

Performance Work Statement
Brooke Army Medical Center Video Wall
San Antonio, TX

1.1 Description of Work / Introduction: Request for proposal to replace video wall located at Brooke Army Medical Center (BAMC) located at 3551 Roger Brooke Drive, Bldg. 3600, Fort Sam Houston, Texas 78234.

1.2 Background: The existing BAMC video wall consists of 25 each 55-inch LCD monitors affixed to a metal studs that is affixed to a brick surface. Each monitor has an individual mount securing them to the metal studs. The video wall is in the medical mall 1st floor BAMC over our radiology department. The bottom of the video wall is 17' from the floor and the top of the video wall is 30' from the floor. See attached pictures for reference.

1.3 Objectives:

Government will be responsible removal of existing video wall and will provide all electrical and power per manufacturers' specifications.

Contractor shall be responsible for providing all video wall equipment and installation as described in manufactures specifications.

Contractor will provide manufactures engineering specifications in support of site preparation outlining electrical, data, and structural requirements in support to site preparation.

Contractor will provide their technical approach and detailed schedule in support of installation in their proposal.

Contractor will provide 5-year warranty on parts.

Contractor will provide 10% spare LED panels.

Contractor's equipment is not allowed to reside on government network, but instead must receive HDMI video signal from Government windows-based computer to contractor's video wall distribution system.

1.4 Scope: Government will remove 25 each 55 inch monitors and associated infrastructure. Government will provide site preparation (conduit, electrical power, video wall structural reinforcements, and low voltage cable pathways) in support of contractor provided ~ 22 feet wide by ~12.5 feet tall, 3360x1890 resolution, ≤ 2 mm pixel pitch video wall. The wall shall be capable of displaying a single video from a GFE PC outputting a 16:9 signal via HDMI/Display Port. The video wall MUST be TAA compliant.

1.5 Attachment: Document Samsung LED IF020R 7x7.pdf describes the requirement in great detail to include specifications. This was provided by Samsung for this specific project; however, this requirement is NOT brand specific. This document is attached for the purpose of providing detailed requirement information, not to specify a brand to be used to fulfill the requirement.

1.6 Period of Performance: The period of performance shall be for one (1) Base Year of 12 months with 4 option years for service and support.

1.6.1 Recognized Holidays: Contractor will not perform on site services on the following holidays.

New Year's Day	Labor Day
Martin Luther King Jr.'s Birthday	Columbus Day
President's Day	Veteran's Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

1.6.2 Hours of Operation: The contractor is responsible for conducting business, between the hours 1600 and 0600 Monday thru Friday except Federal holidays or when the Government facility is closed due to local or national emergencies, administrative closings, or similar Government directed facility closings. For other than firm fixed price contracts, the contractor will not be reimbursed when the government facility is closed for the above reasons. The Contractor must always maintain an adequate workforce for the uninterrupted performance of all tasks defined within this SOW when the Government facility is not closed for the above reasons. When hiring personnel, the Contractor shall keep in mind that the stability and continuity of the workforce are essential.

1.6.3 Place of Performance: The work to be performed under this contract will be performed at the following location: Brooke Army Medical Center, 3551 Roger Brooke Drive, Building 3600, Fort Sam Houston, TX 78234

1.6.4 Security Requirements: Contractor personnel performing work under this contract must obtain a creditable local background check through the 502d Security Forces to gain access to the government installation or provide alternate staff that can obtain access. The security requirements are in accordance with the (attached) JBSANATONIO 7 20190821 UNESCORTED ACCESS FORM.

1.6.4.1 Physical Security: The contractor shall be responsible for safeguarding all government equipment, information and property provided for contractor use. At the close of each work period, government facilities, equipment, and materials shall be secured.

1.6.5. Post Award Conference Meetings: The Contractor shall attend any post award conference meetings convened by the contracting activity or contract administration

office in accordance with Federal Acquisition Regulation Subpart 42.5. These meetings shall be at no additional cost to the government.

