyboard.

Unlike our competitors' products that have small keyboards with small keys, the K120 features a full-sized 88-key detachable backlit keyboard with standard-sized keys. The K120 lets you type the way you're used to typing.

Bumper-to-Bumper Warranty.

Accidents happen. Only Getac offers bumper-to-bumper coverage standard on every K120 rugged convertible.

GETAC K120 LAPTOP DOCKING STATION

Engineered for the demanding work environments in utility, public safety, and material handling

Designed for the Getac K120 fully rugged computer, the Gamber-Johnson K120 laptop docking station provides two front-facing fast-charging USB ports and an array of rear replication ports to link peripherals within the vehicle. The docking station features a quick-release latch and it accommodates the computer's rotating hand strap, and magnetic strip reader. The keyed lock provides added security: when notebook is closed and screen is latched, the lock will secure the keyboard and the computer. Gamber-Johnson's quality and reliability ensure the dock will provide years of uninterrupted service.

Certificates & Testing

- Getac Certified
- Vibration Tested: MIL-STD 810G Operational/Non-Operational
- Shock Crash Hazard: SAE J1455; Mechanical Shock: 40G
- Cycle Test: Latch, Lock, and Docking Connector - 30,000 Cycles
- Environmental: Thermal Shock; High/Low Temperature Operational & Storage
- FCC, CE, RoHS Certified

WEIGHT	HEIGHT	WIDTH	DEPTH
4.25 lbs / 1.92 kg	2.5 in / 6.5 cm	11.6 in / 29.5 cm	12.1 in / 30.7 cm

Features

- Compatible with the Getac K120 computer
- Docking Station design accommodates MSR and rotating hand strap (sold separately)
- Rear corner release button, easily remove the computer with the push of a button
- Access to all computer control buttons and ports while the notebook is docked
- Forward-facing I/O ports; integrated cable strain relief and cable management system
- Floating docking connector for reliable connectivity in the most rugged environments
- Optional lock (keyed alike) for theft deterrence. When the computer is closed and screen is latched, the lock will secure the keyboard and the computer
- Rounded edges to enhance personal safety
- Gamber-Johnson rugged construction and reliability
- Vesa 75mm mounting pattern
- 3 Year Limited Warranty

Product Selection

NUMBER	DESCRIPTION	USB 2.0	USB 2.0 FAST-CHARGING	USB 3.0	USB 3.0 FAST-CHARGING	ETHERNET	SERIAL	VGA	HDMI	ANTENNA RF	POWER SUPPLY
7160-1083-00	Cradle NO RF (no electronics)									None	No
7160-1083-03	Cradle TRI RF (no electronics)									TRI-SMA	No
7160-1082-00	Docking Station NO RF	1	2	2	1	2	1	1	1	None	No
7160-1082-03	Docking Station TRI RF	1	2	2	1	2	1	1	1	TRI-SMA	No
7170-0693-00	Docking Station NO RF + LIND 120W Auto Power Adapter	1	2	2	1	2	1	1	1	None	Yes
7170-0693-03	Docking Station TRI RF + LIND 120W Auto Power Adapter	1	2	2	1	2	1	1	1	TRI-SMA	Yes

MET Laboratories, Inc. *Safety Certification - EMI - Telecom Environmental Simulation*

CERTIFICATE OF COMPLIANCE
Certification Number : ESL98214-C810G

Company: Getac Inc.

Equipment Tested: Getac K120 Rugged Tablet Computer with Detachable Keyboard

Test Standard: MIL-STD-810G w/ Change 1

Testing Completed: 05/10/2018

Details: This is to certify that the following environmental tests have been performed on the **Getac K120 Rugged Tablet Computer with Detachable Keyboard** and found to be in compliance with the requirements and procedures of **MIL-STD-810G w/ Change 1** detailed in the following summary table.

For each test, the Getac K120 Rugged Tablet Computer was tested attached to the Detachable Keyboard. In addition where noted, certain tests were also performed on the tablet by itself without Detachable Keyboard attached.

No evidence of functional failure was observed during testing.

All calibrated Test equipment utilized during testing is maintained in a current state of calibration per the requirements of ISO/IEC 17025:2005.