1.6.6. Government Point of Contact (POC): The Government POC will be identified after award. She/he monitors all technical aspects of the contract and assists in contract administration. She/he is authorized to perform the following functions: ensure that the Contractor performs the technical requirements of the contract, perform inspections necessary in connection with contract performance, and maintain written and oral communications with the Contractor concerning technical aspects of the contract. She/he is not authorized to change any of the terms and conditions of the resulting contract.

1.6.7. Key Personnel: The following personnel are considered key personnel by the Government: The contractor shall provide a contract manager who shall be responsible for the performance of the work. The name of this person and an alternate who shall act for the contractor when the manager is absent shall be designated in writing to the contracting officer. The contract manager or alternate shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract. The contract manager or alternate shall be available between 0700 and 1600, Monday thru Friday except Federal holidays or when the government facility is closed for administrative reasons. Key personnel shall have working knowledge of the contract services work outlined within this SOW as it relates to hardware and services.

1.6.8. Identification of Contractor Employees: All contract personnel attending meetings, answering Government telephones, and working in other situations where their contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. They must also ensure that all documents or reports produced by contractors are suitably marked as contractor products or that contractor participation is appropriately disclosed. Contractors will be required to obtain creditable local background check as outlined in 1.6.7 (Security Requirements) of this SOW.

1.6.9. Contractor Travel: Not Authorized Travel at additional cost to the Government is not authorized.

1.6.10. Other Direct Costs (ODCs): Not Authorized ODCs at additional cost to the Government are not authorized.

1.6.11 Organizational Conflict of Interest: Contractor and subcontractor personnel performing work under this contract may receive, have access to or participate in the development of proprietary or source selection information (e.g., cost or pricing information, budget information or analyses, specifications or work statements, etc.) or perform evaluation services which may create a current or subsequent Organizational Conflict of Interests (OCI) as defined in FAR Subpart 9.5. The Contractor shall notify the Contracting Officer immediately whenever it becomes aware that such access or participation may result in any actual or potential OCI and shall promptly submit a plan

to the Contracting Officer to avoid or mitigate any such OCI. The Contractor's mitigation plan will be determined to be acceptable solely at the discretion of the Contracting Officer and in the event the Contracting Officer unilaterally determines that any such OCI cannot be satisfactorily avoided or mitigated, the Contracting Officer may affect other remedies as he or she deems necessary, including prohibiting the Contractor from participation in subsequent contracted requirements which may be affected by the OCI.

2.0 DELIVERABLES: All deliverables shall be protected accordingly. Electronic submittals with multiple pages must be arranged so it can be easily maneuvered with links to index pages. Contractor shall provide the deliverables to the Project Manager. In the event of a resubmittal, Contractor shall resubmit the deliverable with response to changes within 15 calendar days. If Contractor is not able to resubmit within the given period, justification and a resubmittal date shall be provided. Unless otherwise stated, Government review of deliverables is 30 calendar days. Deliverables include the below:

- Accident Prevention Plan (APP)
- Installation Schedule
- Testing Documents showing classrooms function as designed

3.0 PAYMENT SCHEDULE: Government and Contractor agree that payments to be made for this contract shall be based upon satisfactory completion by Contractor of the milestones established in the following milestone payment schedule:

Milestone Event	Payment at Completion of Event
Approval of all submittals	10% of base CLIN
Complete installation and fully pass all testing	90% of base CLIN
Award of each Option Year for Support	100% of each Option Year CLIN

■ [REDACTED]

[REDACTED]

5.0 APPLICABLE DOCUMENTS: In the result of a conflict, the more stringent requirement applies. The following criteria shall be applied during the execution of all work performed:

- a. UFGS 01 78 23 Operation and Maintenance Data
- b. UFC 4-010-06 Cybersecurity of Facility-Related Control Systems
- c. AR 25-1 Army Information Technology
- d. AR 25-2 Army Cybersecurity
- e. National Fire Protection Association (NFPA) 70 National Electrical Code
- f. NFPA 101 Life Safety Code
- g. Safety and Health requirements shall be performed IAW U.S. Army Corps of Engineers EM 385-1-1
- h. DoD Directive 8140.01 Cyberspace Workforce Management
- i. DoD Instruction 8500.01, Cybersecurity
- j. DoD Instruction 8510.01, Risk Management Framework (RMF) for DoD Information Technology (IT)
- k. Defense Information Systems Agency (DISA) Secure Technical Implementation Guides (STIGs)
- l. All work shall be IAW industry standards and manufacturer recommendations.

6. DEFINITIONS AND ACRONYMS:

6.1. DEFINITIONS:

6.1.1. CONTRACTOR: A supplier or vendor awarded a contract to provide specific supplies or service to the government. The term used in this contract refers to the prime contractor.

6.1.2. CONTRACTING OFFICER: A person with authority to enter into, administer, and or terminate contracts, and make related determinations and findings on behalf of the government. Note: The only individual who can legally bind the government.

6.1.3. DELIVERABLE: Anything that can be physically delivered but may include non-manufactured things such as meeting minutes or reports.

6.1.4. PHYSICAL SECURITY: Actions that prevent the loss or damage of Government property.

6.1.5. SUBCONTRACTOR: One that enters into a contract with a prime contractor. The Government does not have privity of contract with the subcontractor.

6.1.6. WORKDAY: The number of hours per day the Contractor provides services in accordance with the contract.

6.1.7. WORK WEEK: Monday through Friday, unless specified otherwise.

6.2. ACRONYMS:

CO	Contracting Officer
FAR	Federal Acquisition Regulation
OCI	Organizational Conflict of Interest

POC	Point of Contact
PRS	Performance Requirements Summary
SOW	Statement of Work
TE	Technical Exhibit
BAMC	Brooke Army Medical Center
VG	Voice Gateway
LAN	Local Area Network
IP	Internet Protocol

7. GOVERNMENT FURNISHED ITEMS AND SERVICES:

7.1. Services: The Government will provide a representative from the IMD section to support contract personnel in preparing security forms to gain access.

7.2 Facilities: The Government will provide all electrical outlets and conduit pathways required for low voltage cabling in support of installation activities as outlined in this SOW.

7.3 Utilities: The Government will provide access to all utilities in the facility for the contractor's use in performance of tasks outlined in this SOW. If utilities are furnished, the following is required: The Contractor shall instruct employees in utilities conservation practices. The contractor shall be responsible for operating under conditions that preclude the waste of utilities, which include turning off the water faucets or valves after using the required amount to accomplish cleaning vehicles and equipment.

8. CONTRACTOR FURNISHED ITEMS AND RESPONSIBILITIES:

8.1 General: The contractor shall furnish all supplies, equipment, and services required to perform work under this contract that are not listed under section 3 of this SOW.

8.2 Materials: The Contractor will shall provide all required materials and necessary tools i.e.-cabling, mounts, mounting hardware, and miscellaneous tools to meet the requirements under this SOW.

8.3 Equipment: The Contractor will shall provide equipment as outlined in section 5 of this SOW.

9. Specific Tasks

Contractor shall provide all video wall equipment and install as per manufactures installation guides.

10. APPLICABLE PUBLICATIONS (CURRENT EDITIONS)

10.1. Publications: The Contractor must abide by all applicable regulations, publications, manuals, and local policies and procedures. (For example, insert AR 25-2, AR 530-1.)

10.2 Access: The Contractor will shall comply with security requirements in accordance with the JBSANATONIO 7 20190821 UNESCORTED ACCESS FORMAFFARS 5352.242-9000, Contractor Access to Air Force Installations.

11.0 PERIOD OF PERFORMANCE, PROJECT SCHEDULE, CONTRACTOR POC:

11.1 Period of Performance (POP): This contract will be for one 12-month base period and four 12-month option periods. There will also be a -8-clause added.

11.2 Project Schedule: Contractor shall provide a detailed Project Schedule for deliverables and installation. Contractor shall notify the Government immediately if the schedule falls more than 30 calendar days behind and provide updated Project Schedule with justification.