For further test details please reference the MET Laboratories, Inc. test report, ESL98214-MIL.

Johnnie Evans
Manager, Environmental Laboratory
MET Laboratories, Inc.

06/12/2018
Date

Naveed Raygani
Project Engineer, Environmental Laboratory
MET Laboratories, Inc.

06/12/2018
Date

MET Certificate Number: ESL98214-C810G

The Nation's First Nationally Recognized Testing Laboratory Licensed by OSHA
914 West Patapsco Avenue, Baltimore MD 21230 Phone (410)354-3300- Fax (410) 354-3313- Web www.metlabs.com

MET Laboratories, Inc. *Safety Certification - EMI - Telecom Environmental Simulation*

CERTIFICATE OF COMPLIANCE: Certification Number: ESL98214-C810G

The table below is to show that the following environmental testing was performed on the **Getac K120 Rugged Tablet Computer with Detachable Keyboard** and is in compliance with the requirements of MIL-STD-810G w/ Change 1 below;

Test	Procedure Specification	MIL-STD-810G Reference	Pass/Fail
Low Pressure (Altitude) – Storage/Air Transport	Non-operating: 50,000ft with altitude change rate 2,000 ft/min.	Method 500.6 Procedure I	Pass
Low Pressure (Altitude) – Operation/Air Carriage	Operating: 50,000ft with altitude change rate 2,000 ft/min.	Method 500.6 Procedure II	Pass
High Temperature – Storage	Seven 24 hour cycles of 33-71°C (91– 160°F) (Non-operating)	Method 501.6 Procedure I Induced A1 Hot Dry	Pass
High Temperature – Operation	72 hours constant temperature exposure 63°C (145°F) (Operating)	Method 501.6 Procedure II	Pass
High Temperature – Tactical Standby to Operational	High storage (non-operating) to high operating (test for operation)	Method 501.6 Procedure III	Pass
Low Temperature – Storage Induced (storage and Transit) C3 – Severe Cold	72 hours constant temperature exposure -51.1°C (-60°F)	Method 502.6 Procedure I	Pass
Low Temperature – Operation	72 hours constant temperature exposure -29°C (-20°F)/ -31.7°C (-25°F) -29°C (-20°F) operating on Battery Mode -31.7°C (-25°F) operating on AC Mode	Method 502.6 Procedure II	Pass
Temperature Shock	Multi-cycle shocks from constant extreme temperature: -51.1°C~93.3°C (-60° F~200° F), temperature shock non-operating, three cycles	Method 503.6 Procedure I-C	Pass
Contamination by Fluids	Testing performed on an entire device as well at the tablet portion only All 26 fluids	Method 504.2 Procedure II	Pass
Solar Radiation	Cyclic heat, 7 days	Method 505.6 Procedure I	Pass
Blowing Rain – Operation	Blowing Rain – 5.8 in/hr rain, 70 mph wind, 30 minutes per surface	Method 506.6 Procedure I	Pass
Rain – Drip	Rain Drip, 15 minute exposure (280L/m2/hr)	Method506.6 Procedure III	Pass
Humidity – Procedure I	Cycle B3 for normal test duration of Natural Cycle (15 days) and Induced cycles (15 days)	Method 507.6 Procedure I	Pass
Humidity – Aggravated Non-operational	Ten 24-hour temperature cycles between 30°C and 60°C with relative humidity maintained at 95% RH non-operating mode	Method 507.6 Procedure II	Pass
Salt Fog	Testing performed on an entire device as well at the tablet portion only 24 hours of salt fog soaking followed by a 24 hour drying period. Repeated for a total of two cycles	Method 509.6	Pass
Sand and Dust – Blowing Dust – Operation	Testing performed on an entire device as well at the tablet portion only Dust resistance using Silica flour with 6 hours at 23°C and an additional 6 hours at 63°C	Method 510.6 Procedure I	Pass
Sand and Dust – Blowing Sand - Operation	Testing performed on an entire device as well at the tablet portion only Blowing Sand with a sand concentration of 2.2±0.5 g/m³ at 63°C	Method 510.6 Procedure II	Pass
Explosive Atmosphere	Operating for altitude 20,000 ft and temperature of 63°C (145°F)	Method 511.6 Procedure I	Pass
Vibration – General Vibration	Category 4, Typical mission/field transportation scenario, common carrier Figure 514.7C-2, 2hr/ axis (Transportation)	Method 514.7 Procedure I Category 4	Pass
Vibration – General Vibration	Category 20, Ground vehicles - Ground mobile, composite wheeled vehicles, Figure 514.7C-4, 2hr/ axis (Transportation)	Method 514.7 Procedure I Category 20	Pass