11.3 Primary/Alternate POC (Contractor): The Contractor shall designate, at a minimum, a single individual to act on the Contractor's behalf and be responsible for overall management and performance of this requirement (i.e., a Contract or Program Manager) and an individual to act on behalf of an individual requirement (i.e., a Delivery Order Manager or Point of Contact). The Contractor's POCs shall be responsible for working with the Government to resolve systemic and recurring issues affecting customer satisfaction. A list of POCs shall be provided to the Government and updated as changes occur. The POC structure shall be coordinated and mutually agreed upon with the Government at the post award conference and modified as needed during performance. The Contractor selected for this award shall provide a list of key personnel who will be responsible for execution of contract requirements. Additionally, the Ordering Contracting Officer and Ordering Contracting Officer's Representative for the delivery order shall be provided a list of key personnel involved in the execution of the delivery order. All reports will include contact information, to include telephone, fax and email and identify their responsibilities for execution of the contract or delivery order.

12.0 QUALITY ASSURANCE (QA): The Government will perform QA of Contractor's performance under this contract using the method of surveillance specified in the Performance Requirements Summary (PRS) in Attachment 1 Quality Assurance Surveillance Plan (QASP). The Government will conduct QA inspections on all phases and types of work performed. The Government reserves the right to perform QA inspections at any time.

13.0 Functionality: Along with installation of the equipment, equipment must be made to function so that classes can be conducted as intended by the design. At the completion of installation, functionality tests must be performed and passed to the satisfaction of the customer. Training must also be provided to the relevant personnel, so the instructors are able to use the classrooms as intended and to their full potential.

14. SITE SECURITY:

14.1 General Security Requirements and Guidance: The security requirements described below apply to all contract personnel (including employees of the prime Contractor (“Contractor”) and all subcontractor employees) supporting the performance requirements of this contract. The Contractor is responsible for compliance with these security requirements. Questions regarding security matters shall be addressed to the designated Government representative (e.g., Contracting Officer Representative (COR), Requiring Activity (RA) representative, or Contracting Officer (if a COR or other RA representative is not appointed)). Contract personnel are critical to the overall security and safety of USACE installations, facilities and activities, and security awareness training contributes to those efforts. The Department of Defense (DoD) and Army security training requirements specified below, if applicable, are performance requirements; all applicable contract personnel shall complete initial training within 30 days of contract award or the date new contract personnel begin performance on the contract. Within five business days from the completion of training, the Contractor shall provide written documentation (e.g., email or memorandum) to the Government representative. The documentation shall include the names of contract personnel trained and which training they completed; the Contractor shall maintain training records as part of their contract files and be prepared to provide copies of training certificates to the Government representative. Contractor personnel and vehicles are subject to search when entering federal installations. Additionally, all contract personnel shall comply with Force Protection Condition (FPCON) measures, Random Antiterrorism Measures (commonly referred to as “RAMs”), and Health Protection Condition (HPCON) measures. The Contractor is responsible for meeting performance requirements during elevated FPCON and/or HPCON levels in accordance with applicable RA plans and procedures—this includes identifying mission essential and non-mission essential personnel. In addition to the changes otherwise authorized by the changes clause of this contract, should the FPCON or HPCON levels at any individual facility or installation change, the Government may implement security changes that affect contract personnel. The Contractor shall ensure all contract personnel are aware of their security responsibilities, including any site-specific requirements identified in local policies or procedures.

14.2 Physical Security and Access Control Requirements: All contract personnel requiring physical access to a federal installation or facility shall comply with the access control procedures of that location. Contract personnel requiring unescorted access to meet contract performance requirements on a DoD installation in the US shall be vetted by the installation/facility Provost Marshal/Directorate of Emergency Services/Security Office using the National Crime Information Center-Interstate Identification Index (commonly referred to as “NCIC-III”) and Terrorist Screening Database (commonly referred to as “TSDB”). Contract personnel shall comply with all personal identity verification requirements specified in installation/facility policies and procedures. Contract personnel who do not meet requirements for unescorted access to USACE facilities shall coordinate escorted access with the Government representative, as needed. Contract personnel who receive keys, access cards, or lock combinations that provide access to government-owned property shall comply with key and lock control procedures of the RA.

14.3 Identification of Contractor Personnel:

All Contractor personnel attending meetings, answering Government telephones, and working in other situations where their Contractor status is not obvious to third parties are required to and shall identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. They shall and must also ensure that all documents or reports produced by Contractors are suitably marked as Contractor products or that Contractor participation is appropriately disclosed. It shall be the responsibility of the Contractor to manage its employees and to guard against any actions perceived to be the nature of personal services or give the perception and appearance of personal services. If the Contractor believes any actions constitute, or are perceived or appear to constitute personal services, it shall be the Contractor's responsibility to notify the COR or the KO immediately.

15.0 ONSITE SAFETY:

15.1 Safety Compliance Requirements. Contractor shall comply with FAR 52.236-13 Accident Prevention and execute all work in accordance with (IAW) the latest version of Safety Manual EM 385-1-1 At the time of solicitation of this contract. All safety submittals must be emailed to the FTI PM and FTI Safety inbox (CEHNC-FTI-Safety@usace.army.mil).

15.2 Site Visit Accident Prevention Plan (SVAPP). A SVAPP is required if an APP with a site/survey activity hazard analysis (AHA) has not been provided and accepted by the FTI program CEHNC KO in coordination with (ICW) CEHNC Safety and Occupational Health Office (SOHO). The SVAPP is intended and necessary for any site visit not covered by an APP and these site visits shall be for visual inspection/observation or office type work only. If work must be performed (i.e., metering, work on energized equipment), an Accident Prevention Plan (APP) must be submitted and accepted.

15.3 Accident Prevention Plan. The APP shall follow the minimum requirements of EM 385-1-1 Chapter 2-7 and this PWS. Follow the mandatory ENG Form 6293 (Accident Prevention Plan Worksheet). The APP must be submitted and accepted by the CEHNC KO ICW CEHNC SOHO prior to starting any work at the site. The contractor is responsible for preparing an APP per EM 385-1-1 for all work that goes beyond the scope of a site. *It should be readily available to all tiers of contractors (and their employees) on the jobsite.* The completed APP shall be submitted to the HNC PM at least thirty (30) business days prior to field work performance. Field work shall not take place until the APP has been submitted, reviewed, and accepted by the CEHNC Safety Office.

15.4 Contractor shall verify with the controlling installation, the applicability and requirements for emergency procedures, permit required work procedures, and hazardous environments and waste disposal (including but not limited to potential lead and asbestos exposure).-These findings shall be incorporated into the APP.

15.5 Activity Hazard Analysis (AHA). All AHAs shall be written in accordance with section 6 in each applicable chapter in EM 385-1-1. The identification and proof of qualification for competent/qualified persons (e.g., Confined Space, Electrician, Crane Operator, etc.) and proof of qualification shall be included IAW EM 385-1-1 Chapter 2-6.d(4)(g). Define the steps to be performed for the activity/task/DFOV and the work sequences (for example, site conditions, materials, personnel) needed. Job steps should be detailed so that the reader clearly understands how that job will be accomplished (for example, how the part will be installed or removed, anticipated voltages, quantities of chemicals utilized, equipment utilized to accomplish the task, heights being accessed).

15.6 Site-Specific Addendum (SSA). SSAs are required for each site if work will be conducted on two or more distinct sites. The SSAs shall be submitted to the KO for review and acceptance by the CEHNC Safety Office prior to work starting. Each SSA shall contain detailed site-specific information only applicable to a specific location. It shall be attached to the APP as an appendix and be readily available on the jobsite.

15.7 Safety document resubmittal shall include the original local SOHO comments with detailed responses (Form 7 or 4025) and highlight all changes.

15.8 Any Proposals, Change Orders, and Contract Modifications shall be verified that they are covered under the current accepted APP. If the pending work effort is NOT covered under the initial task order APP, the contractor shall submit, for government review and acceptance, an addendum to the APP.