MET Certificate Number: ESL98214-C810G

MET Laboratories, Inc. *Safety Certification - EMI - Telecom Environmental Simulation*

Test	Procedure Specification	MIL-STD-810G Reference	Pass/Fail
Vibration – General Vibration	Category 5, Loose cargo (Transportation)	Method 514.7 Procedure II	Pass
Vibration – General Vibration	Under Fig 514.7 E-1 General min. integrity exposure for non-operating	Method 514.7 Procedure I Category 24	Pass
Shock- Functional shock	40g, 11ms, Terminal Saw tooth, Operating	Method 516.7 Procedure I	Pass
Shock- Functional shock	Peak Acceleration of 75g's, Effective Shock Duration of 8-13ms, and Cross-Over Frequency of 80Hz	Method 516.7 Procedure I	Pass
Shock: Transit drop	26 total drops from 36 in height, free drop onto 2 in of plywood while operating. Use the same unit to test 36 inch drop test in laptop mode	Method 516.7 Procedure IV	Pass
Shock: Transit drop	Testing performed on an entire device as well at the tablet portion only 26 total drops from 48 in height, free drop onto 2 in of plywood while operating. Tablet mode: Use the same tablet to test 48 and 60 inch drop test Laptop mode: Use the same laptop to test 48 and 60 inch drop test	Method 516.7 Procedure IV	Pass
Shock: Transit drop	Testing performed on an entire device as well at the tablet portion only 26 total drops from 60 in height, free drop onto 2 in of plywood while operating. Tablet mode: Use the same tablet to test 48 and 60 inch drop test Laptop mode: Use the same laptop to test 48 and 60 inch drop test	Method 516.7 Procedure IV	Pass
Shock: Transit drop	Testing performed on the tablet portion only 26 total drops from 72 in height, free drop onto 2 in of plywood while operating. Tablet mode: Use the same tablet to test 48, 60 and 72 inch drop test	Method 516.7 Procedure IV	Pass
Shock: Bench Handling	4 drops on solid wooden bench top in operating mode	Method 516.7 Procedure VI	Pass
Freeze/Thaw	Rapid Temperature change for 3 cycles	Method 524.1 Procedure III	Pass

SGS

Reliability Laboratory

TEST REPORT

GETAC TECHNOLOGY CORP.
5F., BUILDING A, NO. 209, SEC. 1,
NANGANG RD., NANGANG DIST.,
TAIPEI CITY, TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description:	Getac K120 tablet with detachable keyboard
Style/ Item No.:	K120/ No.1, No.2
Manufacturer/ Vendor:	Getac Technology Corp.
Quantity:	Total 2 pieces
Testing Period:	Jul. 17, 2018 to Jul. 19, 2018

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required:

Test for Degrees of Protection Provided by Enclosures (IEC 60529 Edition 2.2: 2013)

IP Code	IP65
First characteristic numeral	Degrees of protection against access to hazardous parts and against solid foreign objects
Second characteristic numeral	Degrees of protection against ingress of water

Test Results:

Conclusion
Submittal sample(s) comply with the requirement and acceptance conditions of IEC 60529 Edition 2.2: 2013 Degrees of Protection Provided by Enclosures -- IP65 The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of
SGS TAIWAN Ltd.