15.9 Notifications and Reports. All accidents and near misses will be reported in accordance with EM 385-1-1 Table 2-1. Most current version of the ENG Form 3394 Aug 2021 shall be used for all reporting measures. Failure to comply with these requirements will be reflected on CPARS (If applicable).

15.10 Monthly Exposure Hours Report. This report is a compilation of employee-hours worked each month for all site workers, both prime and subcontractors. Hours associated with administrative activities such as payroll, human resource, service order managers/technicians, etc., are not counted. Exposure hours shall be submitted to HNC Contracting Office (CT). The data must be posted/submitted not later than 10 calendar days after the end of each month. Exposure data consists of man-hours expended in direct performance of the work performed on the jobsite. The monthly submission shall be broken down by Contract and identify exposure hours for each Contract. If no hours are worked on the project/task, a report showing zero (0) is required.

15.11 Prime Contractor Corporate Safety Official / Corporate Official (CSO/CO). This contract requires a minimum of one Corporate Safety Official / Corporate Official to manage and oversee the implementation of the Prime Contractor's Safety Program. The CSO or CO shall conduct roles and responsibilities listed in EM 385-1-1 (2024) Chapter 2-4.f. This individual is not required to physically be on the project site.

15.12 Site Safety and Health Officer (SSHO). No work shall be conducted at the site of the work until an SSHO is present as described and EM 385-1-1 (2024) Chapter 2-8.b. L1/L2 SSHOs are allowed to dual hat with the QC manager or a competent person other than the project manager/onsite manager. He/She cannot manage non-safety individuals on the jobsite. During high-risk activities the L1 SSHO cannot dual-hat. Triple hatting is not allowed. The APP shall explain how the prime contractor will be

responsible for overall jobsite safety. L2/L3 are only permitted on projects with a residual risk of low or medium.

15.13 The SSHO on site can be a prime contractor or subcontractor employee. If a subcontractor employee is the SSHO, he/she must work under stringent direction of the prime contractor's CSO or CO equivalent (CSO or CO does not need to be onsite). The APP shall include discussion as to how the CSO or CO will ensure the L2 and/or L3 is/are implementing the requirements of the prime contractor's safety program, EM 385-1-1, OSHA, consensus standards, any additional local laws and regulations, and all accepted safety plans. This shall include but is not limited to the review of site documentation, site audits, training, meetings, and accident reports.

SSHO Coverage on projects is determined by the type of work that is occurring. Please refer to the chart in this section for the minimum acceptable SSHO coverage for FTI work. If an activity is not listed, it is the prime contractor's responsibility to ensure that SSHO coverage is adequate for the activities occurring onsite. When in doubt if coverage is adequate for a service order, contact the FTI Safety POC or FTI Project Manager.

15.14 After Hours Work/Multiple Shifts. Planned after hours work or multiple shifts like dual shifts or scheduled work designed to not impact the customer is considered normal shift operations and shall still ensure that an SSHO, as required by scope of work, is on-site while work is being performed. Processes and procedures must be identified in the APP stating how communication and reporting will be established during those shifts.

15.15 Multiple sites / Locations outside of 45 minutes: The contractor shall ensure that a minimum of a L1 is on the main site while work is being performed but would additionally need an L2 or L3 (depending on complexity of work) for each additional location. Procedures must be identified in the APP explaining how prime contractor safety oversight, communication and reporting will be established between the main L1 SSHO and the alternate sites' SSHO.

1. **M&S SERVICE ORDERS.** The Contractor shall, for every Service Order, indicate (by checking box) on the service order form if the pending work effort has been covered by the task order Accident Hazard Analysis (AHA) approved along with the APP. If the Service Order work was not covered under the initial AHA, the Contractor shall attach an AHA as a part of the Service Order documentation package and submit it to the program's safety inbox for review. In addition, if the task requires a plan or program that was not included in the original submittal or if the plan/program changes due to the new task, the Contractor shall submit the site-specific plan or program associated with the Service Order and AHA.
2. **Emergency Service Orders/Responses:** Responses addressed by one or two technicians, a L3 SSHO would be acceptable. The L3 responding must meet the minimum requirement per the EM 385-1-1, 2-3 and be designated in writing. If the pending work effort was not covered under the initial task order AHA / APP, the Contractor may begin the onsite work efforts, while complying with all the safety and health requirements in EM 385-1-1. After issue of the Emergency SO, the Contractor shall submit, for Government acceptance, the AHA for

the Emergency SO work, within 2-business days (exclusive of weekends and Federal holidays).

Minimum Acceptable SSHO Coverage for FTI Work	
Role	Minimum SSHO Coverage Required
<p>L1 SSHO</p> <p>*All levels of SSHOs shall conduct the roles and responsibilities listed in EM 385-1-1 (2024) Chapter 2-4.b.)</p> <p>**At all levels, no SSHO can supervise employees on the jobsite (unless they are safety employees)</p>	<p>Required for work on the below activities (and similar):</p> <ul style="list-style-type: none"> • LOTO (600V and above) • Scaffolding over 10' feet • Excavations/Trenching 5' and greater • Lift Plans involving cranes • Permit Required Confined Spaces • Asbestos/Lead/etc. • Demolition beyond "soft" • Boiler Corrective Maintenance <p>Dual-hatting not allowed while active work on high-hazard activities (or when the above bulleted items) is occurring.</p>
<p>*L2 SSHO</p>	<p>Required for work on the below activities (and similar):</p> <ul style="list-style-type: none"> • LOTO (Greater than 240V to less than 600V) • Fall Protection • Confined Space • Excavations/Trenching less than 5' • Ladders above 24' and Caged ladders above 20' and • Scaffolding up to 10' • Most Corrective Maintenance • Powered Industrial Trucks (PIT) and Aerial Lifts • Lifts from an Aerial lift, forklift, etc. (w/accepted lift plan) • Soft Demolition • More involved hardware upgrades • Simple Boiler PM <p>L2 SSHO's are only permitted on projects with a residual risk of low or medium, as dictated by an Activity Hazard Analysis. Can be dual-hatted.</p>
<p>*L3 SSHO</p>	<p>Acceptable for the below activities (and similar):</p> <ul style="list-style-type: none"> • Office work • Trenching less than 3' • Software upgrades and simple hardware changes • Most Preventative Maintenance • PVTs (Performance Verification Testing) • A/V installs • Pulling Wire • Very basic Corrective Maintenance (1–2-man work) • Ladders less than 24' • Many AV/TV installations • Inventory <p>If L2 tasks are required while doing L3 work, then coverage must jump to a L2. (Example: Quarterly PMs being accomplished but</p>

	<p>utilizing an aerial lift to reach location. This would require a L2 SSHO, not a L3)</p> <p>L3 SSHO can only be used on projects with a low or medium risk. Can be dual hatted as a lead technician if they are allotted time to conduct required safety duties.</p>
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16.0 Meet or exceed specifications below.

Dimension Specs	Diagonal	304"
	Wall Size WxH (ft)	22 x 12.4 ft
	Resolution	3,360 x 1,890
	Videowall Configuration	7 X 7
	Dimensions (WxHxD) per cabinet (mm)	960 X 540 X 79.5 mm
Product Specs	Total cabinet Weight (lbs)	1,340 lbs
	Brightness (Peak / Max)	1,600 / 1,000 nits
	Contrast	7,200:1
	Bit Depth	16 bit per color
	Color Temperature	6,500K
	Color Temperature range	2,500 - 10,000K
	Viewing Angle (H/V)	160 / 160
Power Specs	Refresh rate	6,480 Hz
	Power Requirement (Max / Typical W)	12,740 / 4,263 W
	110V 20A Circuits	9 circuits 6 cabinets/circuit
	208V 20ACircuits	5 circuits 12 cabinets/circuit
Operation	BTU/hr	43,471 BTU/hr
	Spare Units	2
	Working Temperature	32 - 104 F
	LED lifetime	100,000 hr
	Cables (interconnect power and data)	Included
	Installation/Service	Front
	Certification	EMC Class A, Safety 60950-1
Warranty	Standard Warranty	5 years parts only
	Warranty Option	Next Day 5 Years