Hank Chiou
Supervisor

CERTIFICATE OF COMPLIANCE

Certificate Number	20181213-E320324
Report Reference	E320324-20181211
Issue Date	2018-DECEMBER-13

Issued to: GETAC TECHNOLOGY CORP
5TH FL BLDG A 209
SEC 1 NANGANG RD
NANGANG DIST
TAIPEI, 115 TAIWAN

This certificate confirms that representative samples of INFORMATION TECHNOLOGY EQUIPMENT FOR USE IN HAZARDOUS LOCATIONS
Class I, Division 2 Groups A, B, C, and D Hazardous Locations, Tablet, Model K120

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 121201 and CSA C22.2 NO. 213,
Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Additional Information: See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Getac Three (3) Year Bumper-to-Bumper Warranty

Getac's warranty obligations for this hardware product are limited to the terms set forth below:

Getac, Inc. warrants this Getac-branded rugged computer against defects in materials and workmanship under normal use and damage that occurs due to accidental acts and exposure to environmental conditions for a period of THREE (3) YEARS from the date of purchase by the original end-user purchaser ("Warranty Period"). This warranty only applies to products sold by Getac or its Authorized Distributors or Dealers and only where the products are used and serviced within North America or its Authorized Service Providers' territories. Warranty coverage only applies to service carried out by a Getac Authorized Service Provider.

If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, Getac will either repair the defect at no charge, using new or refurbished replacement parts, or exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. A replacement product or part, including a user- installable part that has been installed in accordance with instructions provided by Getac, assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is exchanged, any replacement product becomes your property and the replaced item becomes Getac's property. Parts provided by Getac in fulfillment of its warranty obligation must be used in products for which warranty service is claimed.

Exclusions and Limitations

This Limited Warranty applies only to Getac-branded hardware products manufactured by or for Getac that can be identified by the "Getac" trademark, trade name, or logo affixed to them. The Limited Warranty does not apply to any non-Getac hardware products, co-branded hardware products (whether or not displaying a "powered by Getac" trademark, trade name, or logo affixed to them) or any software, even if packaged or sold with Getac hardware. Manufacturers, suppliers, or publishers, other than Getac, may provide their own warranties to the end user purchaser, but Getac, in so far as permitted by law, provides their products "as is".

Software distributed by Getac with or without the Getac brand name (including, but not limited to system software) is not covered under this Limited Warranty. Refer to the licensing agreement accompanying the software for details of your rights with respect to its use. Getac does not warrant that the operation of the product will be uninterrupted or error-free. Getac is not responsible for damage arising from failure to follow instructions relating to the product's use.

Batteries supplied with the product are covered under the warranty for one (1) year from date of purchase. A battery furnished under the warranty is covered for the remaining period of the one year warranty on the original battery or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you.

The LCD, hard drive, motherboard, and keyboard are limited to one repair/replacement per unit per

year for damage that occurs due to accidental acts and exposure to environmental conditions.

This warranty does not apply to:

(a) loss or theft;
(b) fire;
(c) submersion;
(d) acts of god;
(e) acts of war;
(f) virus-inflicted damage;
(g) intentional misuse or abuse;
(h) improper maintenance or modification by anyone other than Getac or a Getac Authorized Service Provider;
(i) a product or part that has been modified to alter functionality or capability without the written permission of Getac;
(j) a product on which any Getac serial number has been removed or defaced;
(k) data recovery from hard drive failure;
(l) All consumable items; such as screen protection films, logo badges, labels, cleaning cloths, carry cases, manuals, cables, straps, belts, holsters, tethers, and harnesses and any other options and accessories not listed above or covered under a separate warranty.
(m) to cosmetic damage that does not affect the functionality of the system, including but not limited to scratches, dents and numerals, letters, icons and symbols silkscreened onto unit keycaps and numerals, letters, icons and symbols silkscreened onto unit cabinet; or
(n) damage which occurs in shipment.

THIS PRODUCT IS NOT INTENDED FOR USE AS OR PART OF NUCLEAR EQUIPMENT/SYSTEMS, AIR TRAFFIC CONTROL EQUIPMENT/SYSTEMS, OR AIRCRAFT COCKPIT EQUIPMENT/SYSTEMS, OR ANY OTHER SYSTEMS THAT REQUIRE FAIL-SAFE PERFORMANCE. GETAC WILL NOT BE RESPONSIBLE FOR ANY LIABILITY RESULTING FROM THE USE OF THIS PRODUCT ARISING OUT OF THE FOREGOING USES. AIRCRAFT COCKPIT EQUIPMENT/SYSTEMS include class 2