17.0 INVOICING:

The contractor shall provide invoices upon acceptance of receipt of deliverables in accordance

with FAR 32.905(b). The POP for each invoice shall be for one calendar month. The contractor

shall submit only one invoice per month per order/contract. The appropriate USACE office will

receive the invoice by the 5th calendar day of the month after either:

- . The end of the invoiced month (for services) or
- . The end of the month in which the products (commodities) or deliverables (fixed-priced services) were delivered and accepted by the Government.

a. Posting Acceptance Documents: A draft invoice shall initially be submitted monthly via email to the Customer Representative below to allow certification that the services have been received

and electronic acceptance of the invoice. (With the PM at CEHNC courtesy copied (CC) for situational awareness.)

[REDACTED]

[REDACTED]

b. Posting Invoice Documents: The contractor shall submit all invoices along with acceptance from the authorized agency customer representative via email to the following locations for

processing: **Invoices not submitted to the below E-Mail addresses will be rejected.

ITS_CIS_INVOICES ITS_MCIS_INVOICES@usace.army.mil

[REDACTED]

[REDACTED]

Contractors shall NOT submit invoices via Wide Area Workflow (WAWF). All invoices submitted to WAWF will be rejected.

NOTE: The acceptance of the authorized agency customer representative is REQUIRED prior to the approval of payment for any invoice submitted.

c. Content of Invoice: The contractor's invoice will be submitted monthly for work performed the prior month. The invoice shall be submitted on official letterhead in Adobe's Portable Document Format (PDF) and shall include the following information at a minimum.

Name and address of the contractor (Note: Differences between the remittance address on the invoice and the data on record in the System for Award Management (SAM) can potentially cause delays in payment. Please verify these data agree exactly.) Invoice date and number. Entire contract number, contract line item (CLIN) number, the order

number and modification number as applicable. Description, quantity, unit of measure, unit price and extended price of the item delivered. Item description must match those contained in the purchase order/contract description. Delivery tracking information to include tracking number and name of the person accepting delivery. In cases where there is no physical delivery, please include all email correspondence to the electronic delivery POC (the customer). Name and address of official to whom payment will be sent. Invoices for final payment must be so identified and submitted within 60 days from task completion and no further charges are to be billed. A copy of the written acceptance of task completion must be attached to final invoices.

d. Final Payment: Invoices for final payment must be so identified and submitted within 60 days from task completion and no further charges are to be billed. A copy of the written acceptance of task completion must be attached to final invoices.

e. Release of Claims (ROC): The vendor shall include a Release of Claims (ROC) (Provided via Attachment 1.4), with final payment request. Final invoices submitted without a ROC will be rejected and returned to vendor, with request to resubmit. The ROC shall be signed, include the final Purchase Order/Contract/Task Order amount, vendor address, and company stamp/seal. The Release of Claims template shall be provided on/before receipt of Final Invoice and is available upon e-mail request to the Acquisition PM.

17.1 Final Payment: With respect to a specific contract/delivery order/task order will be clearly marked "FINAL" and submitted within 45 days after period of performance end date specified in contract. NOTE – In some cases the first invoice may also be the final invoice.

17.2. Request for Payment: Electronic Invoice Requirements: Electronic invoice submissions must be created in black and white and in Adobe's Portable Document Format (PDF) and comply with the requirements specified within this contract.

17.3. Payment Processing: Will begin: 1) after the Government accepts delivery of the supplies and/or services being billed, 2) receipt of final invoice in accordance with these instructions and 3) a release of claims (with the final invoice).

NOTE - The acquisition PM is responsible for determining the acceptability of the invoice and annotating the Government's official "received" date. The received date is used on occasions where interest must be calculated for late payment. Deficient invoice submissions will be rejected.